

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047313.D
 Acq On : 13 Aug 2025 11:52
 Operator : JC/MD
 Sample : VX0813WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/14/2025
 Supervised By : Mahesh Dadoda 08/18/2025

Quant Time: Aug 14 03:26:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	202645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	347739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	166388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	134402	53.243	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.480%			
35) Dibromofluoromethane	5.397	113	119820	55.807	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.620%			
50) Toluene-d8	8.646	98	334546	48.114	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.220%			
62) 4-Bromofluorobenzene	11.079	95	164573	54.923	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	52888	19.649	ug/l	98
3) Chloromethane	1.312	50	49720	18.674	ug/l	97
4) Vinyl Chloride	1.392	62	57047	19.932	ug/l	100
5) Bromomethane	1.629	94	28121	18.088	ug/l	98
6) Chloroethane	1.709	64	36159	19.236	ug/l	96
7) Trichlorofluoromethane	1.910	101	82942	19.435	ug/l	98
8) Diethyl Ether	2.148	74	31161	20.708	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	50169	19.512	ug/l	99
10) Methyl Iodide	2.471	142	79228	30.234	ug/l	99
11) Tert butyl alcohol	2.965	59	28206	88.958	ug/l	100
12) 1,1-Dichloroethene	2.337	96	49435	19.412	ug/l	91
13) Acrolein	2.251	56	74804	137.626	ug/l	99
14) Allyl chloride	2.678	41	88743	19.277	ug/l	99
15) Acrylonitrile	3.080	53	136391	113.289	ug/l	96
16) Acetone	2.391	43	105243	104.072	ug/l	99
17) Carbon Disulfide	2.532	76	136494	18.527	ug/l	99
18) Methyl Acetate	2.715	43	66666	24.807	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	169383	21.854	ug/l	98
20) Methylene Chloride	2.806	84	59927	21.541	ug/l	96
21) trans-1,2-Dichloroethene	3.111	96	54162	20.783	ug/l	97
22) Diisopropyl ether	3.769	45	189873	21.453	ug/l	95
23) Vinyl Acetate	3.733	43	778435	109.658	ug/l	100
24) 1,1-Dichloroethane	3.623	63	101105	20.543	ug/l	99
25) 2-Butanone	4.568	43	154236	104.747	ug/l	97
26) 2,2-Dichloropropane	4.489	77	72574	19.049	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	64114	20.776	ug/l	97
28) Bromochloromethane	4.909	49	53663	23.700	ug/l	100
29) Tetrahydrofuran	5.025	42	95667	100.696	ug/l	97
30) Chloroform	5.104	83	105983	21.155	ug/l	98
31) Cyclohexane	5.482	56	88623	18.780	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	87621	20.136	ug/l	100
36) 1,1-Dichloropropene	5.708	75	69586	19.013	ug/l	99
37) Ethyl Acetate	4.720	43	75505	22.389	ug/l	98
38) Carbon Tetrachloride	5.684	117	75605	19.355	ug/l	97
39) Methylcyclohexane	7.384	83	83563	18.287	ug/l	97
40) Benzene	6.043	78	217544	20.539	ug/l	99

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Quant Time: Aug 14 03:26:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	36502	20.701	ug/l #	93
42) 1,2-Dichloroethane	6.098	62	81232	21.772	ug/l	98
43) Isopropyl Acetate	6.348	43	115479	21.965	ug/l	100
44) Trichloroethene	7.128	130	53343	19.640	ug/l	97
45) 1,2-Dichloropropane	7.433	63	55177	20.800	ug/l	95
46) Dibromomethane	7.586	93	41024	22.053	ug/l	99
47) Bromodichloromethane	7.823	83	83856	21.178	ug/l	96
48) Methyl methacrylate	7.695	41	59468	20.763	ug/l	99
49) 1,4-Dioxane	7.677	88	13158	403.928	ug/l #	94
51) 4-Methyl-2-Pentanone	8.573	43	354824	113.545	ug/l	98
52) Toluene	8.720	92	136726	20.994	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	74859	20.021	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	83165	20.322	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	54517	22.321	ug/l	97
56) Ethyl methacrylate	9.116	69	80828	22.355	ug/l	99
57) 1,3-Dichloropropane	9.311	76	92049	21.685	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	198566	98.689	ug/l	99
59) 2-Hexanone	9.433	43	242446	117.430	ug/l	99
60) Dibromochloromethane	9.518	129	61783	21.569	ug/l	97
61) 1,2-Dibromoethane	9.610	107	56071	21.956	ug/l	100
64) Tetrachloroethene	9.274	164	44324	19.375	ug/l	96
65) Chlorobenzene	10.079	112	154110	20.730	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	52447	20.954	ug/l	99
67) Ethyl Benzene	10.195	91	260192	20.017	ug/l	99
68) m/p-Xylenes	10.299	106	198066	40.718	ug/l	100
69) o-Xylene	10.640	106	95105	20.552	ug/l	99
70) Styrene	10.652	104	168181	21.195	ug/l	98
71) Bromoform	10.798	173	40938	21.532	ug/l #	98
73) Isopropylbenzene	10.963	105	252380	19.226	ug/l	100
74) N-amyl acetate	10.841	43	103804	19.599	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	79022	21.074	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	61482m	19.963	ug/l	
77) Bromobenzene	11.195	156	62175	19.747	ug/l	98
78) n-propylbenzene	11.304	91	293982	18.741	ug/l	100
79) 2-Chlorotoluene	11.359	91	179779	19.172	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	205269	18.928	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10337	8.647	ug/l	96
82) 4-Chlorotoluene	11.451	91	214549	19.603	ug/l	98
83) tert-Butylbenzene	11.713	119	206509	18.972	ug/l	100
84) 1,2,4-Trimethylbenzene	11.749	105	209364	19.355	ug/l	98
85) sec-Butylbenzene	11.890	105	254555	18.717	ug/l	100
86) p-Isopropyltoluene	12.006	119	213414	18.922	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	119434	19.964	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	120575	19.893	ug/l	97
89) n-Butylbenzene	12.329	91	198380	18.756	ug/l	98
90) Hexachloroethane	12.536	117	36783	18.231	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	113791	19.901	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	15225	21.153	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	73889	19.559	ug/l	99
94) Hexachlorobutadiene	13.725	225	24838	19.333	ug/l	97
95) Naphthalene	13.774	128	224317	20.255	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	69941	19.218	ug/l	99

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MSVOA_X
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

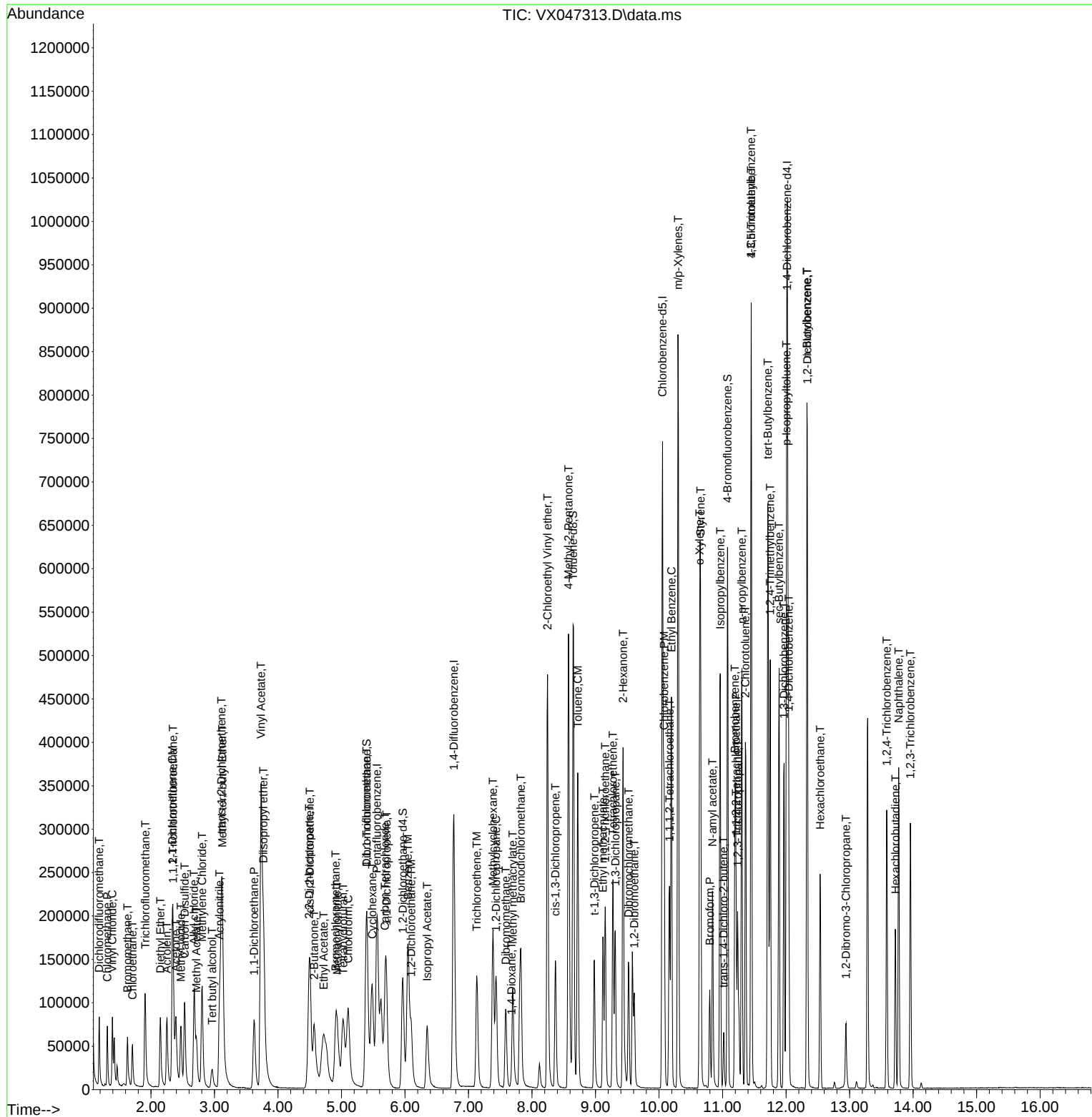
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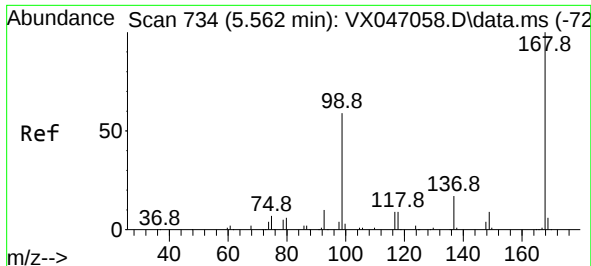
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ClientSampleId :
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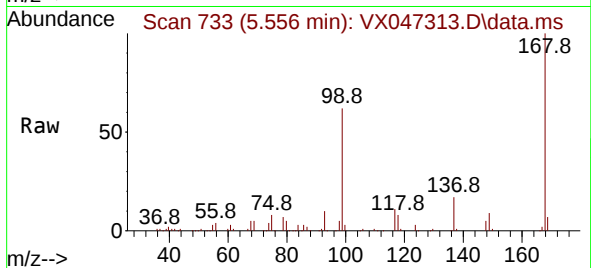
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047313.D
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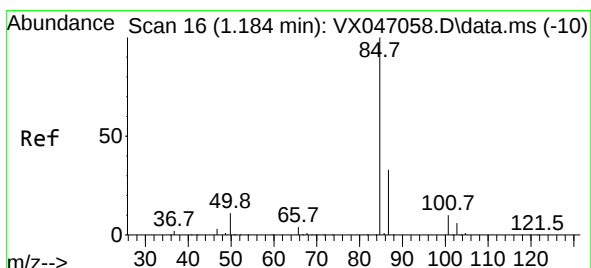
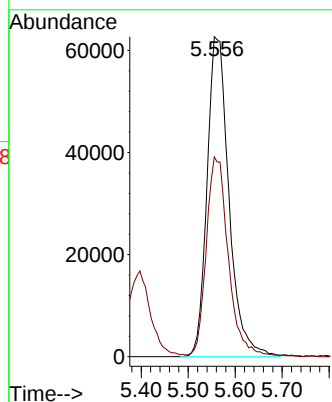
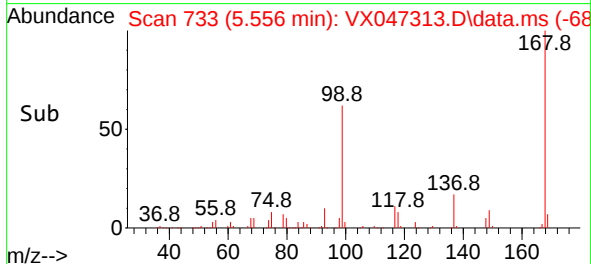
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion:168 Resp: 20264
Ion Ratio Lower Upper
168 100
99 62.0 48.0 72.0

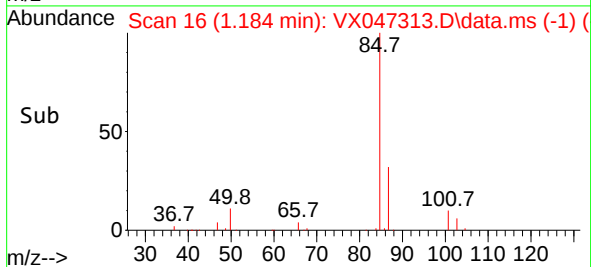
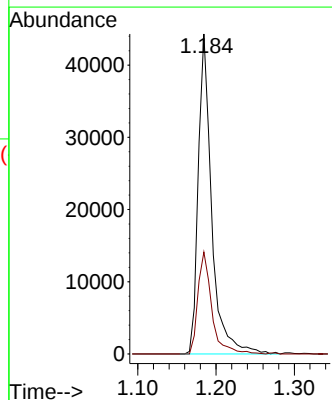
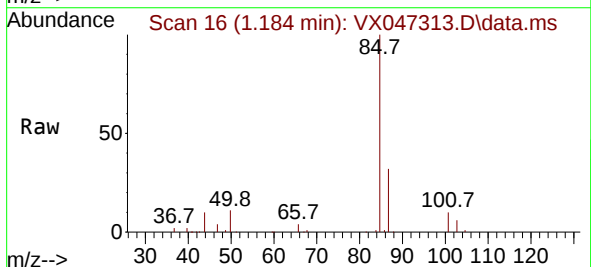
Manual Integrations
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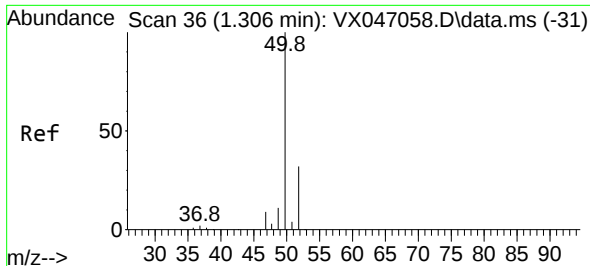
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#2
Dichlorodifluoromethane
Concen: 19.649 ug/l
RT: 1.184 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

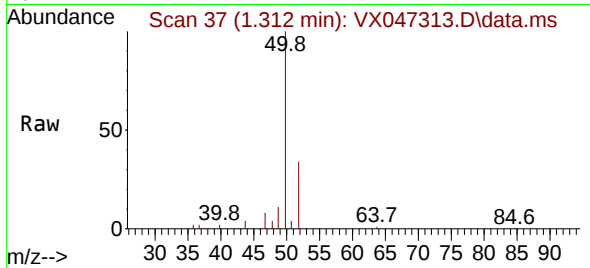
Tgt Ion: 85 Resp: 52888
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.8





#3
Chloromethane
Concen: 18.674 ug/l
RT: 1.312 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

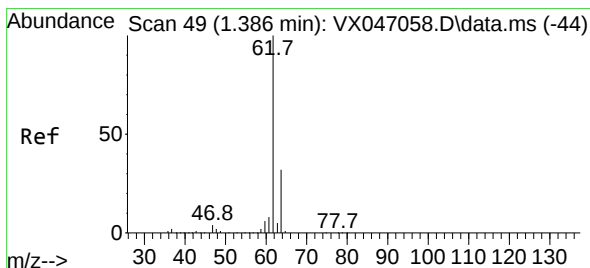
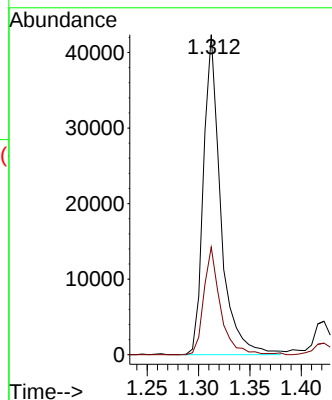
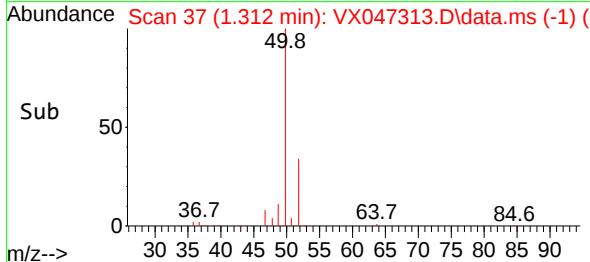
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 49720
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2

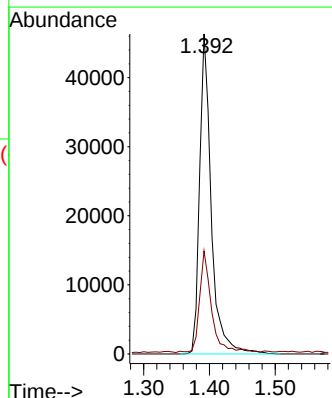
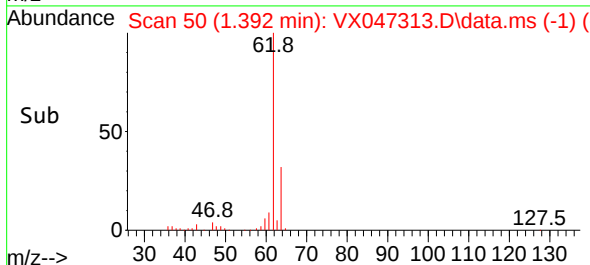
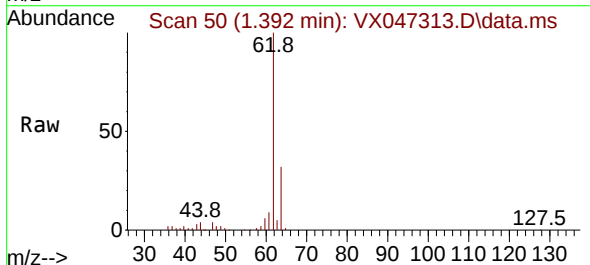
Manual Integrations
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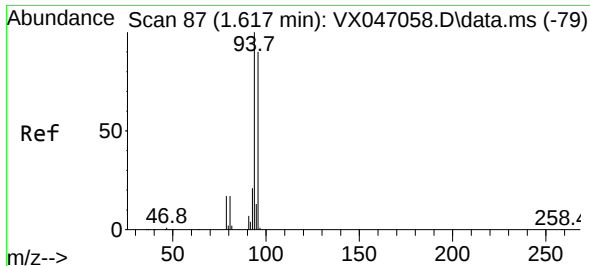
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#4
Vinyl Chloride
Concen: 19.932 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

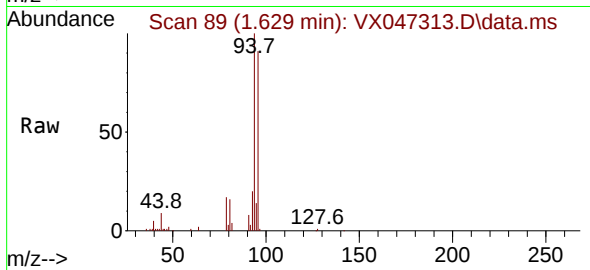
Tgt Ion: 62 Resp: 57047
Ion Ratio Lower Upper
62 100
64 31.4 25.2 37.8





#5
Bromomethane
Concen: 18.088 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

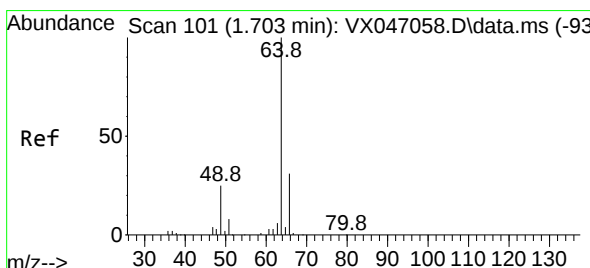
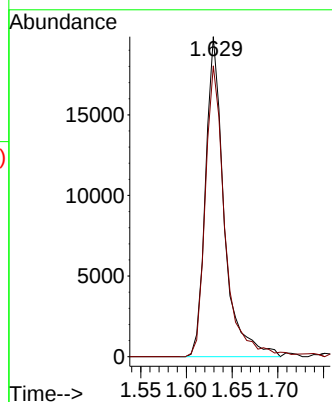
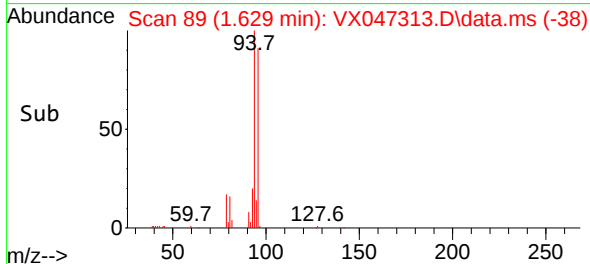
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Tgt Ion: 94 Resp: 2812
Ion Ratio Lower Upper
94 100
96 92.2 72.3 108.5

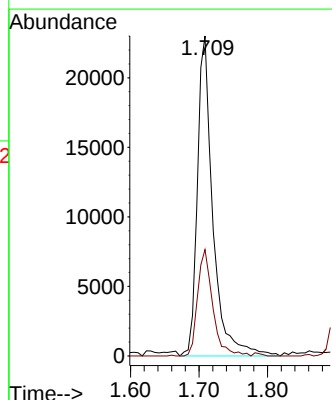
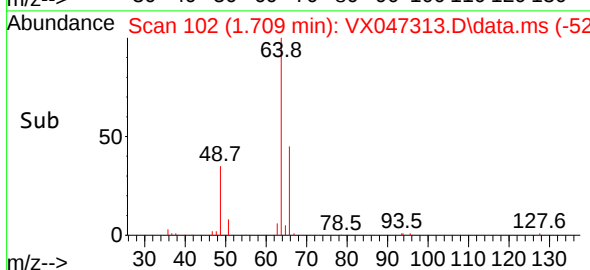
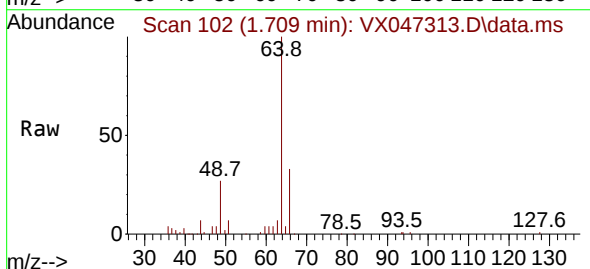
Manual Integrations
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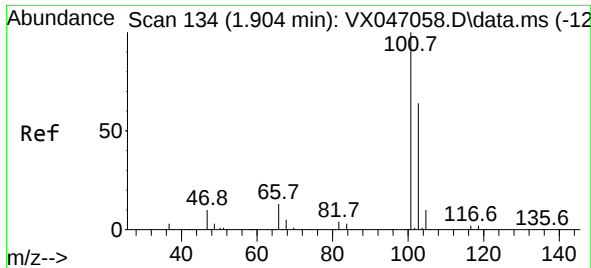
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#6
Chloroethane
Concen: 19.236 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.006 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

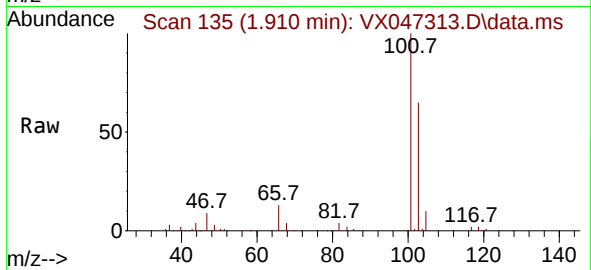
Tgt Ion: 64 Resp: 36159
Ion Ratio Lower Upper
64 100
66 33.3 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 19.435 ug/l
 RT: 1.910 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX047313.D
 Acq: 13 Aug 2025 11:52

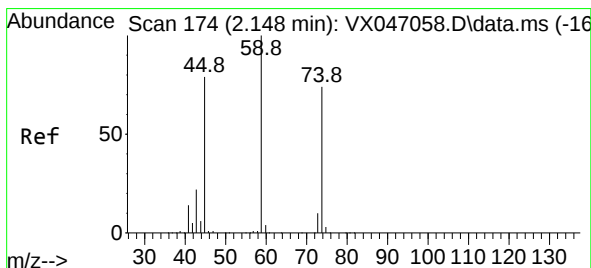
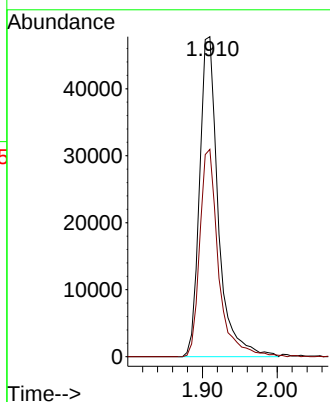
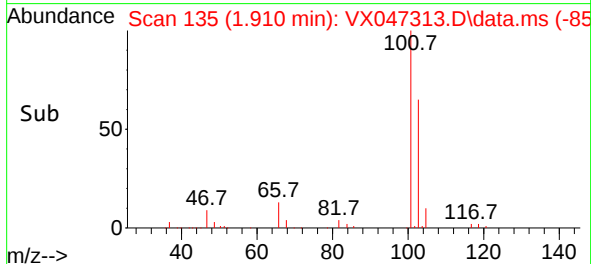
Instrument :
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Tgt Ion:101 Resp: 8294
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.9 76.3

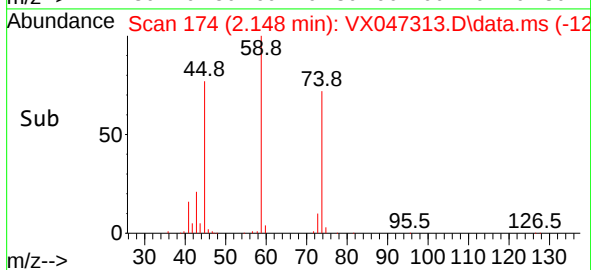
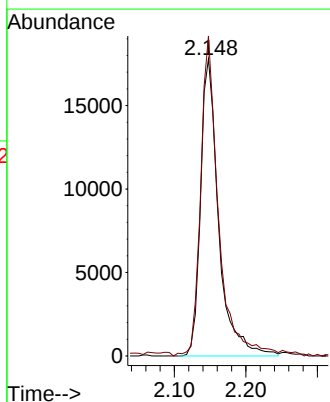
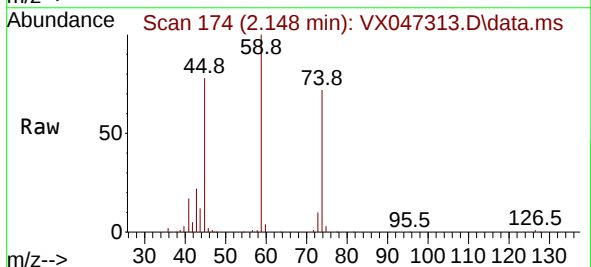
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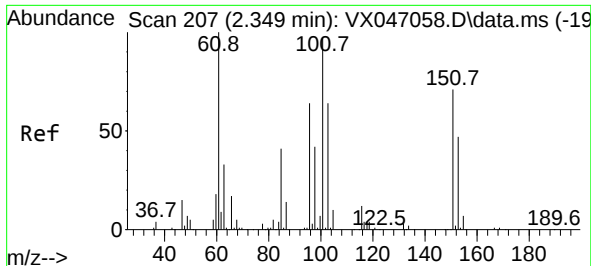
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025



#8
 Diethyl Ether
 Concen: 20.708 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VX047313.D
 Acq: 13 Aug 2025 11:52

Tgt Ion: 74 Resp: 31161
 Ion Ratio Lower Upper
 74 100
 45 106.8 53.0 159.0





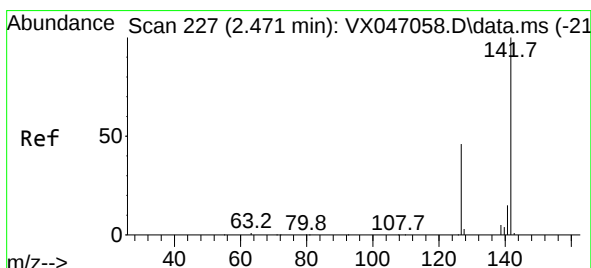
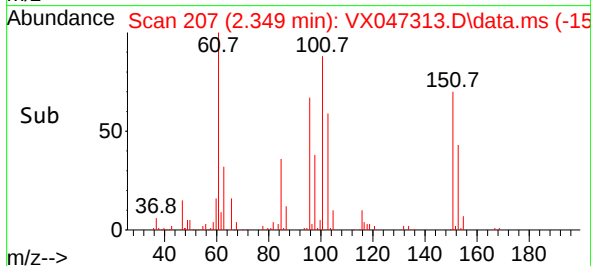
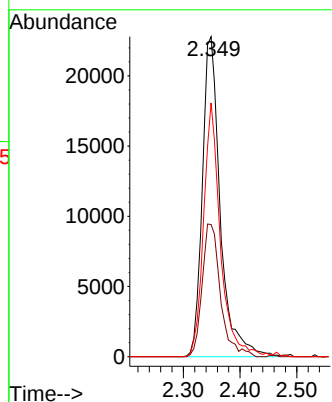
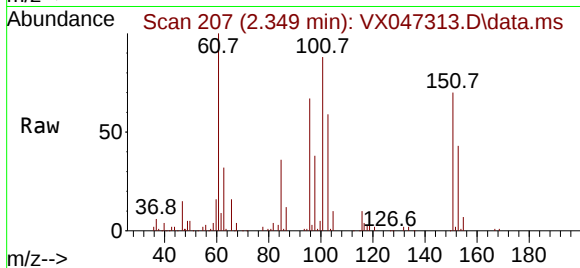
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.512 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01

Tgt Ion:101 Resp: 50169
Ion Ratio Lower Upper
101 100
85 42.3 35.4 53.0
151 74.5 59.2 88.8

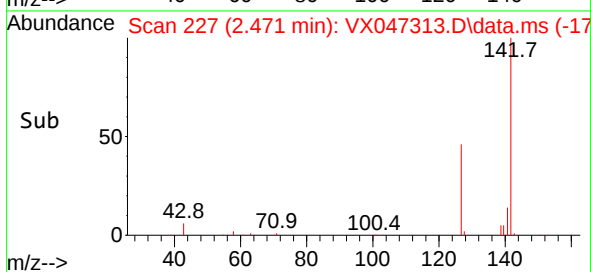
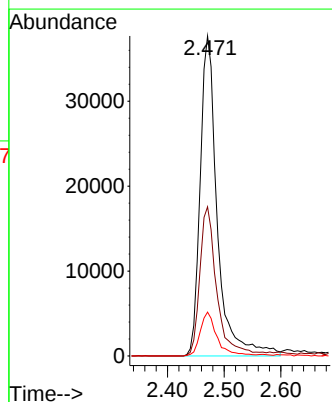
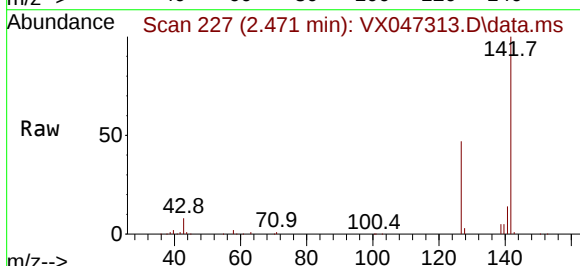
Manual Integrations
APPROVED

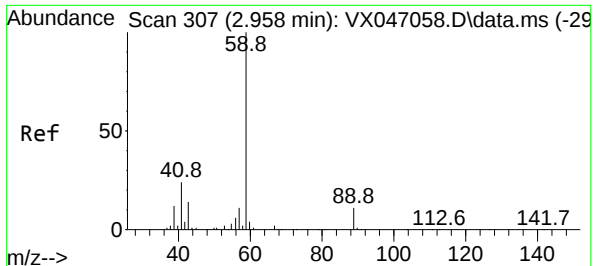
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#10
Methyl Iodide
Concen: 30.234 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Tgt Ion:142 Resp: 79228
Ion Ratio Lower Upper
142 100
127 46.3 36.6 54.8
141 13.4 10.9 16.3





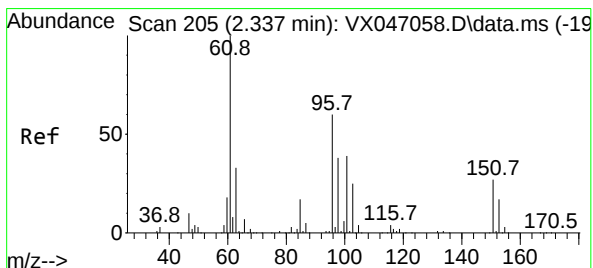
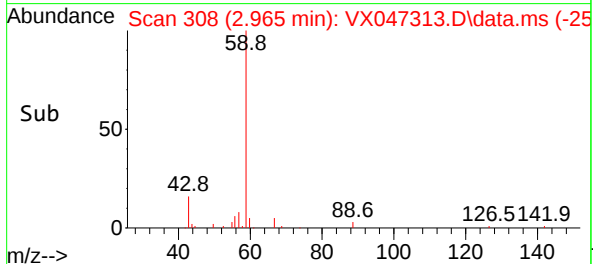
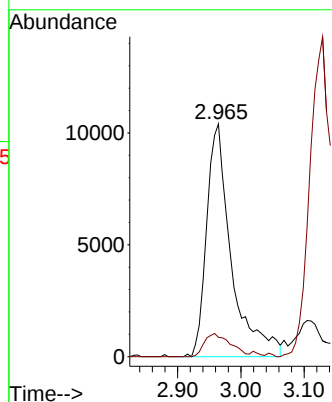
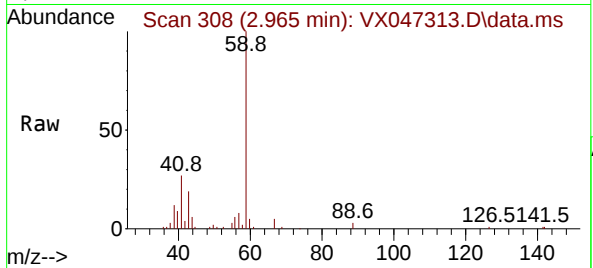
#11
Tert butyl alcohol
Concen: 88.958 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01

Tgt Ion: 59 Resp: 28200
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

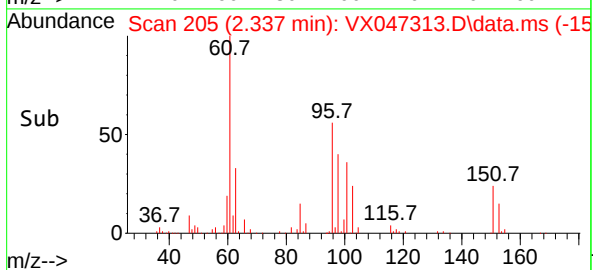
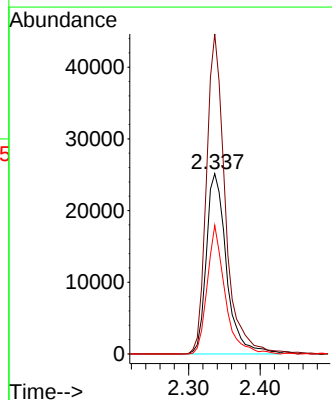
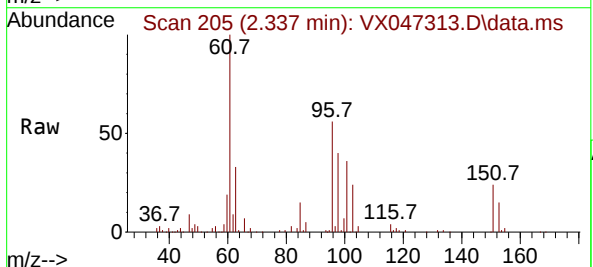
Manual Integrations
APPROVED

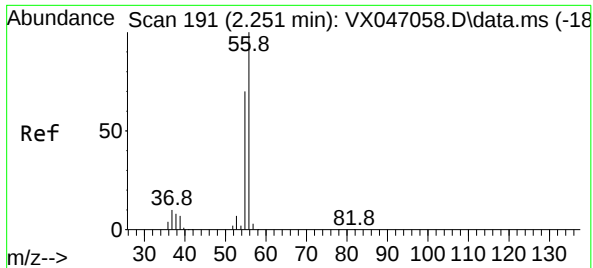
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#12
1,1-Dichloroethene
Concen: 19.412 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

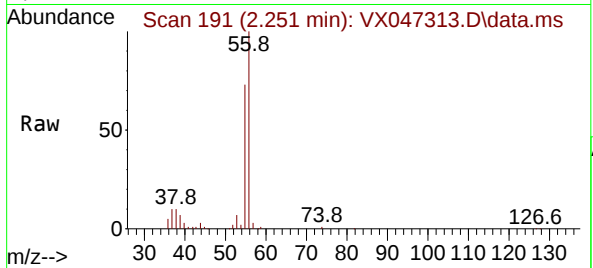
Tgt Ion: 96 Resp: 49435
Ion Ratio Lower Upper
96 100
61 177.4 132.6 198.8
98 71.3 50.2 75.4





#13
Acrolein
Concen: 137.626 ug/l
RT: 2.251 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

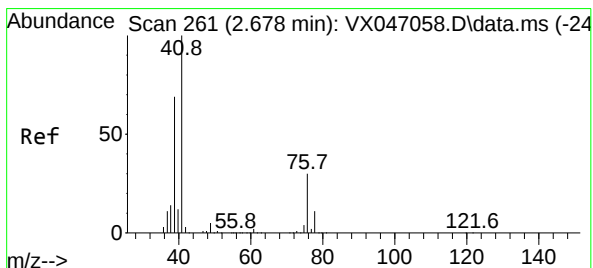
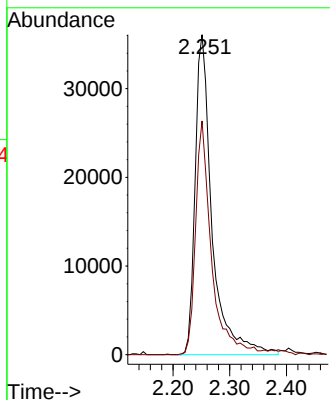
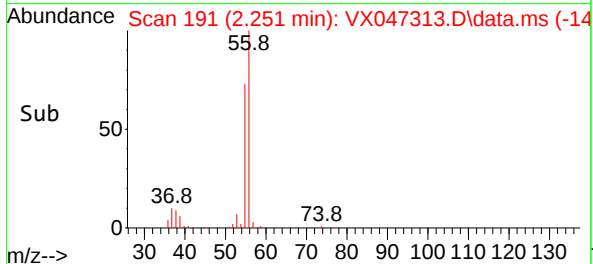
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 56 Resp: 74804
Ion Ratio Lower Upper
56 100
55 68.7 55.7 83.5

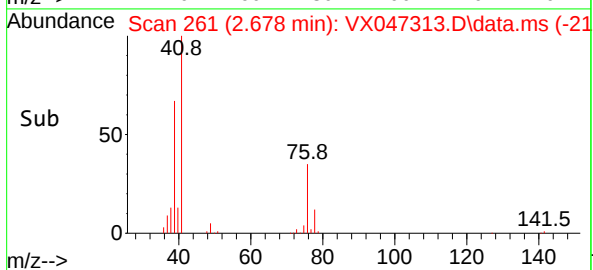
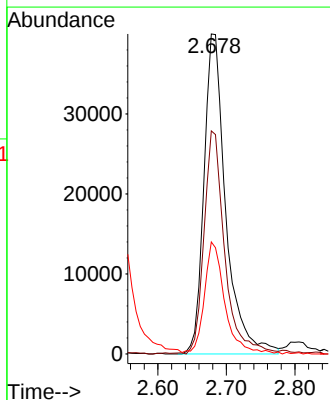
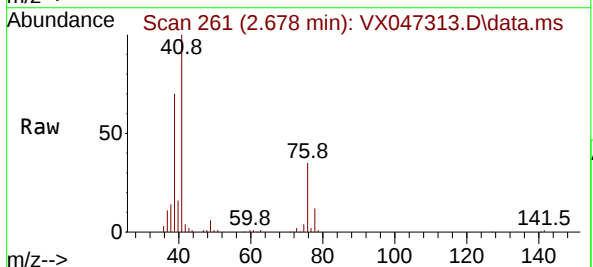
Manual Integrations
APPROVED

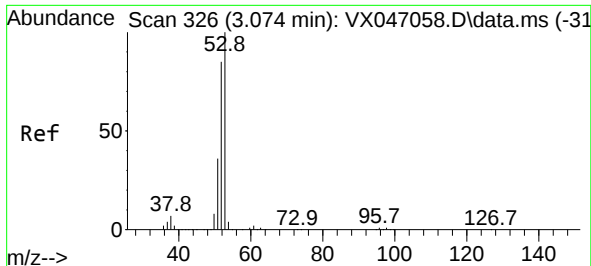
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#14
Allyl chloride
Concen: 19.277 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

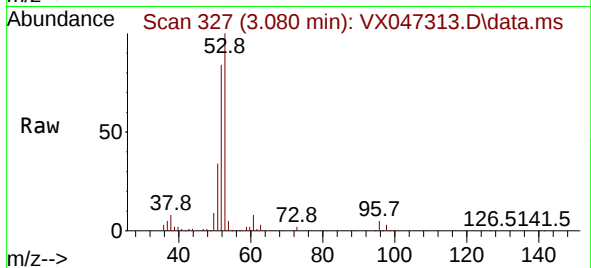
Tgt Ion: 41 Resp: 88743
Ion Ratio Lower Upper
41 100
39 64.8 52.6 78.8
76 32.8 25.7 38.5





#15
Acrylonitrile
Concen: 113.289 ug/l
RT: 3.080 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

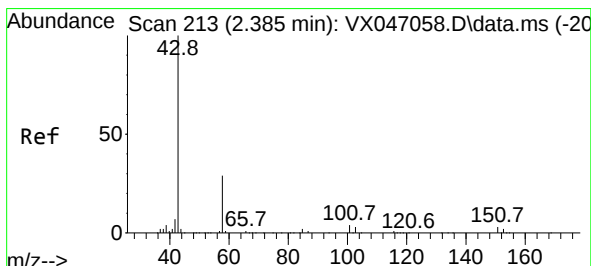
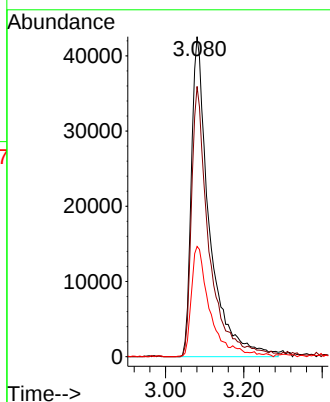
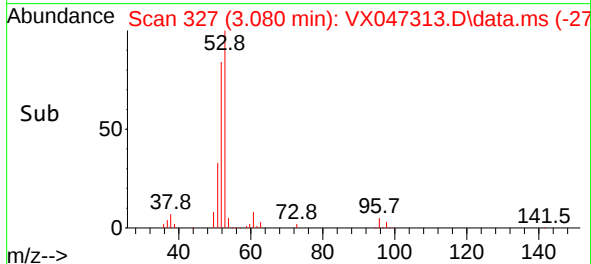
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 53 Resp: 13639
Ion Ratio Lower Upper
53 100
52 79.1 65.7 98.5
51 33.0 28.8 43.2

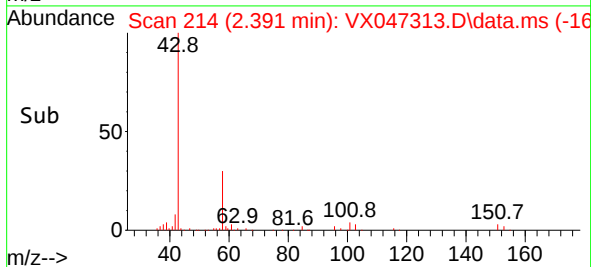
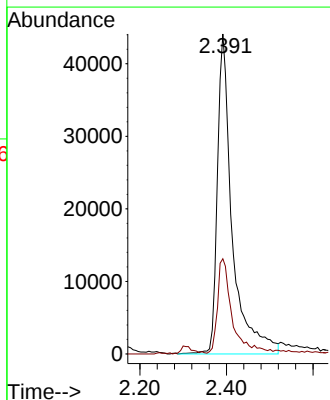
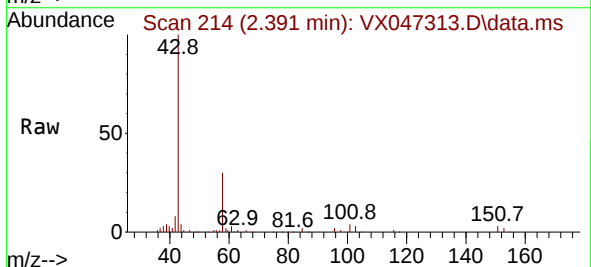
Manual Integrations
APPROVED

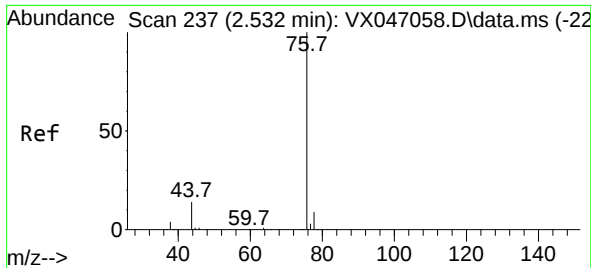
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#16
Acetone
Concen: 104.072 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

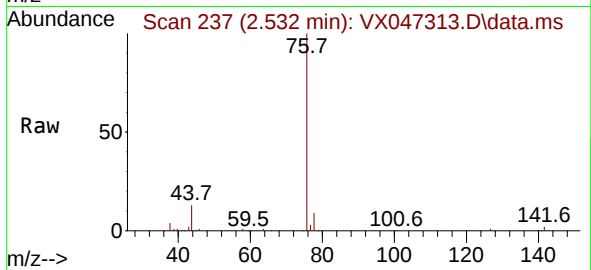
Tgt Ion: 43 Resp: 105243
Ion Ratio Lower Upper
43 100
58 29.4 24.0 36.0





#17
Carbon Disulfide
Concen: 18.527 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

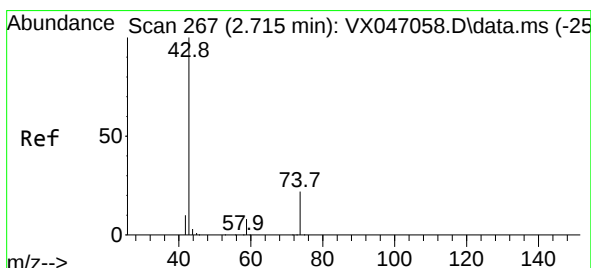
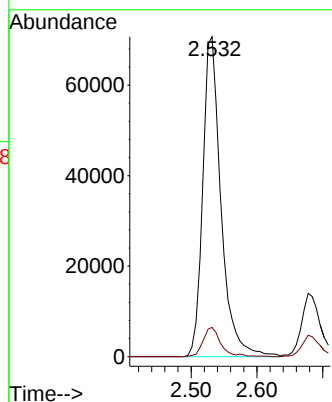
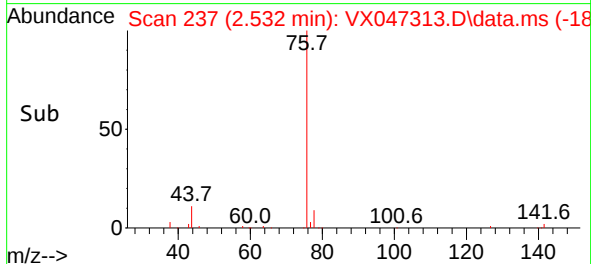
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 76 Resp: 136494
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

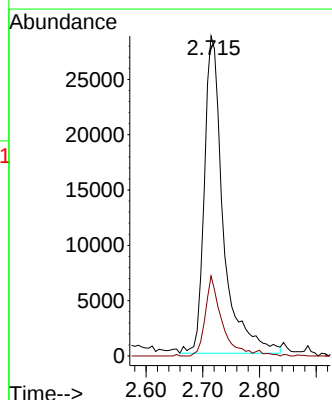
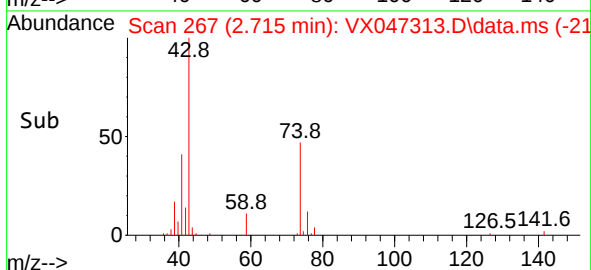
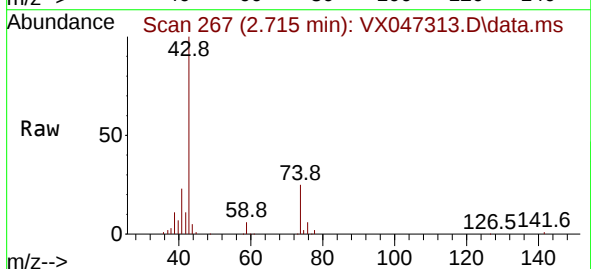
Manual Integrations
APPROVED

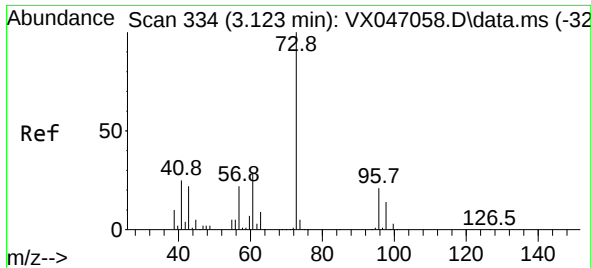
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#18
Methyl Acetate
Concen: 24.807 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

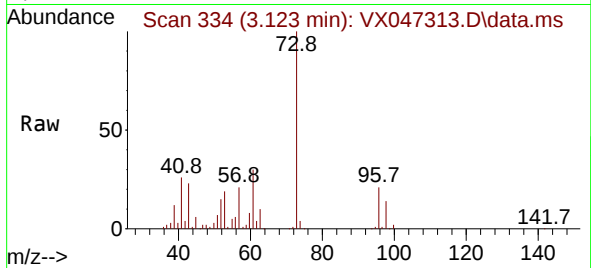
Tgt Ion: 43 Resp: 66666
Ion Ratio Lower Upper
43 100
74 21.7 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 21.854 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

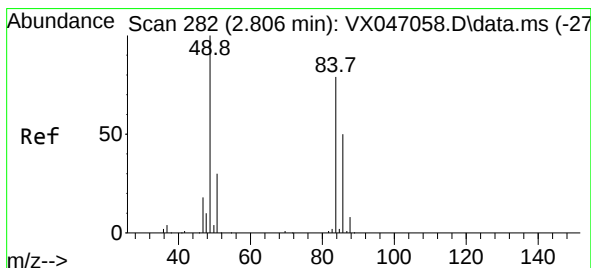
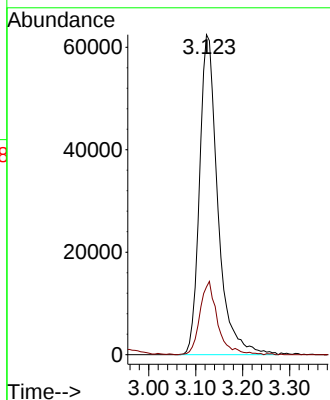
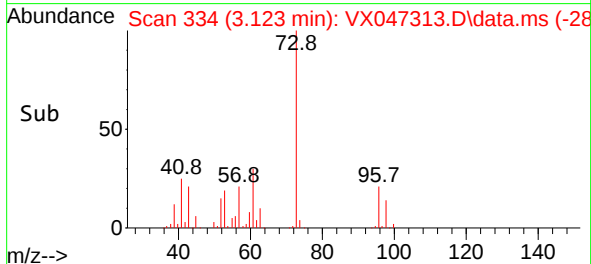
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 73 Resp: 16938
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5

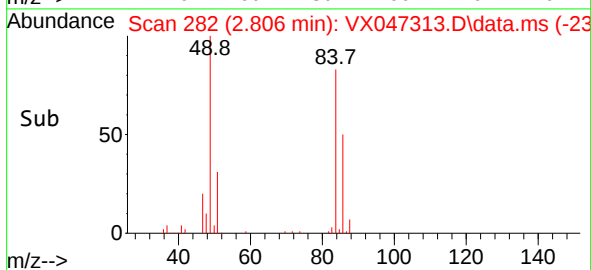
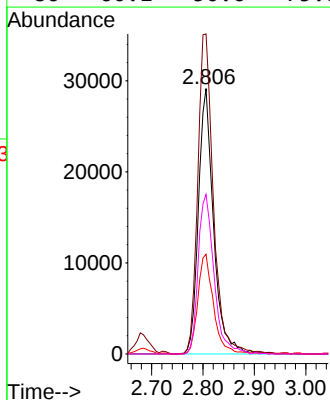
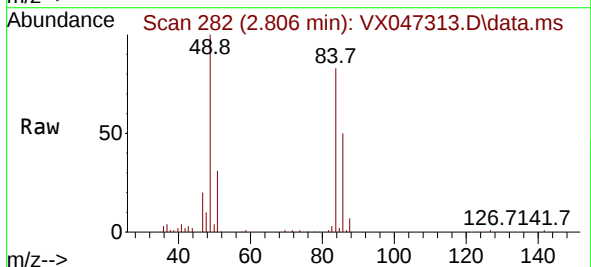
Manual Integrations
APPROVED

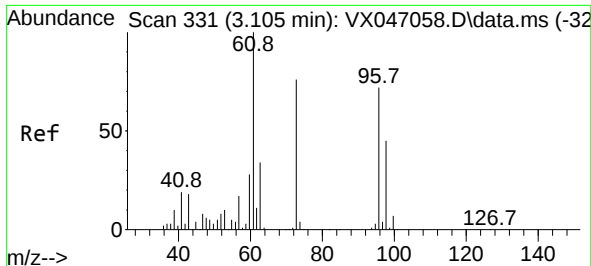
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#20
Methylene Chloride
Concen: 21.541 ug/l
RT: 2.806 min Scan# 282
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Tgt Ion: 84 Resp: 59927
Ion Ratio Lower Upper
84 100
49 120.5 101.6 152.4
51 37.5 30.3 45.5
86 60.1 50.6 75.8





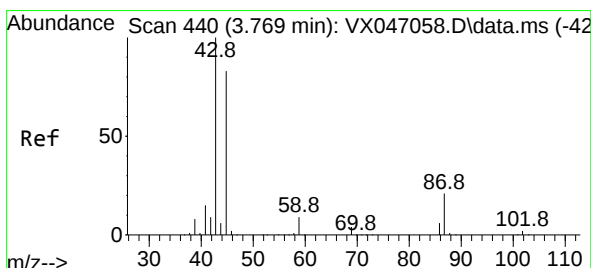
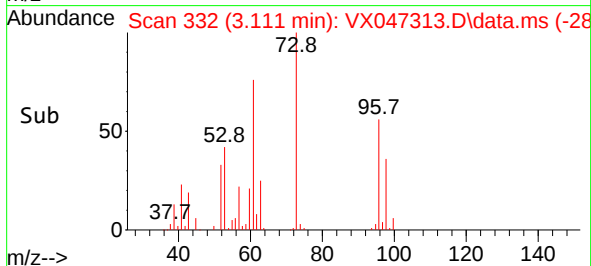
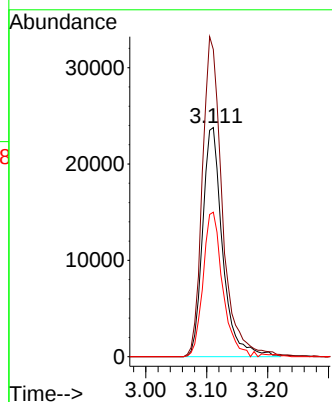
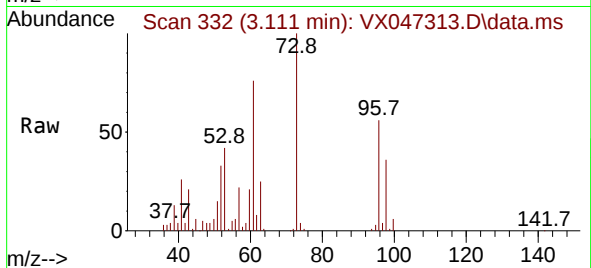
#21
trans-1,2-Dichloroethene
Concen: 20.783 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01

Tgt Ion: 96 Resp: 54162
Ion Ratio Lower Upper
96 100
61 134.1 111.1 166.7
98 63.0 49.6 74.4

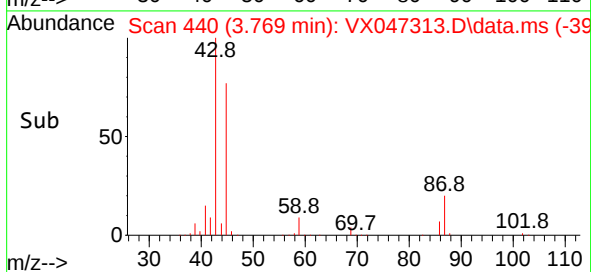
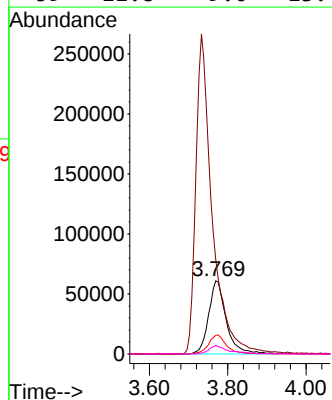
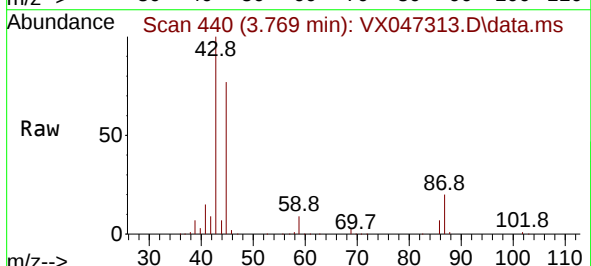
Manual Integrations
APPROVED

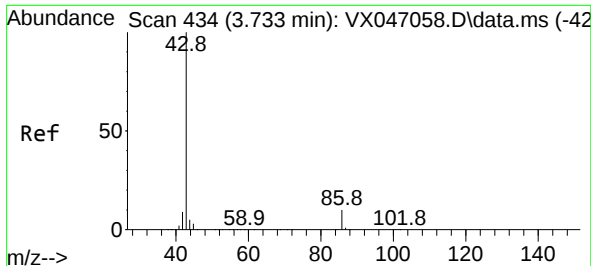
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#22
Diisopropyl ether
Concen: 21.453 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Tgt Ion: 45 Resp: 189873
Ion Ratio Lower Upper
45 100
43 128.1 96.8 145.2
87 25.3 20.5 30.7
59 11.8 9.0 13.4





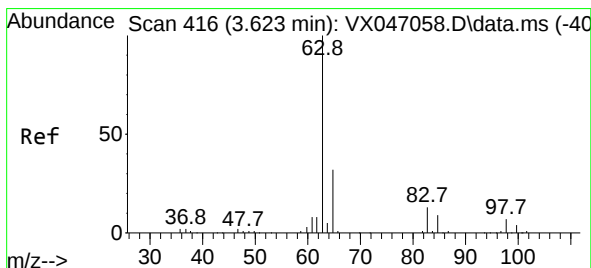
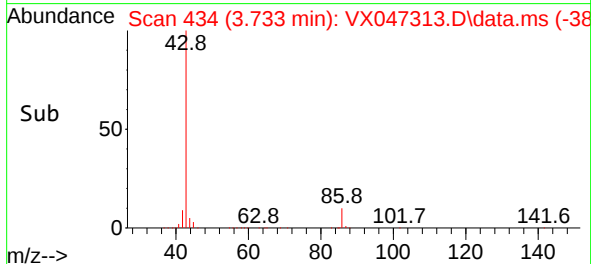
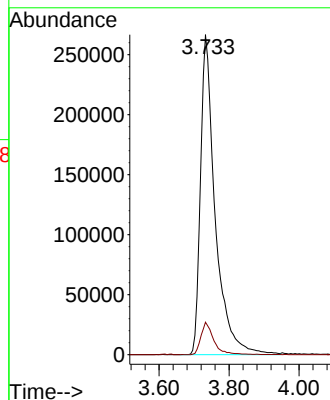
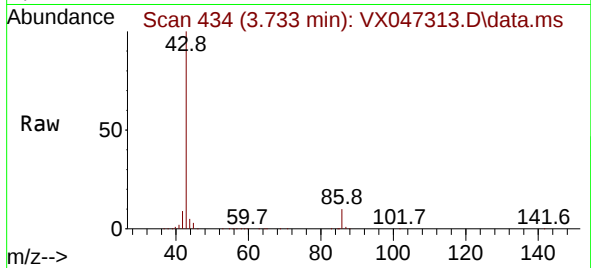
#23
 Vinyl Acetate
 Concen: 109.658 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047313.D
 Acq: 13 Aug 2025 11:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

Tgt Ion: 43 Resp: 77843
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1

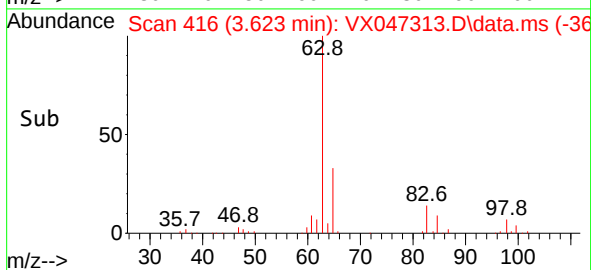
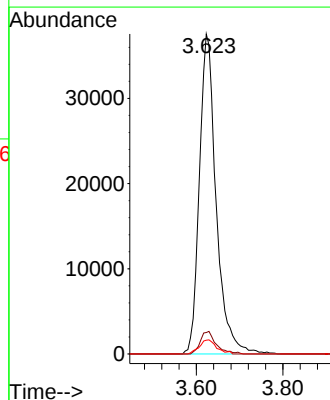
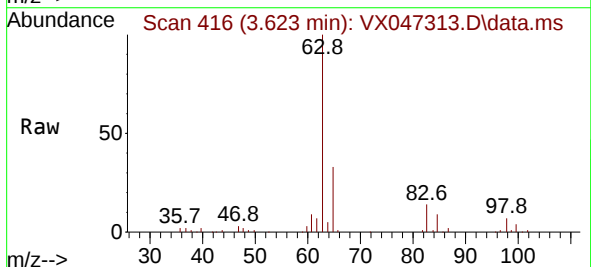
Manual Integrations
 APPROVED

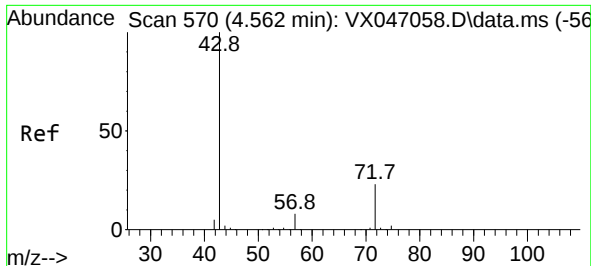
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025



#24
 1,1-Dichloroethane
 Concen: 20.543 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047313.D
 Acq: 13 Aug 2025 11:52

Tgt Ion: 63 Resp: 101105
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.3 2.3 6.8





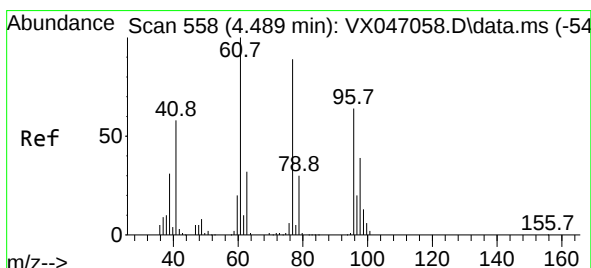
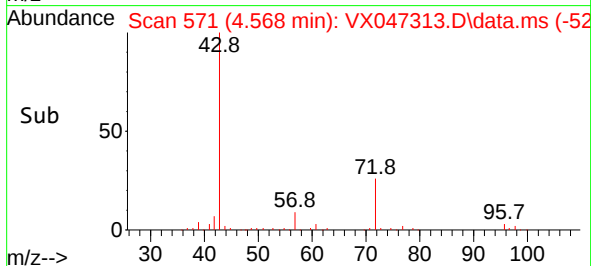
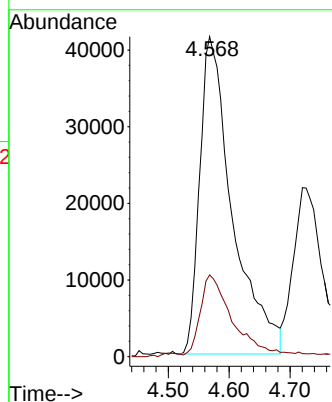
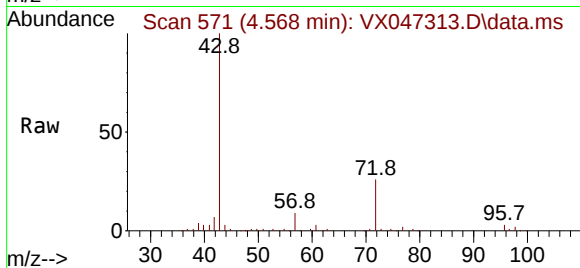
#25
2-Butanone
Concen: 104.747 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01

Tgt Ion: 43 Resp: 154230
Ion Ratio Lower Upper
43 100
72 25.0 18.8 28.2

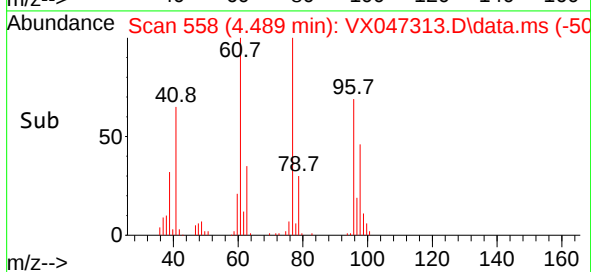
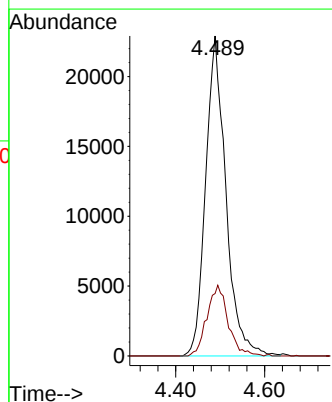
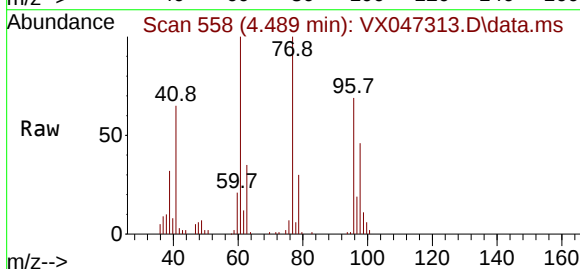
Manual Integrations
APPROVED

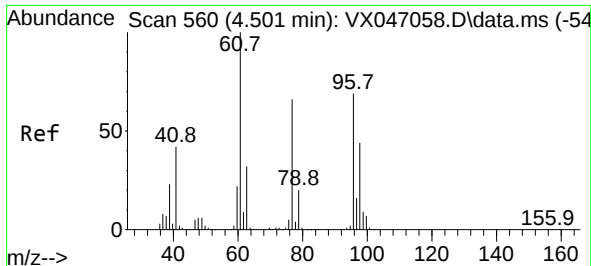
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#26
2,2-Dichloropropane
Concen: 19.049 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Tgt Ion: 77 Resp: 72574
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.776 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX047313.D

Acq: 13 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

Tgt Ion: 96 Resp: 64114

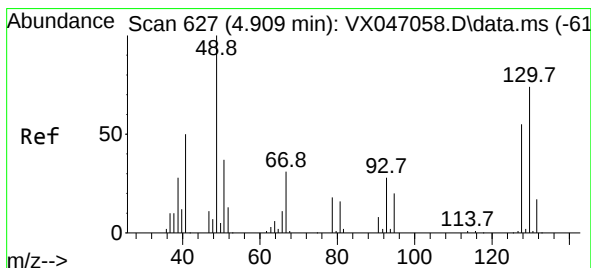
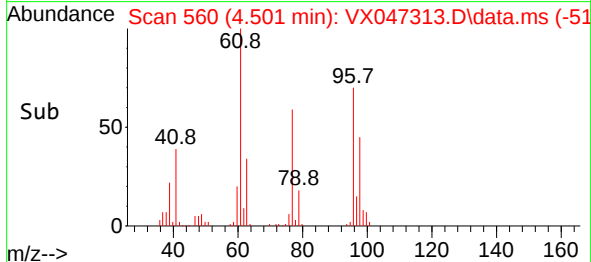
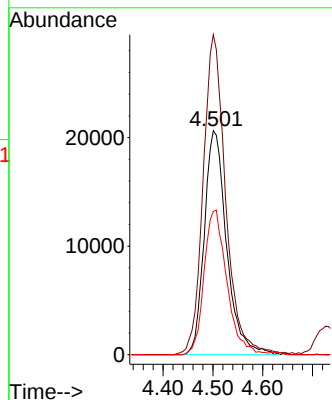
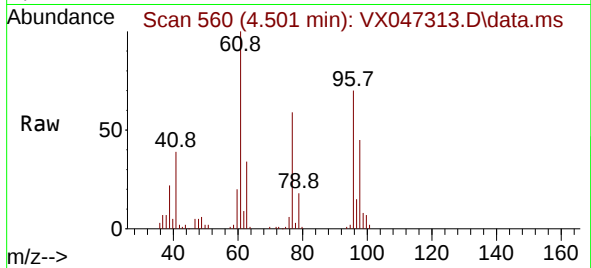
Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	298.6
98	65.8	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#28

Bromochloromethane

Concen: 23.700 ug/l

RT: 4.909 min Scan# 627

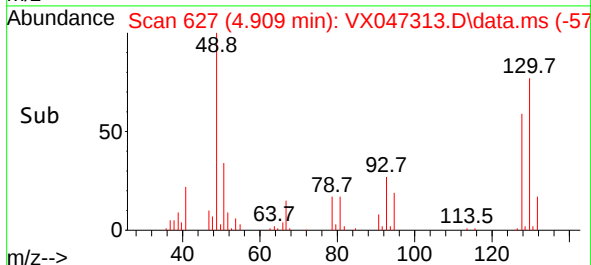
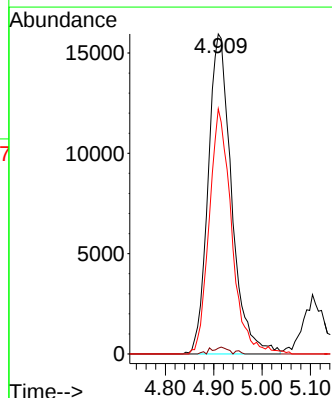
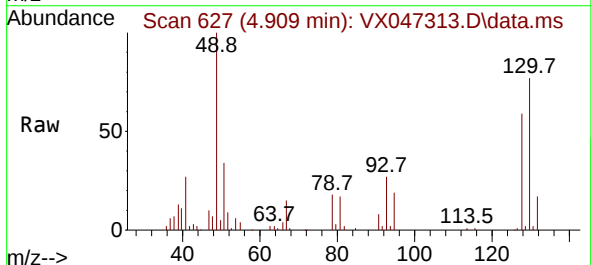
Delta R.T. -0.000 min

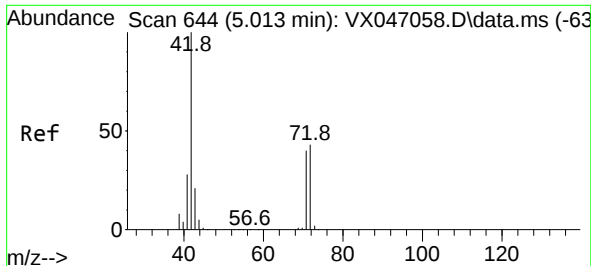
Lab File: VX047313.D

Acq: 13 Aug 2025 11:52

Tgt Ion: 49 Resp: 53663

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	73.4	59.0	88.4





#29

Tetrahydrofuran

Concen: 100.696 ug/l

RT: 5.025 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX047313.D

Acq: 13 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

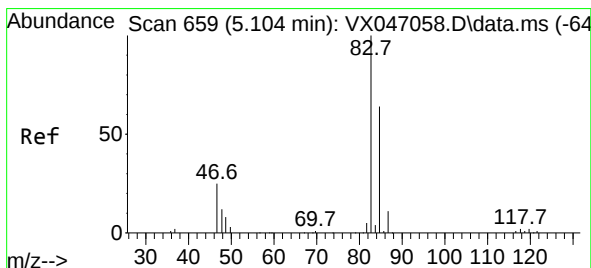
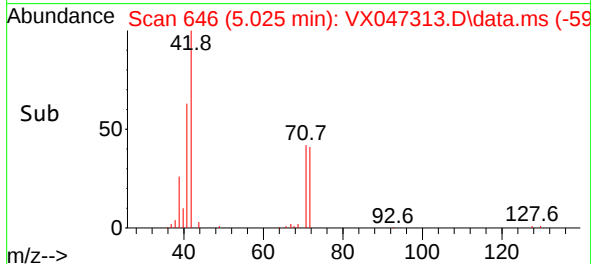
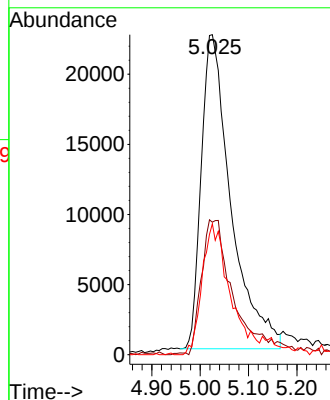
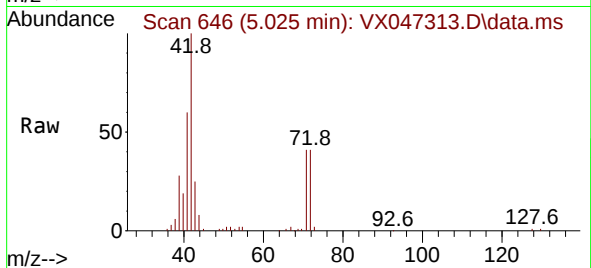
Tgt Ion:	42	Resp:	9566
Ion Ratio	Lower	Upper	
42	100		
72	45.3	33.7	50.5
71	38.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#30

Chloroform

Concen: 21.155 ug/l

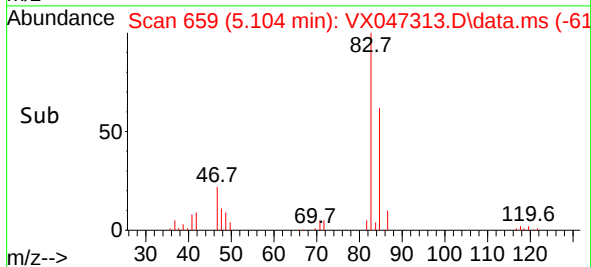
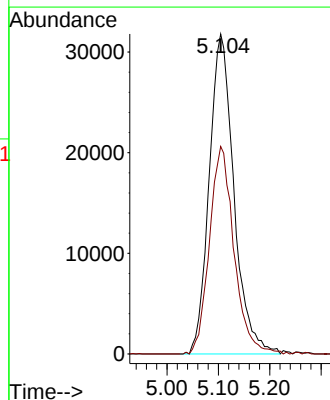
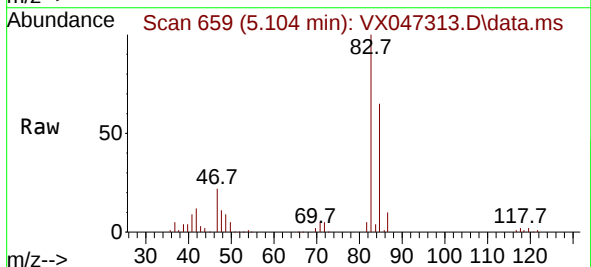
RT: 5.104 min Scan# 659

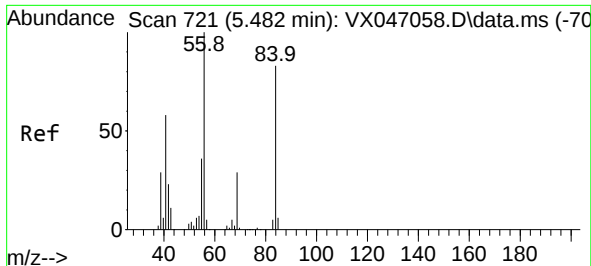
Delta R.T. -0.000 min

Lab File: VX047313.D

Acq: 13 Aug 2025 11:52

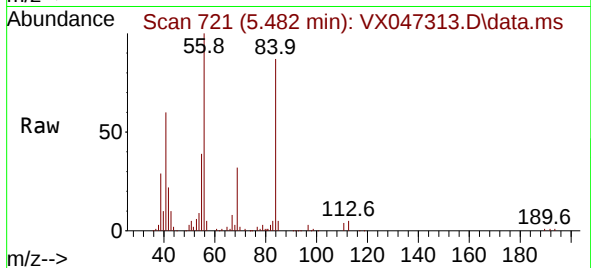
Tgt Ion:	83	Resp:	105983
Ion Ratio	Lower	Upper	
83	100		
85	64.9	50.9	76.3





#31
Cyclohexane
Concen: 18.780 ug/l
RT: 5.482 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

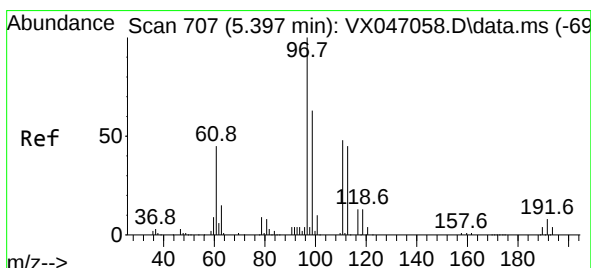
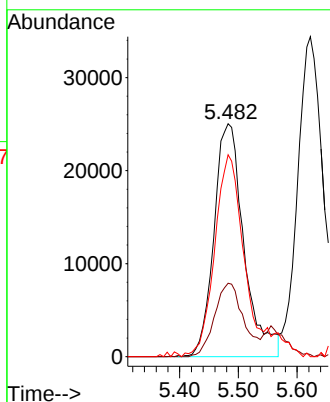
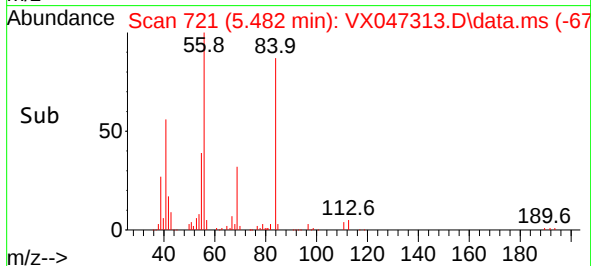
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 56 Resp: 88621
Ion Ratio Lower Upper
56 100
69 31.0 23.3 34.9
84 85.4 66.5 99.7

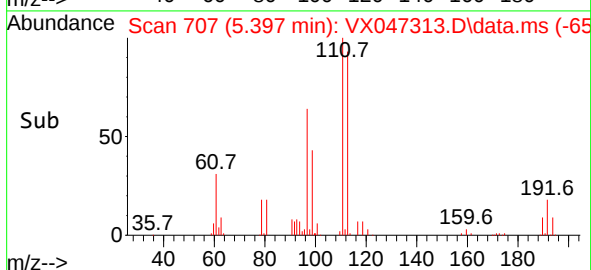
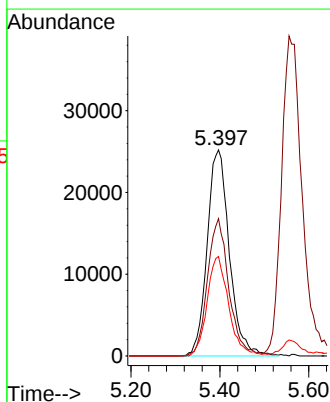
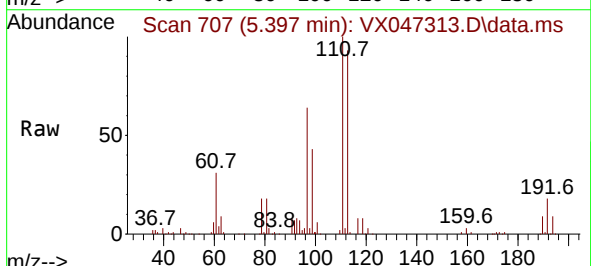
Manual Integrations
APPROVED

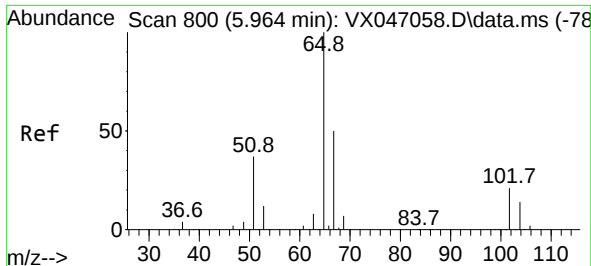
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#32
1,1,1-Trichloroethane
Concen: 20.136 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

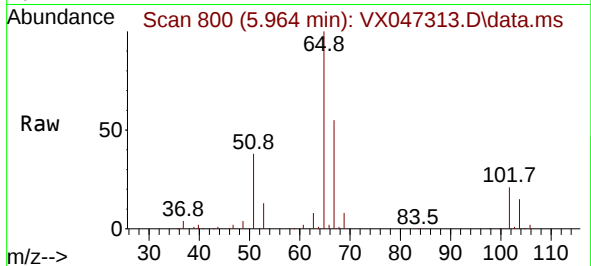
Tgt Ion: 97 Resp: 87621
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 46.8 37.1 55.7





#33
 1,2-Dichloroethane-d4
 Concen: 53.243 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX047313.D
 Acq: 13 Aug 2025 11:52

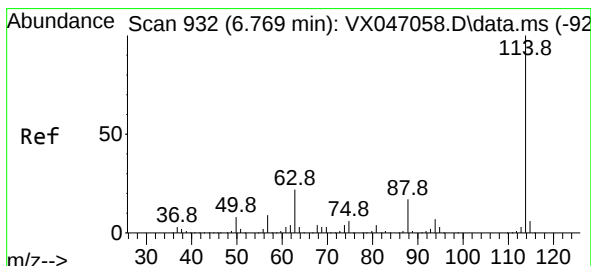
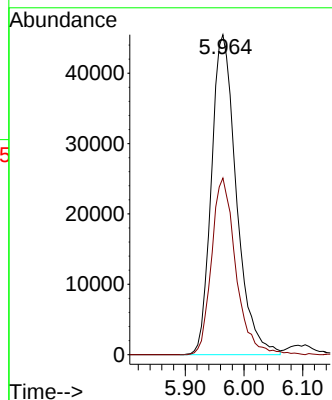
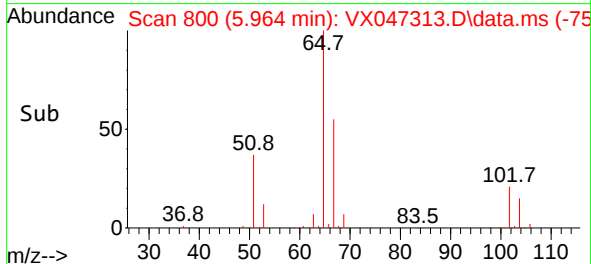
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01



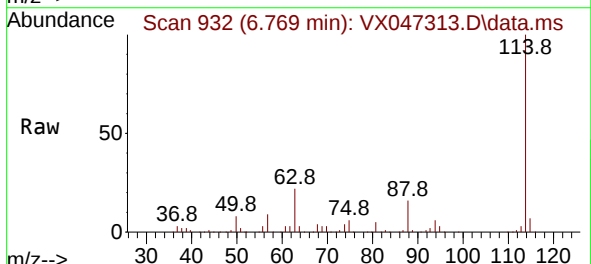
Tgt Ion: 65 Resp: 13440
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 104.8

Manual Integrations
 APPROVED

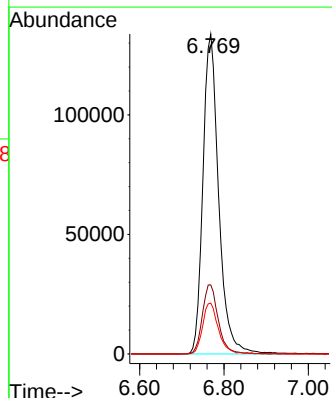
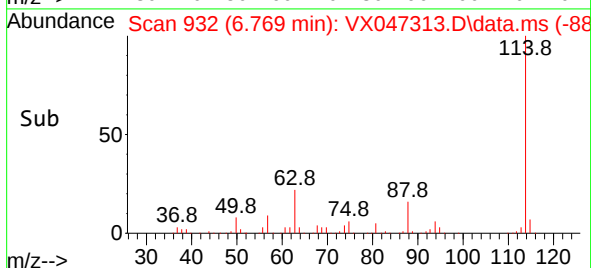
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

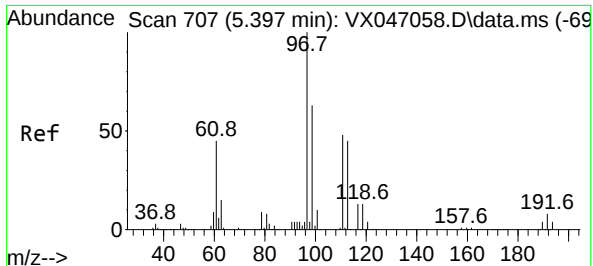


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX047313.D
 Acq: 13 Aug 2025 11:52



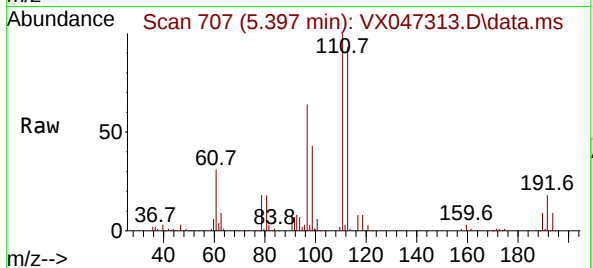
Tgt Ion:114 Resp: 347739
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.9 0.0 33.8





#35
Dibromofluoromethane
Concen: 55.807 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

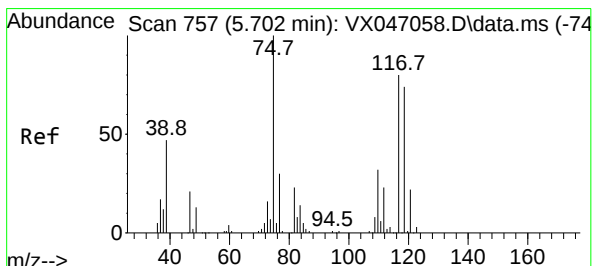
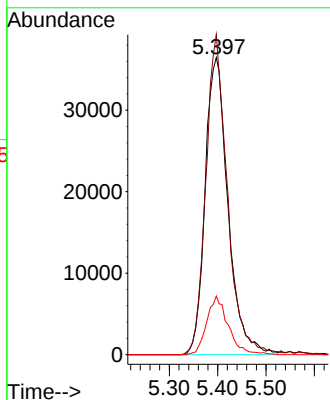
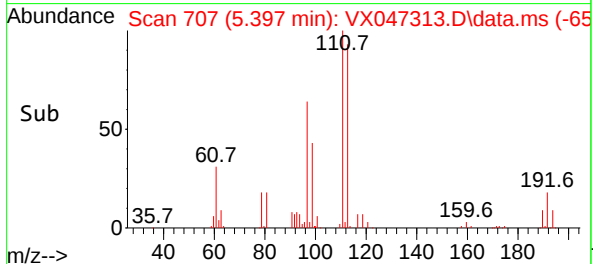
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 113 Resp: 119820
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 18.5 14.9 22.3

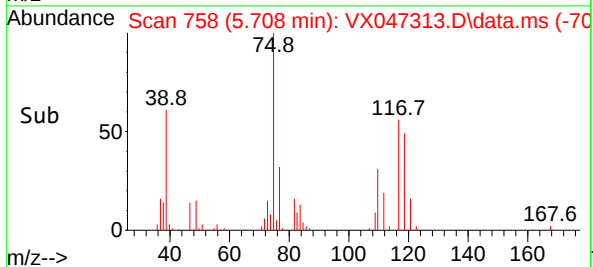
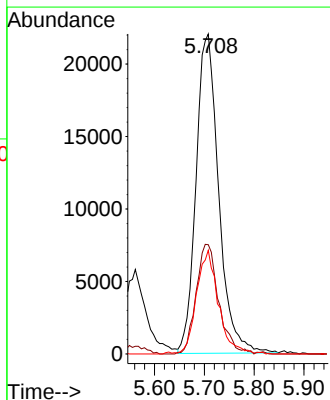
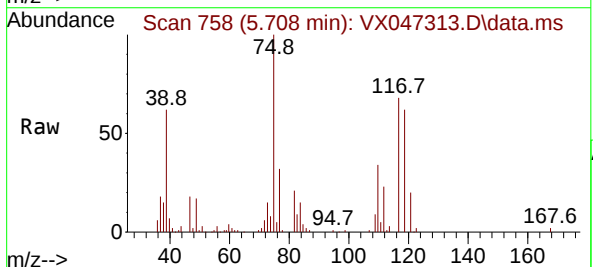
Manual Integrations
APPROVED

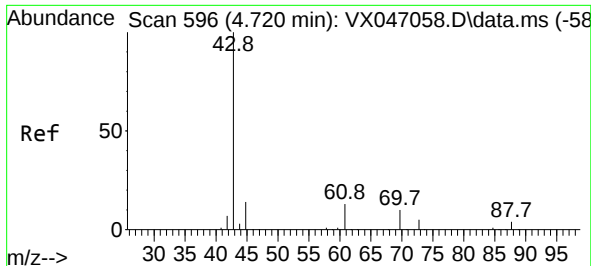
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#36
1,1-Dichloropropene
Concen: 19.013 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.006 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Tgt Ion: 75 Resp: 69586
Ion Ratio Lower Upper
75 100
110 34.1 17.2 51.5
77 30.4 25.1 37.7





#37

Ethyl Acetate

Concen: 22.389 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX047313.D

Acq: 13 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

Tgt Ion: 43 Resp: 7550

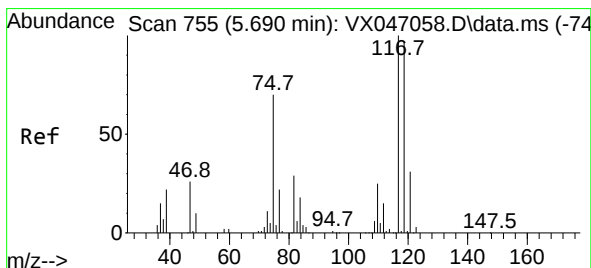
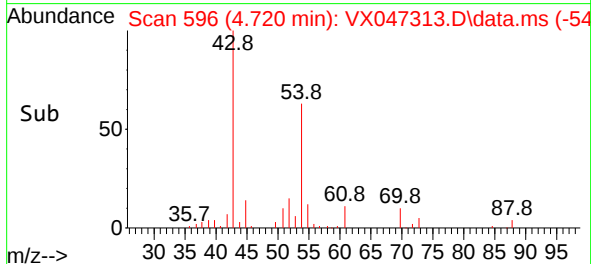
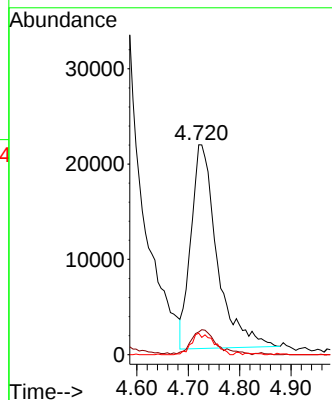
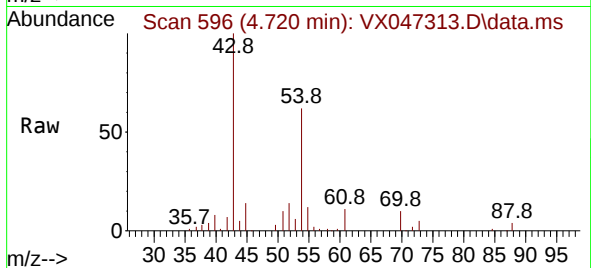
Ion	Ratio	Lower	Upper
43	100		
61	11.9	10.2	15.2
70	9.0	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#38

Carbon Tetrachloride

Concen: 19.355 ug/l

RT: 5.684 min Scan# 754

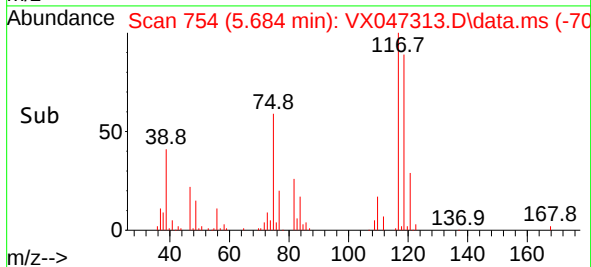
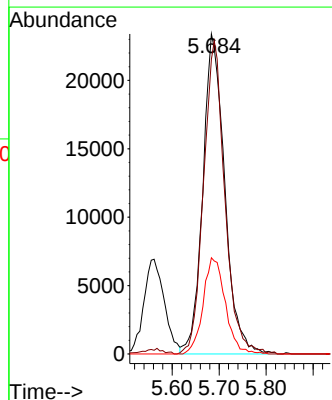
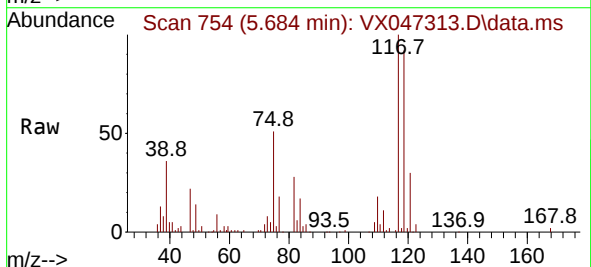
Delta R.T. -0.006 min

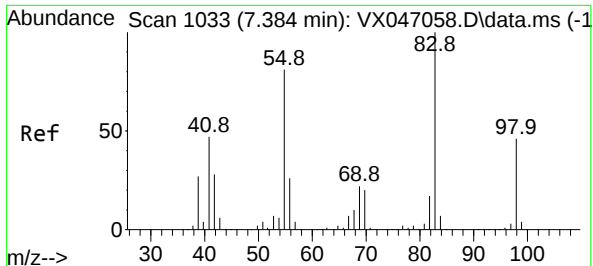
Lab File: VX047313.D

Acq: 13 Aug 2025 11:52

Tgt Ion:117 Resp: 75605

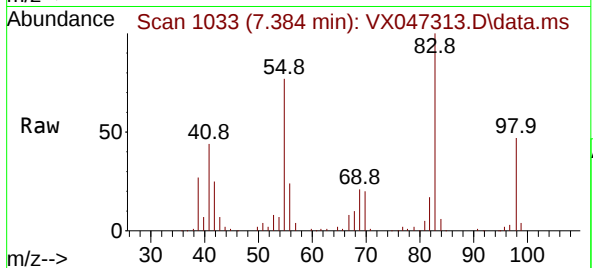
Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.6	115.0
121	30.4	24.4	36.6





#39
Methylcyclohexane
Concen: 18.287 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

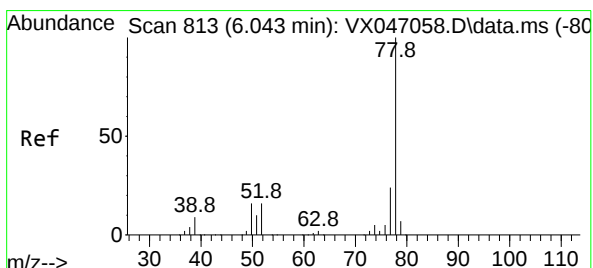
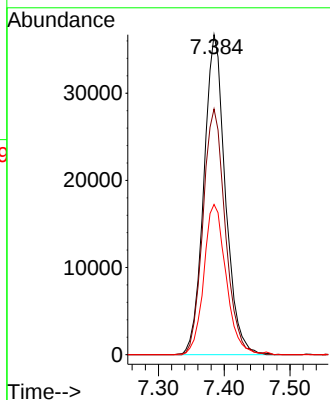
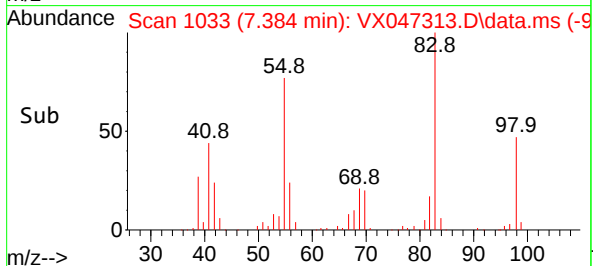
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 83 Resp: 8356
Ion Ratio Lower Upper
83 100
55 76.7 64.5 96.7
98 46.9 36.9 55.3

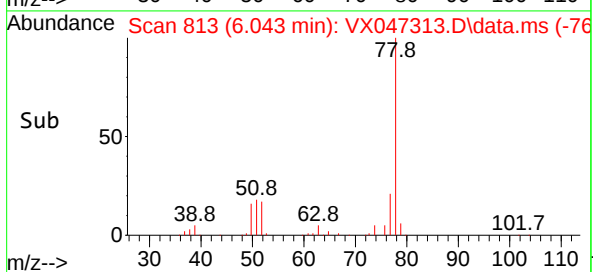
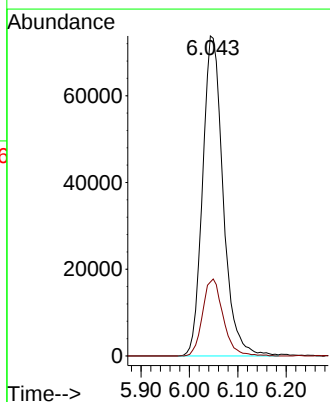
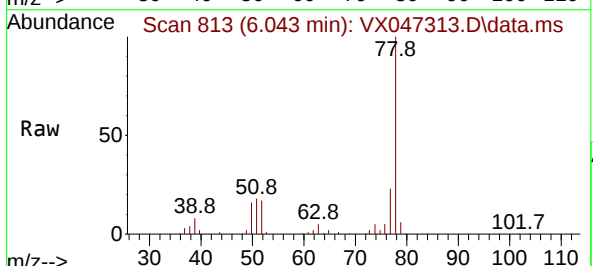
Manual Integrations
APPROVED

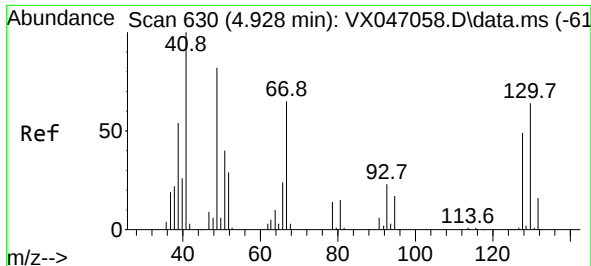
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#40
Benzene
Concen: 20.539 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

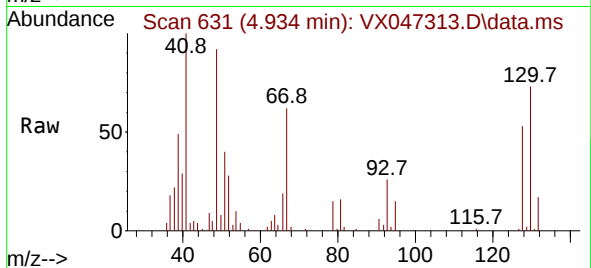
Tgt Ion: 78 Resp: 217544
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4





#41
Methacrylonitrile
Concen: 20.701 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

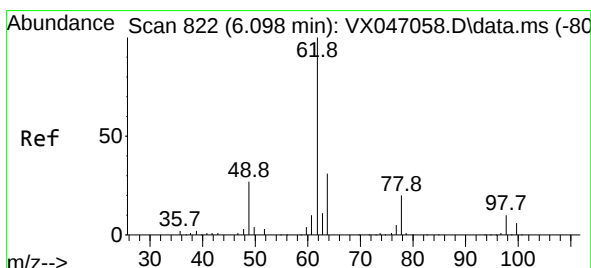
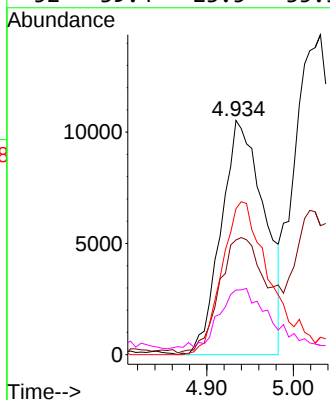
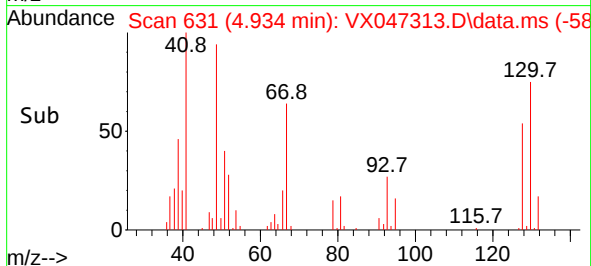
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 41 Resp: 3650
Ion Ratio Lower Upper
41 100
39 50.1 44.2 66.2
67 72.6 56.4 84.6
52 39.4 23.5 35.3#

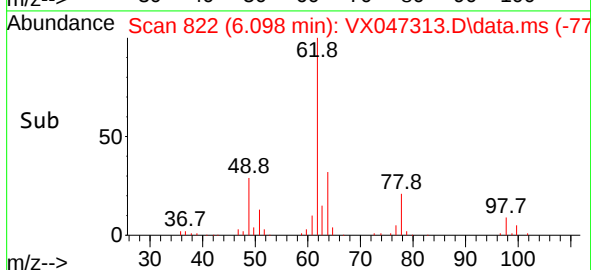
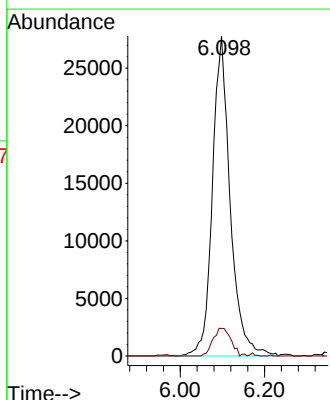
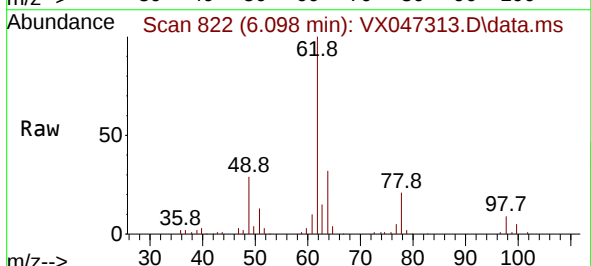
Manual Integrations
APPROVED

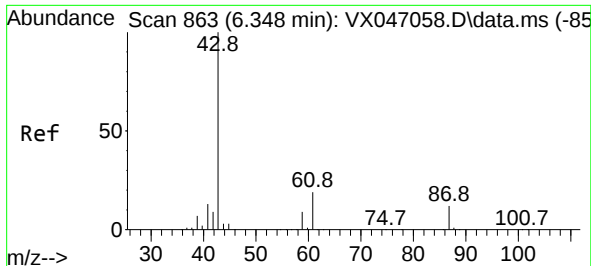
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#42
1,2-Dichloroethane
Concen: 21.772 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

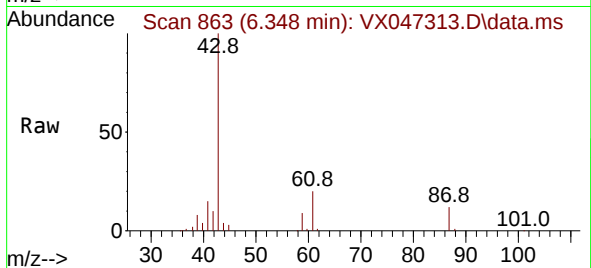
Tgt Ion: 62 Resp: 81232
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.8





#43
Isopropyl Acetate
Concen: 21.965 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

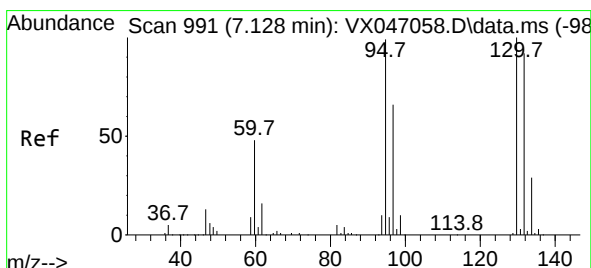
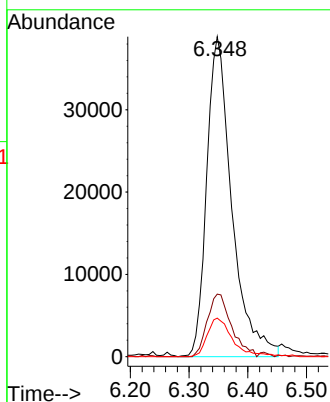
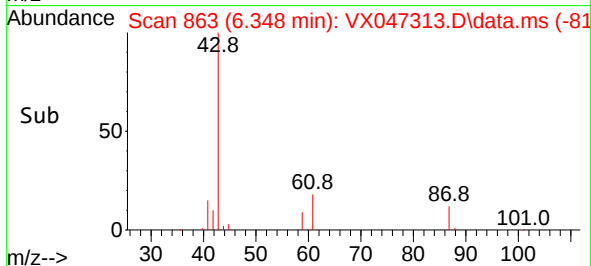
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 43 Resp: 115479
Ion Ratio Lower Upper
43 100
61 18.7 15.1 22.7
87 12.2 9.7 14.5

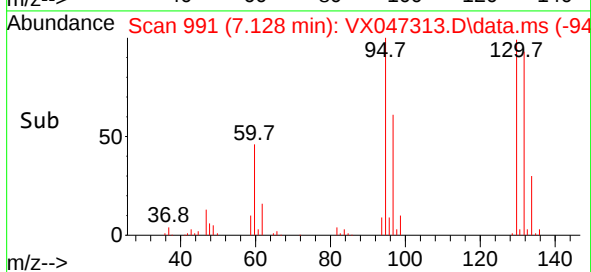
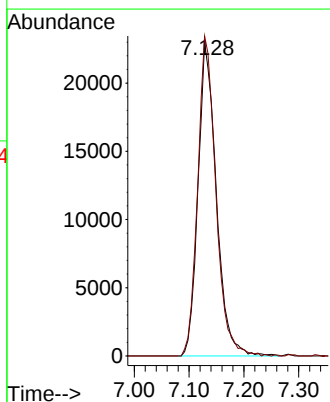
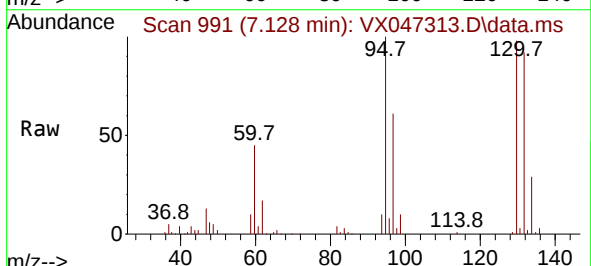
Manual Integrations
APPROVED

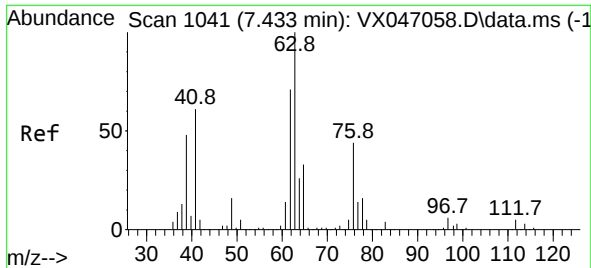
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#44
Trichloroethene
Concen: 19.640 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

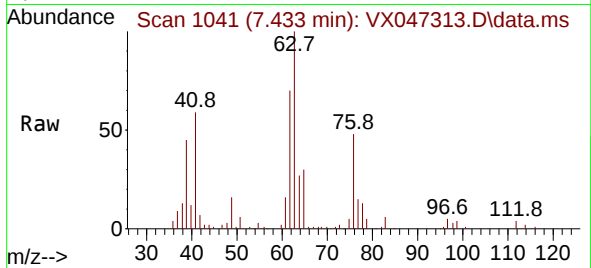
Tgt Ion:130 Resp: 53343
Ion Ratio Lower Upper
130 100
95 102.0 0.0 198.6





#45
1,2-Dichloropropane
Concen: 20.800 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

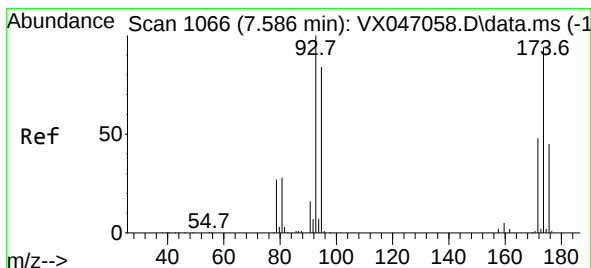
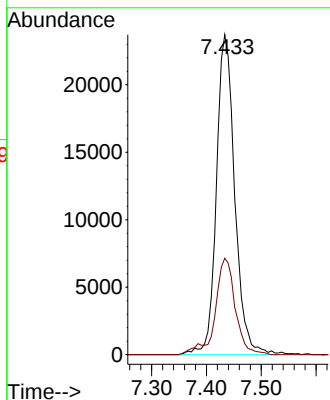
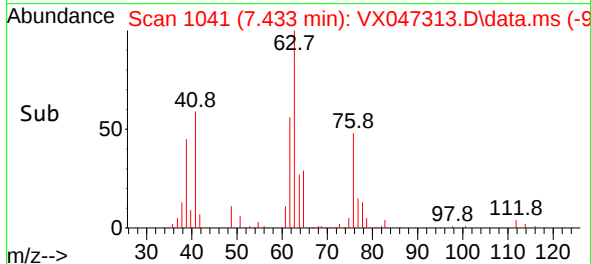
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 63 Resp: 5517
Ion Ratio Lower Upper
63 100
65 30.1 26.3 39.5

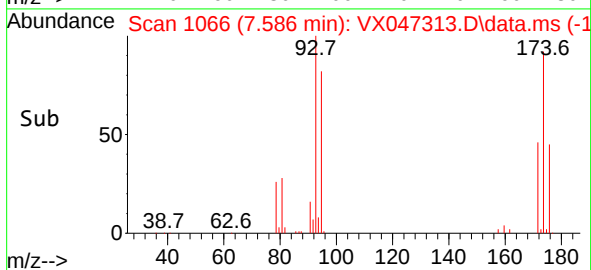
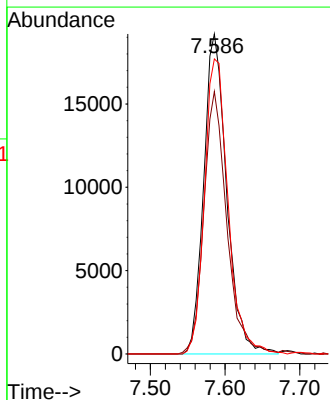
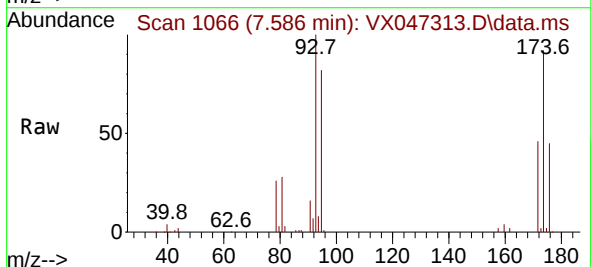
Manual Integrations
APPROVED

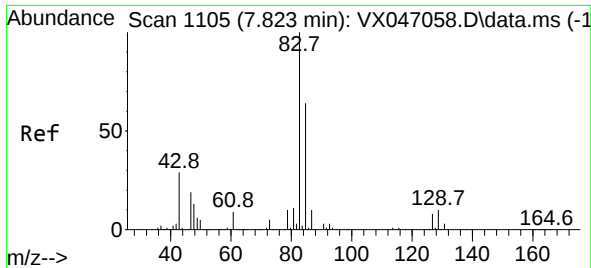
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#46
Dibromomethane
Concen: 22.053 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Tgt Ion: 93 Resp: 41024
Ion Ratio Lower Upper
93 100
95 81.8 65.9 98.9
174 94.8 74.6 112.0





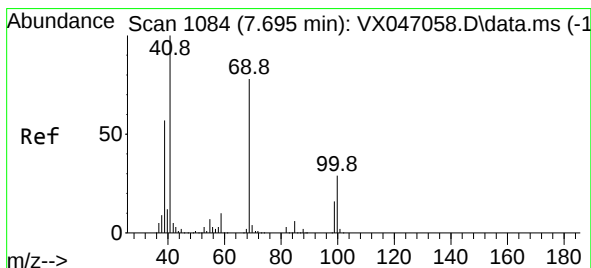
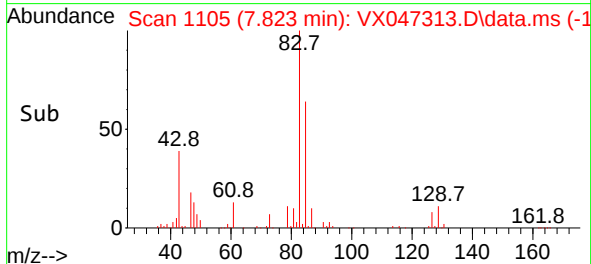
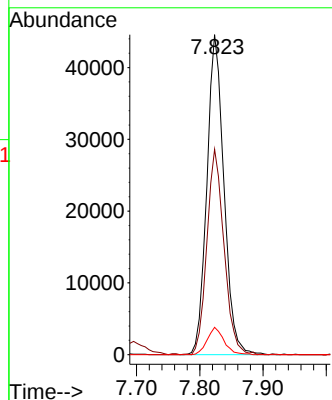
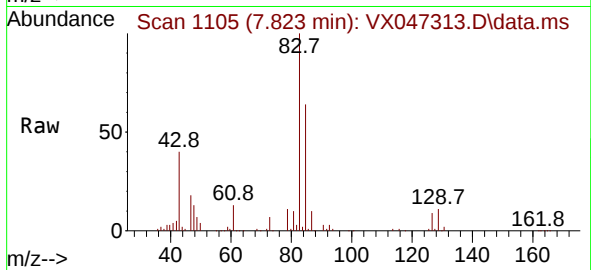
#47
Bromodichloromethane
Concen: 21.178 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01

Tgt Ion: 83 Resp: 83850
Ion Ratio Lower Upper
83 100
85 65.3 49.9 74.9
127 9.4 6.6 10.0

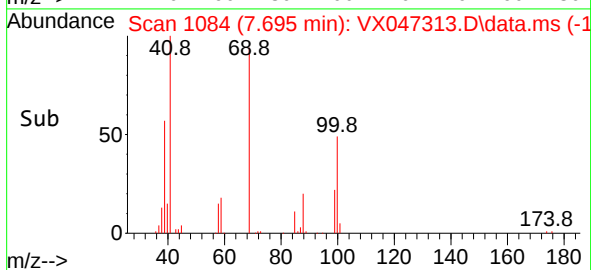
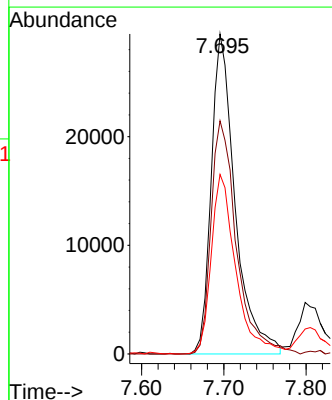
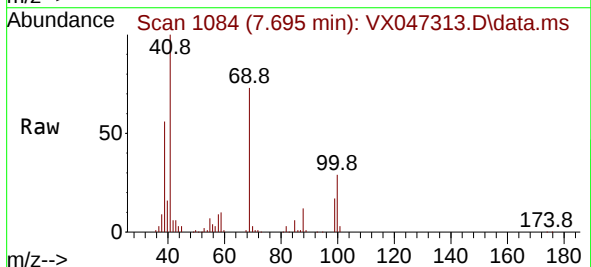
Manual Integrations
APPROVED

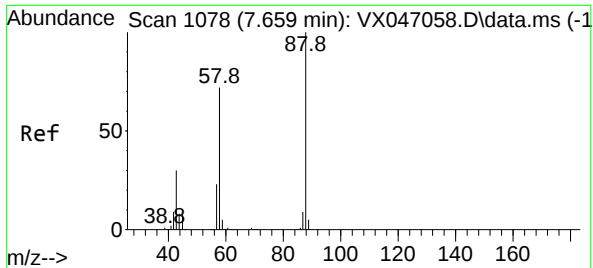
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#48
Methyl methacrylate
Concen: 20.763 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

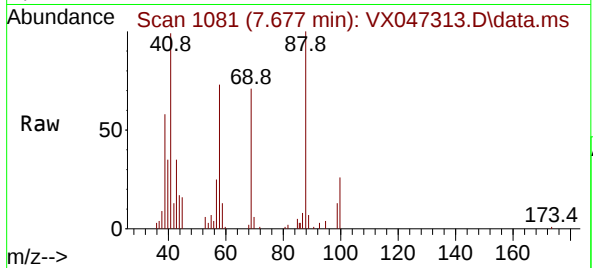
Tgt Ion: 41 Resp: 59468
Ion Ratio Lower Upper
41 100
69 77.7 62.3 93.5
39 57.8 44.8 67.2





#49
1,4-Dioxane
Concen: 403.928 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

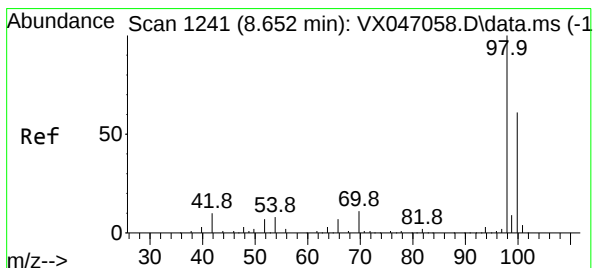
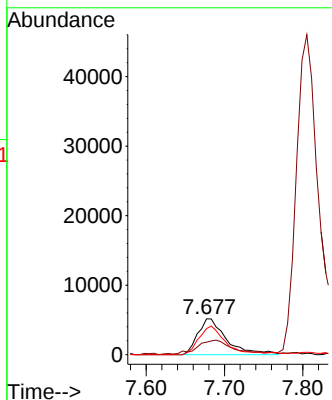
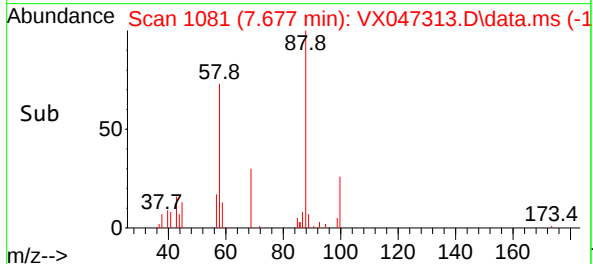
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 88 Resp: 13158
Ion Ratio Lower Upper
88 100
43 52.6 33.6 50.4
58 73.4 58.8 88.2

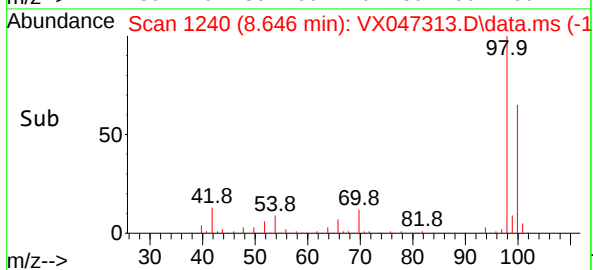
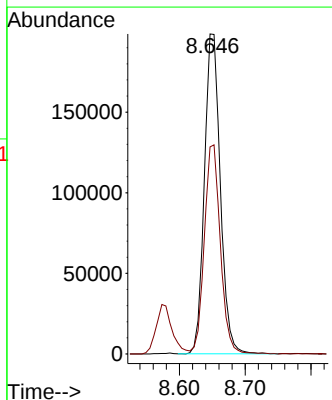
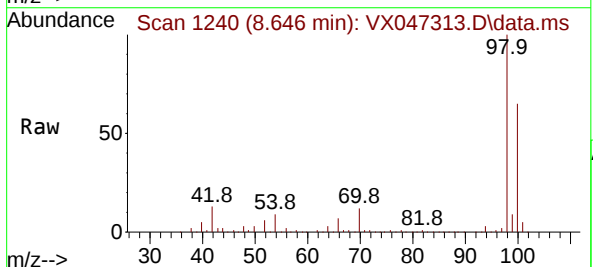
Manual Integrations
APPROVED

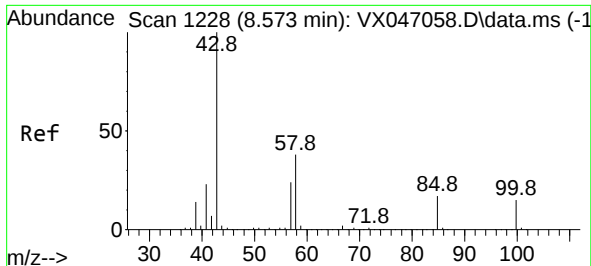
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#50
Toluene-d8
Concen: 48.114 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

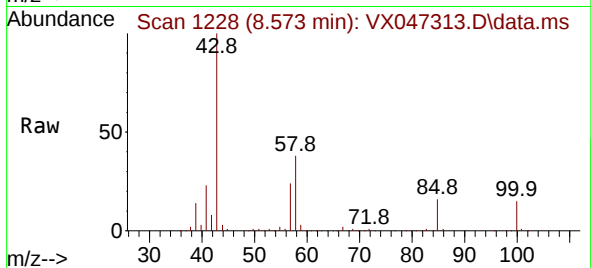
Tgt Ion: 98 Resp: 334546
Ion Ratio Lower Upper
98 100
100 65.9 53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 113.545 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

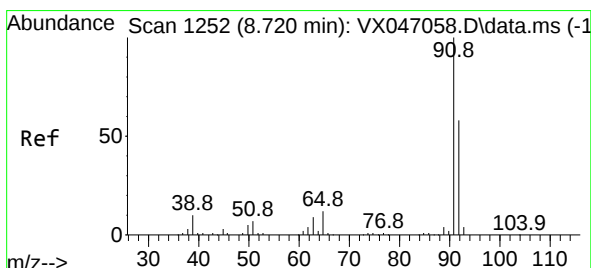
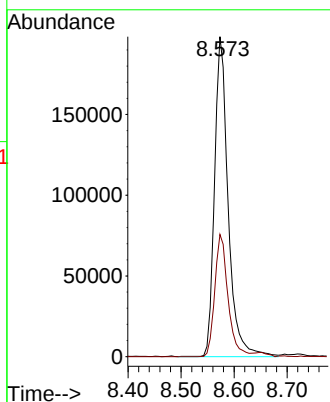
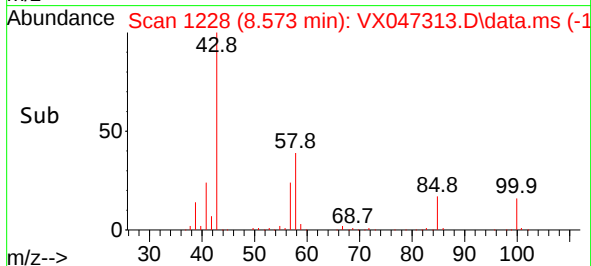
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 43 Resp: 354824
Ion Ratio Lower Upper
43 100
58 37.2 30.6 45.8

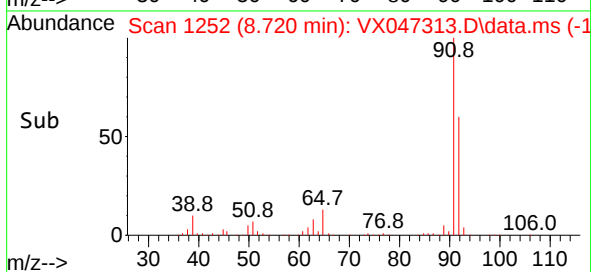
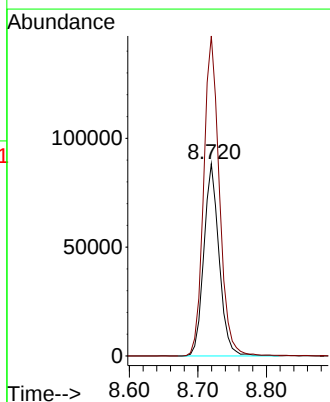
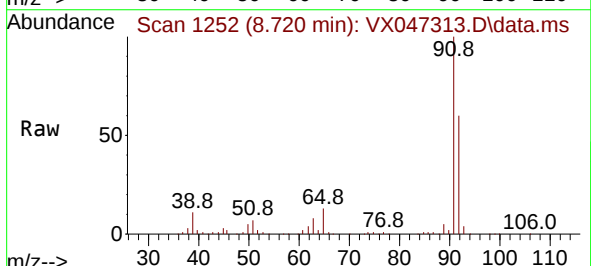
Manual Integrations
APPROVED

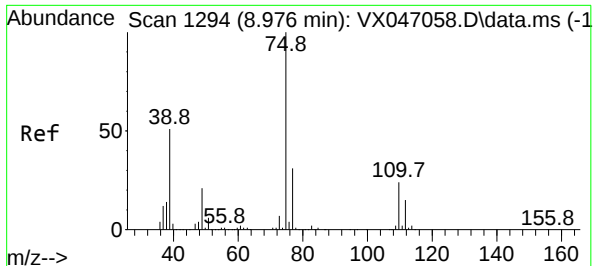
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#52
Toluene
Concen: 20.994 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Tgt Ion: 92 Resp: 136726
Ion Ratio Lower Upper
92 100
91 171.6 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 20.021 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX047313.D

Acq: 13 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

Tgt Ion: 75 Resp: 7485

Ion Ratio Lower Upper

75 100

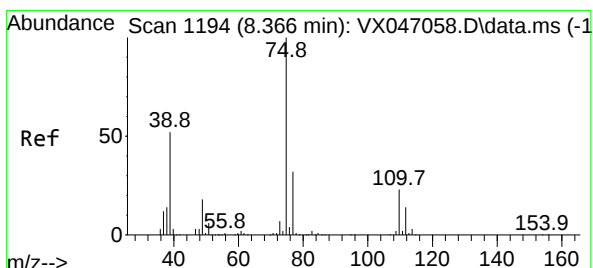
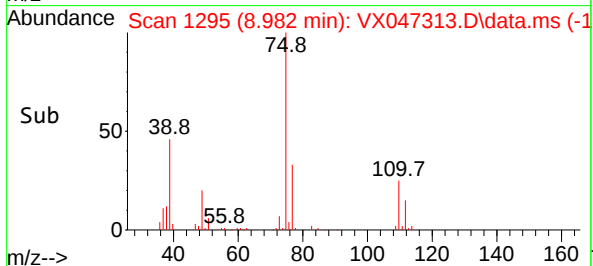
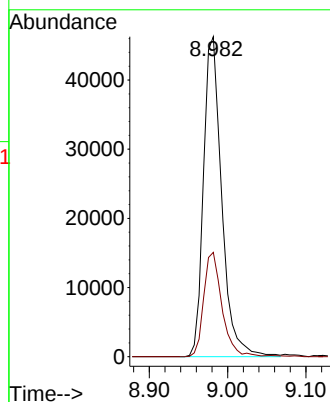
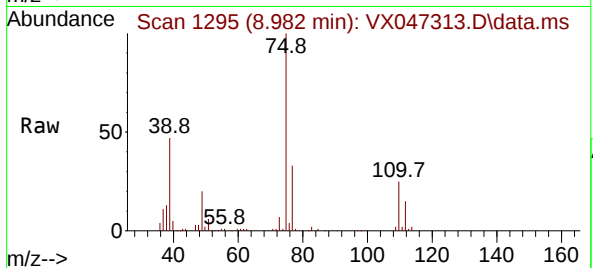
77 32.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#54

cis-1,3-Dichloropropene

Concen: 20.322 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047313.D

Acq: 13 Aug 2025 11:52

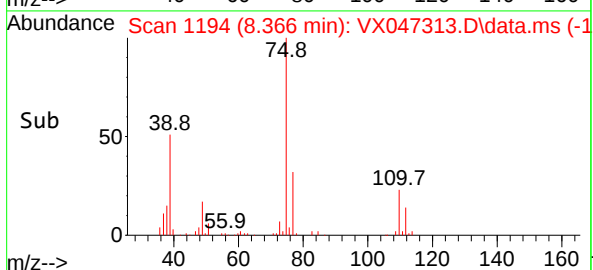
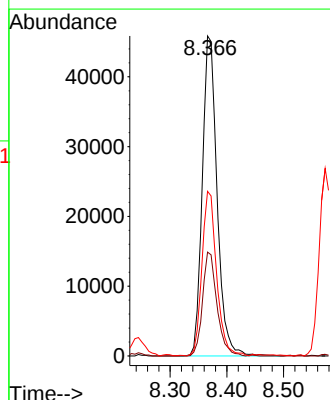
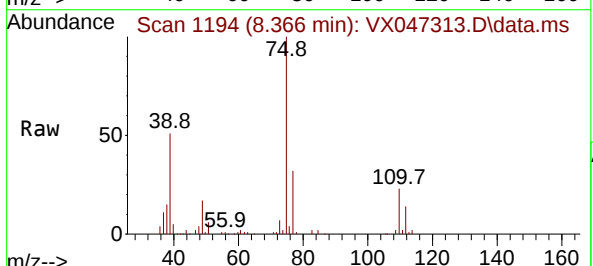
Tgt Ion: 75 Resp: 83165

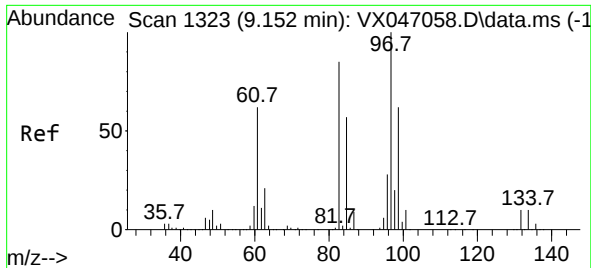
Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0

39 51.2 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 22.321 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

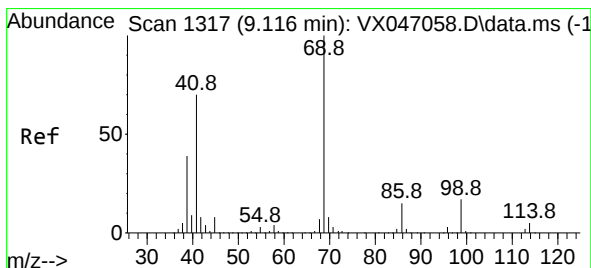
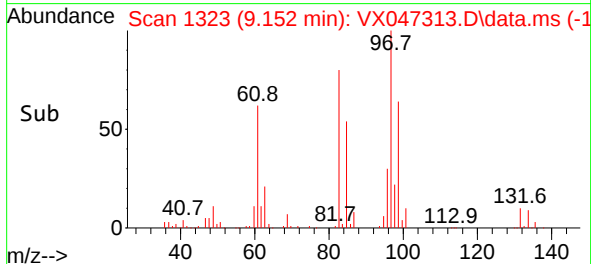
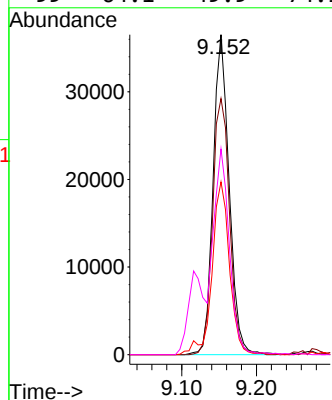
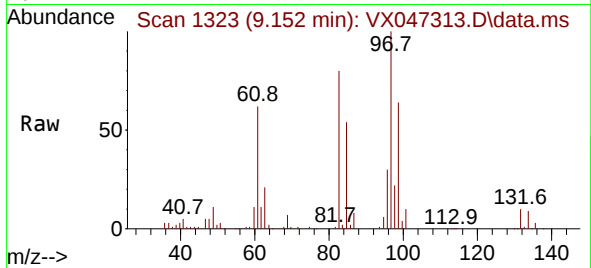
Tgt Ion:	97	Resp:	5451
Ion	Ratio	Lower	Upper
97	100		
83	82.2	68.0	102.0
85	54.0	45.2	67.8
99	64.1	49.9	74.9

Manual Integrations

APPROVED

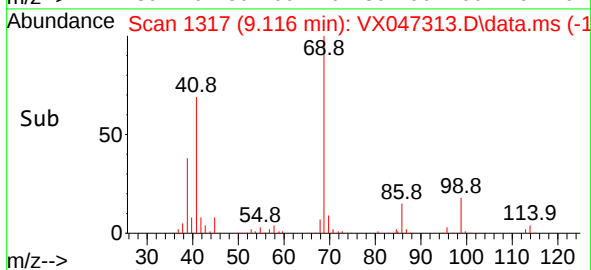
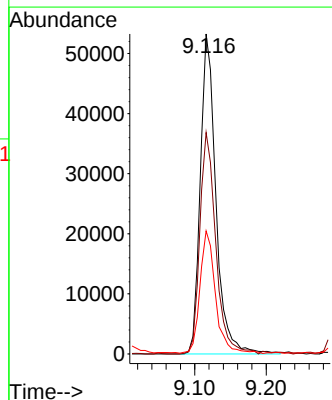
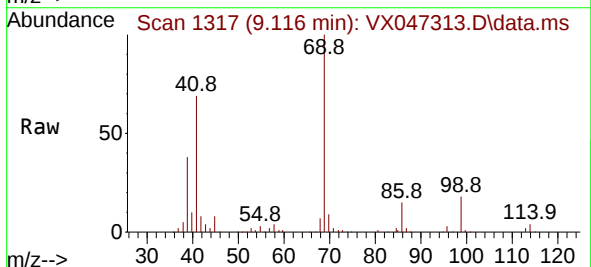
Reviewed By :John Carlone 08/14/2025

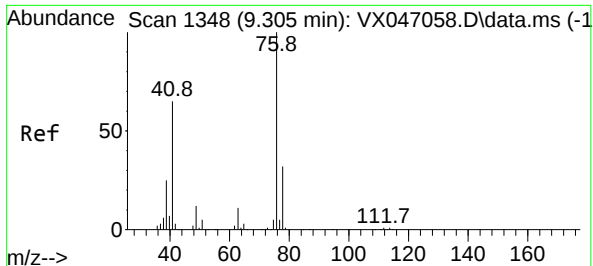
Supervised By :Mahesh Dadoda 08/18/2025



#56
Ethyl methacrylate
Concen: 22.355 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Tgt Ion:	69	Resp:	80828
Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.1	84.1
39	38.1	31.1	46.7





#57

1,3-Dichloropropane

Concen: 21.685 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX047313.D

Acq: 13 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

Tgt Ion: 76 Resp: 92049

Ion Ratio Lower Upper

76 100

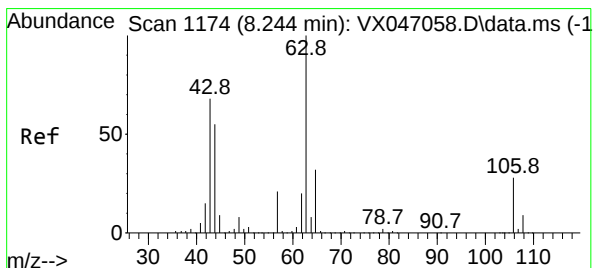
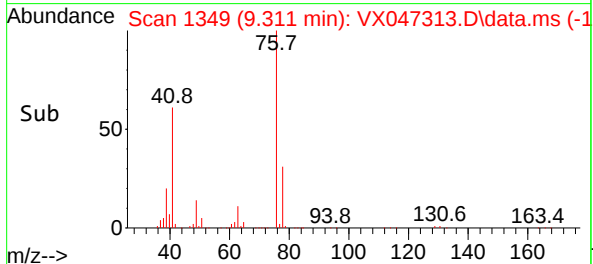
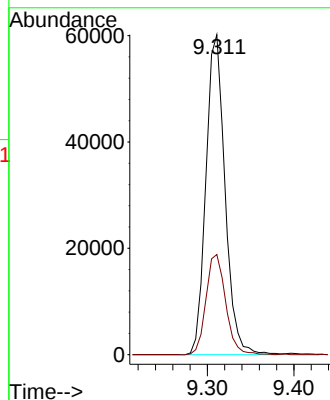
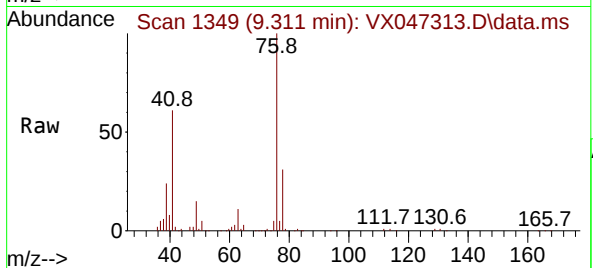
78 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 98.689 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX047313.D

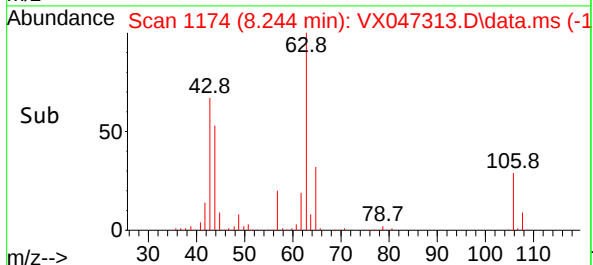
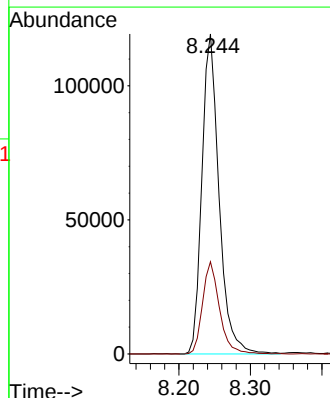
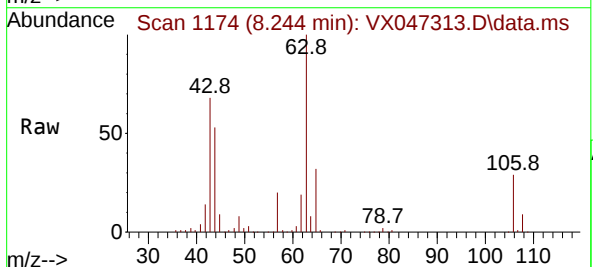
Acq: 13 Aug 2025 11:52

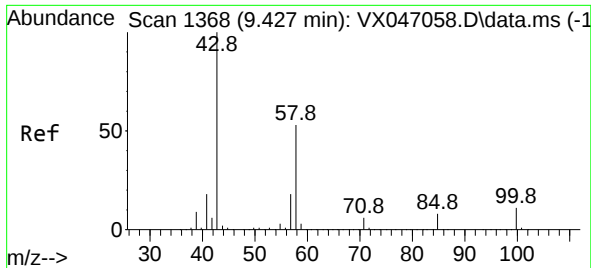
Tgt Ion: 63 Resp: 198566

Ion Ratio Lower Upper

63 100

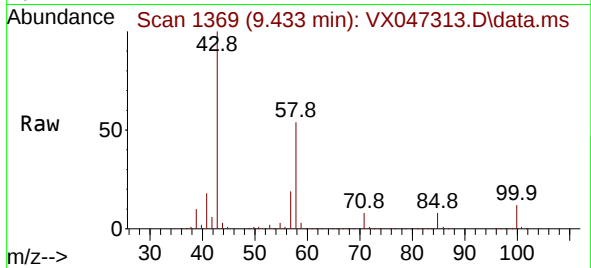
106 28.4 22.2 33.4





#59
2-Hexanone
Concen: 117.430 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

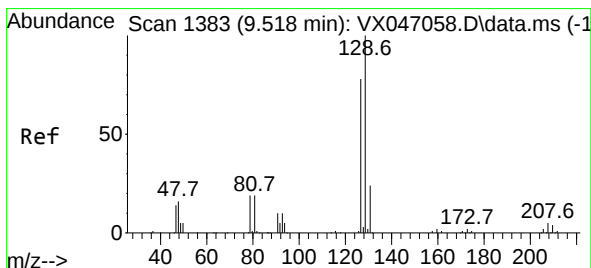
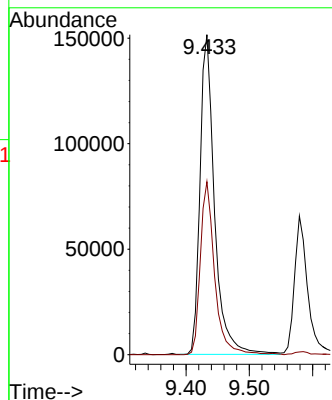
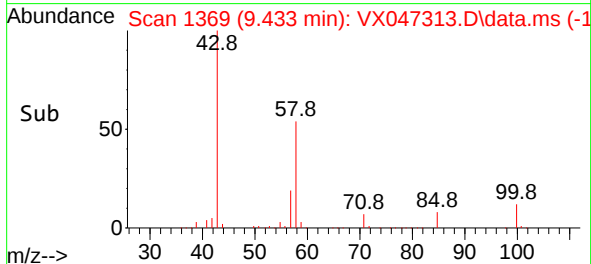
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 43 Resp: 242440
Ion Ratio Lower Upper
43 100
58 53.6 26.5 79.5

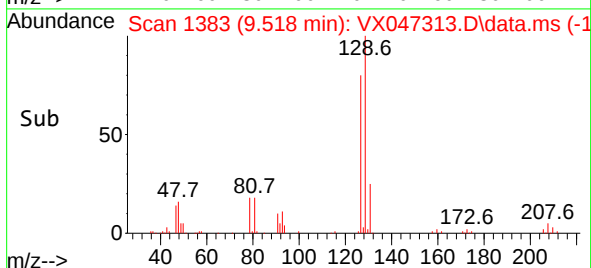
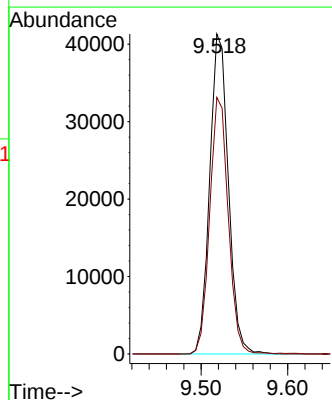
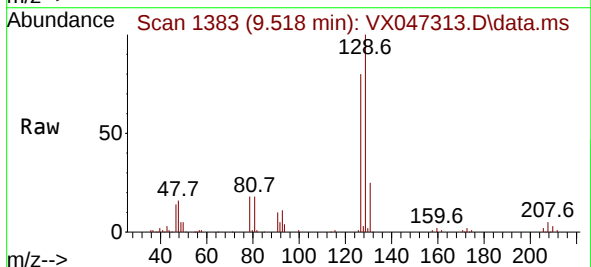
Manual Integrations
APPROVED

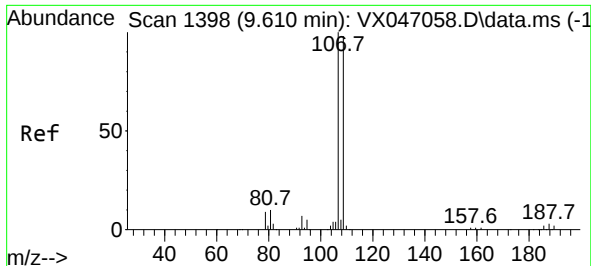
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#60
Dibromochloromethane
Concen: 21.569 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

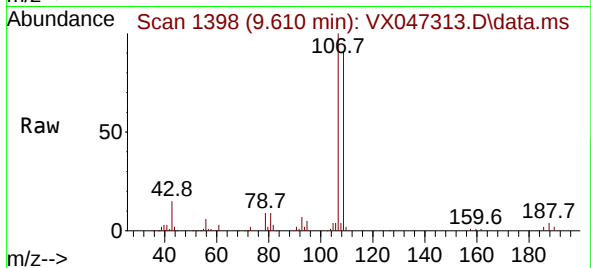
Tgt Ion:129 Resp: 61783
Ion Ratio Lower Upper
129 100
127 79.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 21.956 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

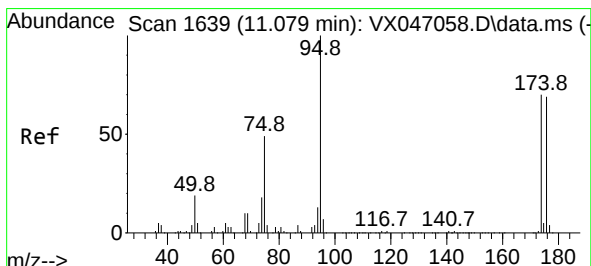
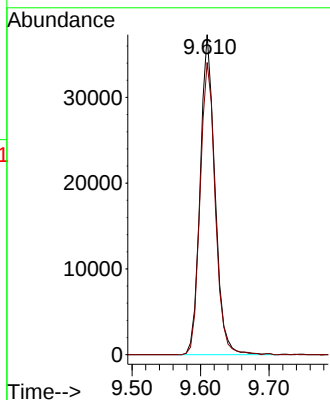
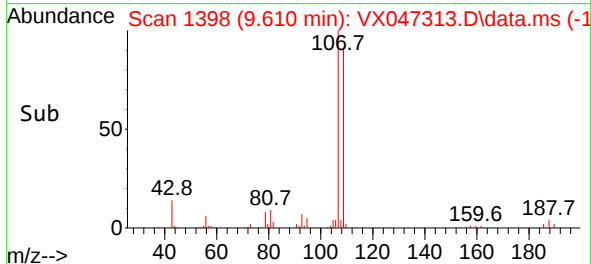
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



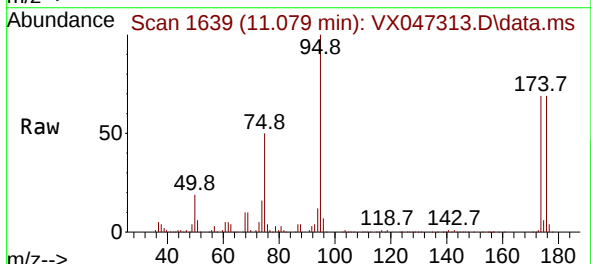
Tgt Ion:107 Resp: 5607
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0

Manual Integrations
APPROVED

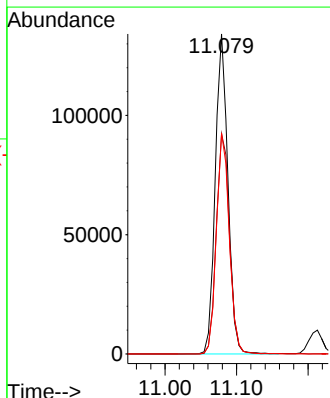
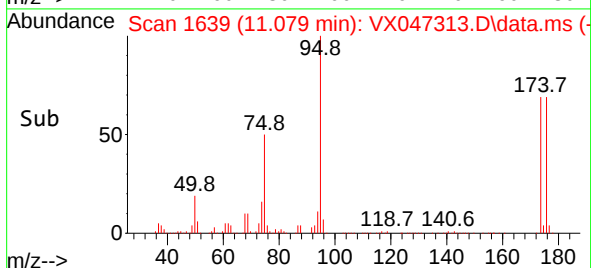
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

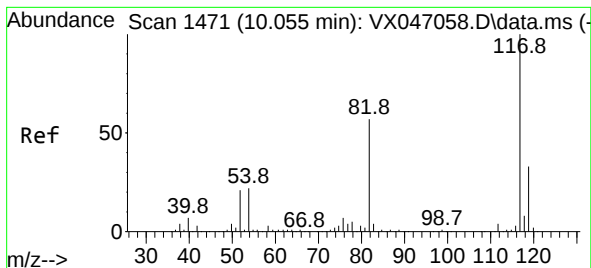


#62
4-Bromofluorobenzene
Concen: 54.923 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52



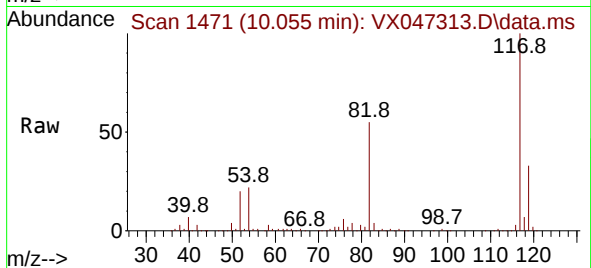
Tgt Ion: 95 Resp: 164573
Ion Ratio Lower Upper
95 100
174 72.1 0.0 144.6
176 70.4 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

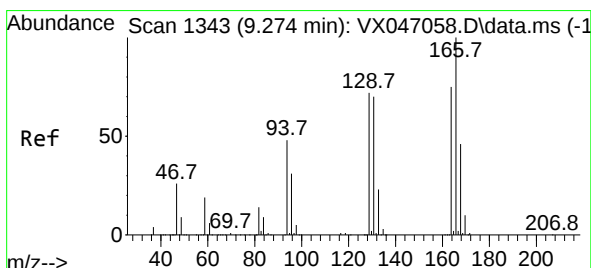
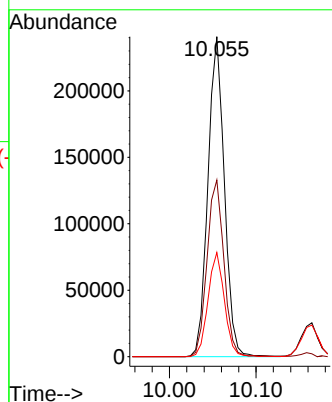
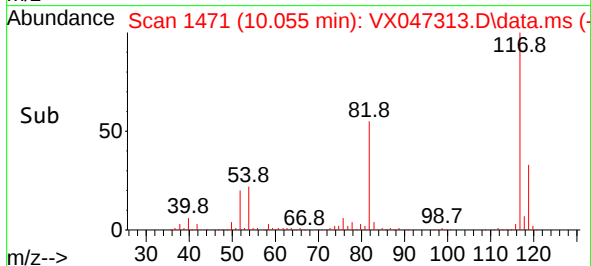
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion:117 Resp: 31734
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 32.5 26.1 39.1

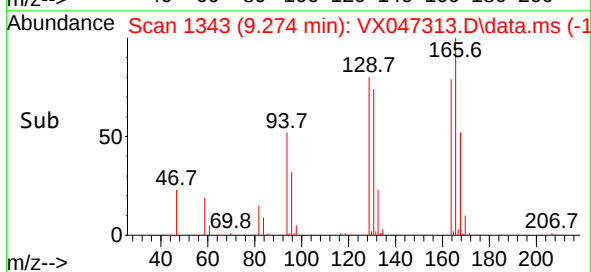
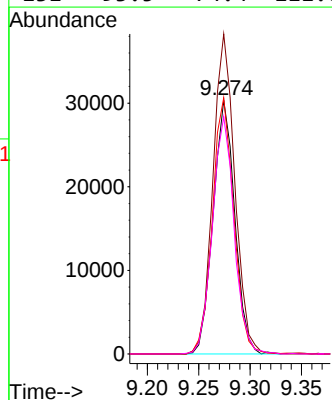
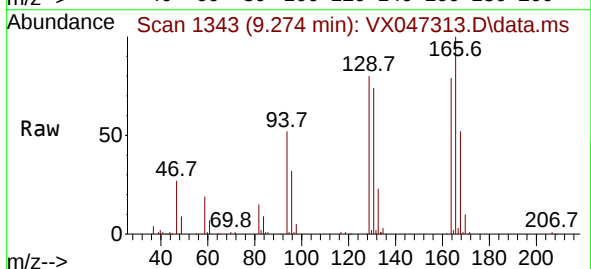
Manual Integrations
APPROVED

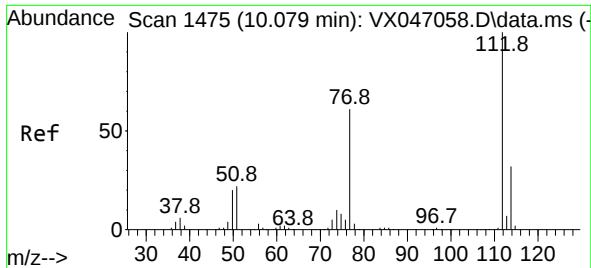
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#64
Tetrachloroethene
Concen: 19.375 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Tgt Ion:164 Resp: 44324
Ion Ratio Lower Upper
164 100
166 126.2 106.2 159.4
129 101.0 76.6 114.8
131 93.5 74.4 111.6





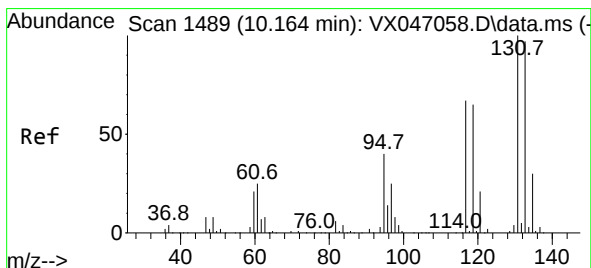
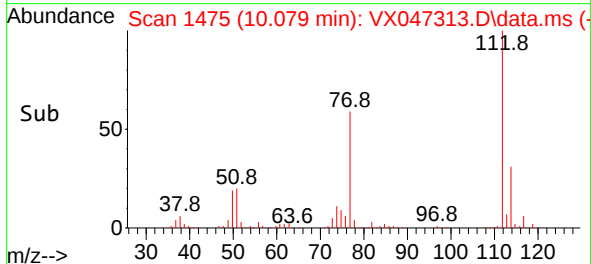
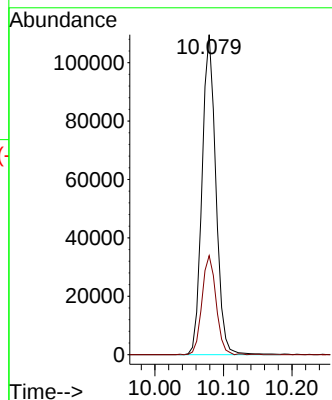
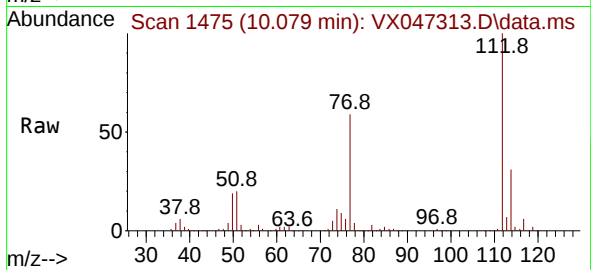
#65
Chlorobenzene
Concen: 20.730 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01

Tgt Ion:112 Resp: 154110
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6

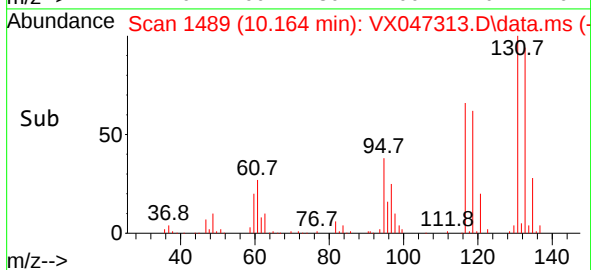
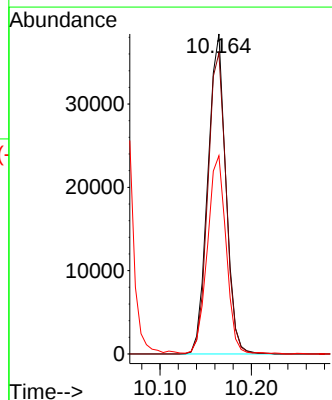
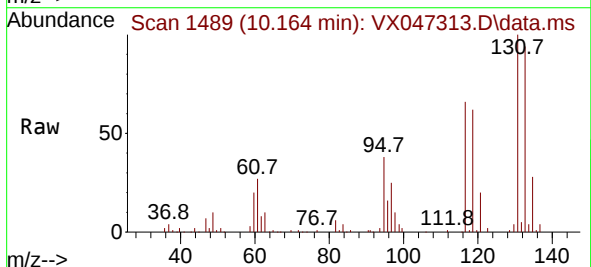
Manual Integrations
APPROVED

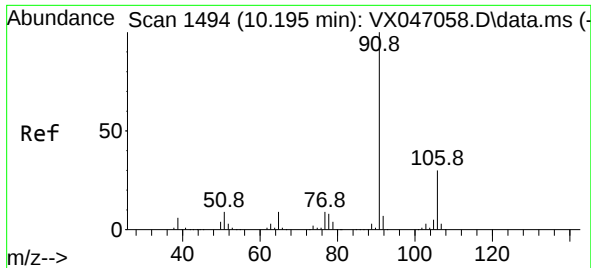
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.954 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

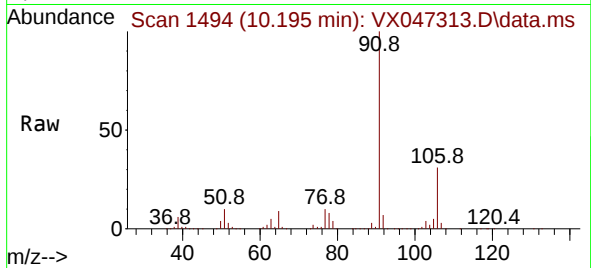
Tgt Ion:131 Resp: 52447
Ion Ratio Lower Upper
131 100
133 95.3 48.4 145.3
119 64.6 32.4 97.0





#67
Ethyl Benzene
Concen: 20.017 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

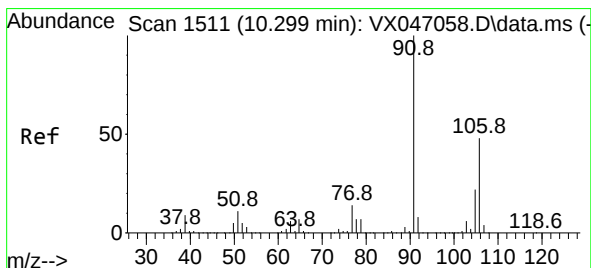
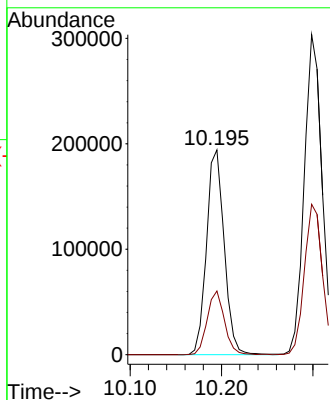
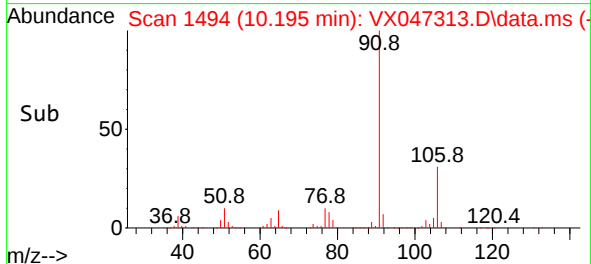
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



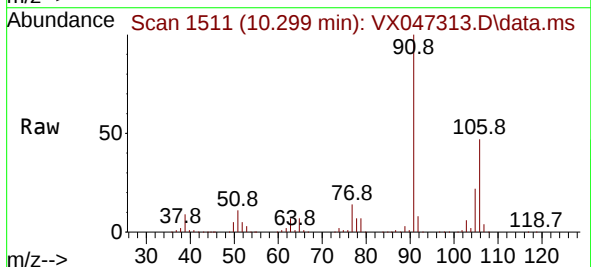
Tgt Ion: 91 Resp: 260192
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4

Manual Integrations
APPROVED

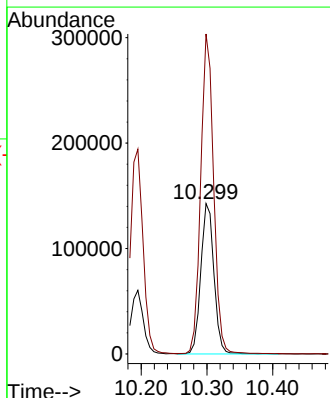
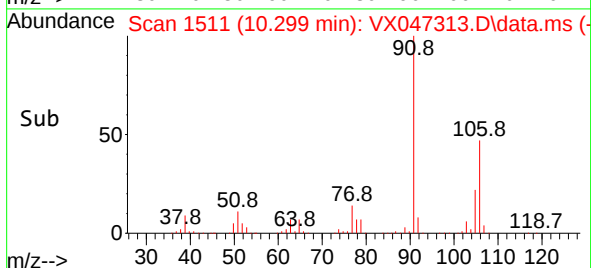
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

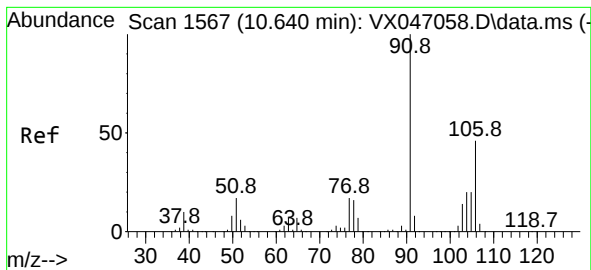


#68
m/p-Xylenes
Concen: 40.718 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52



Tgt Ion:106 Resp: 198066
Ion Ratio Lower Upper
106 100
91 209.2 167.4 251.0





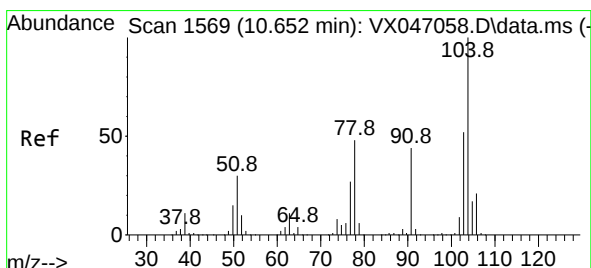
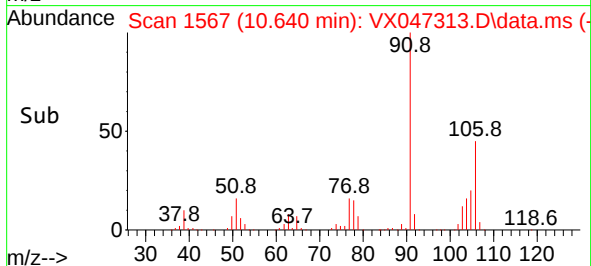
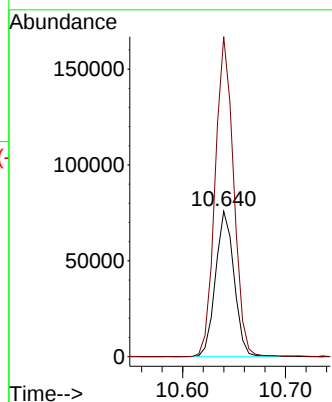
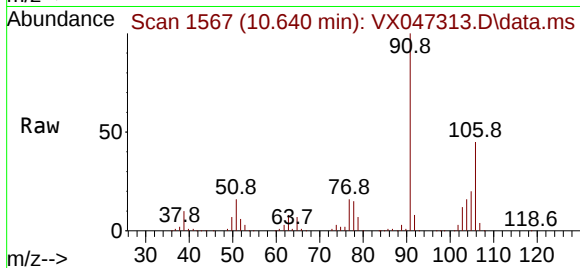
#69
o-Xylene
Concen: 20.552 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01

Tgt Ion:106 Resp: 9510
Ion Ratio Lower Upper
106 100
91 219.8 110.3 331.0

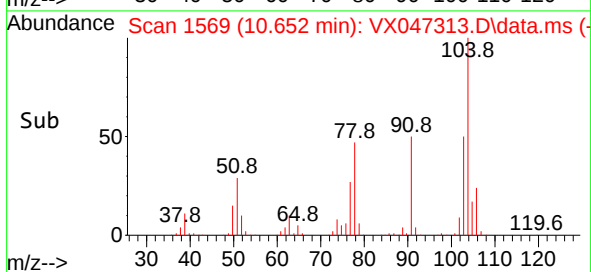
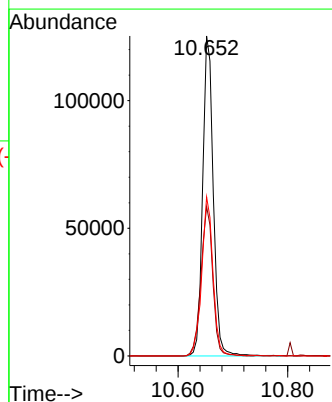
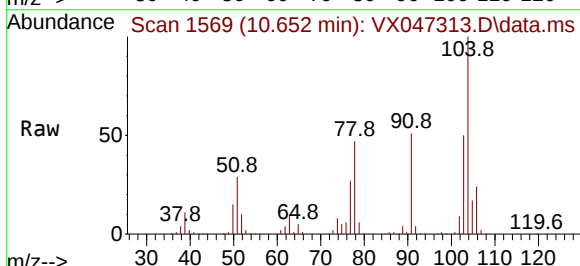
Manual Integrations
APPROVED

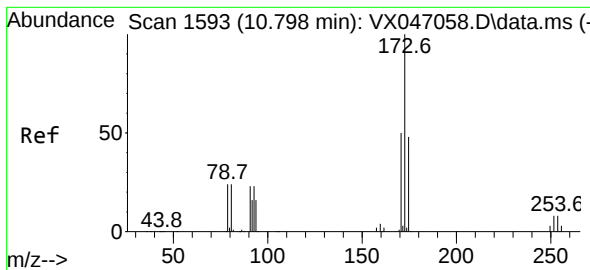
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#70
Styrene
Concen: 21.195 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

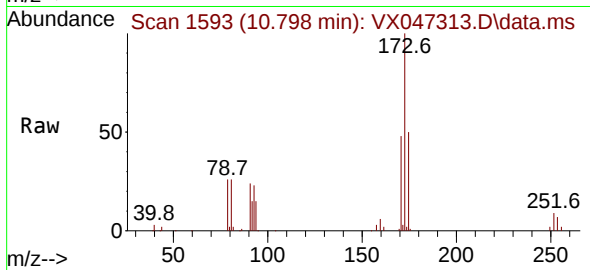
Tgt Ion:104 Resp: 168181
Ion Ratio Lower Upper
104 100
78 51.9 42.0 63.0
103 53.1 43.8 65.6





#71
Bromoform
Concen: 21.532 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

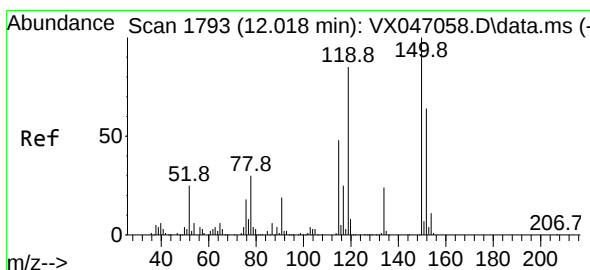
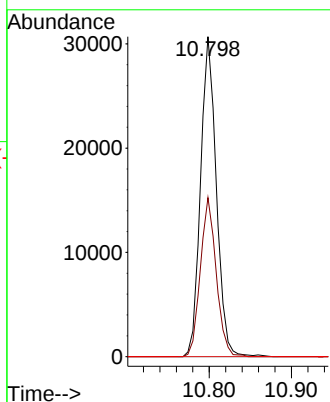
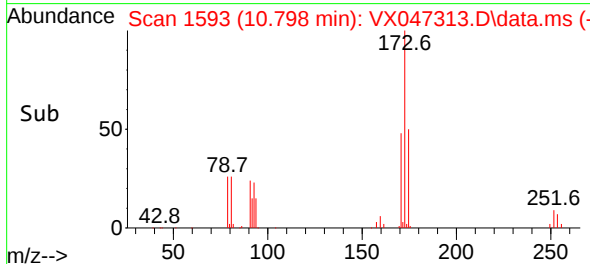
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



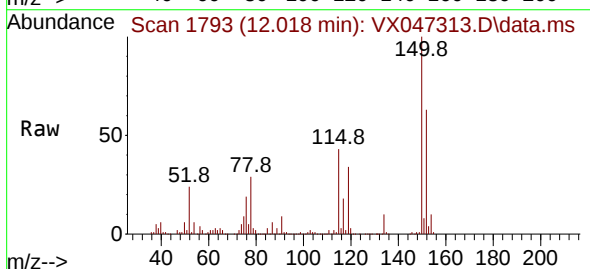
Tgt Ion:173 Resp: 40938
Ion Ratio Lower Upper
173 100
175 49.9 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

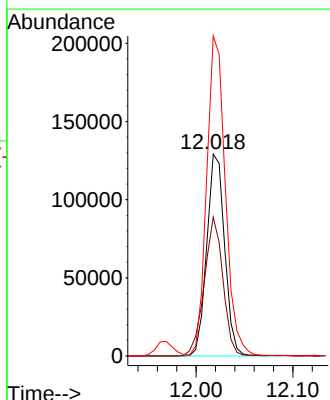
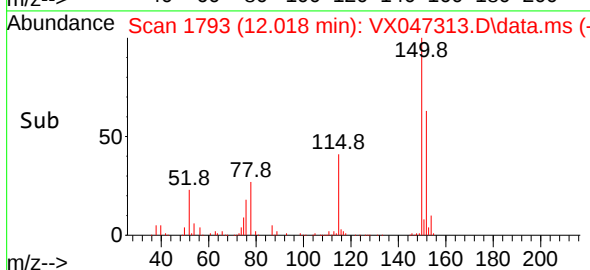
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

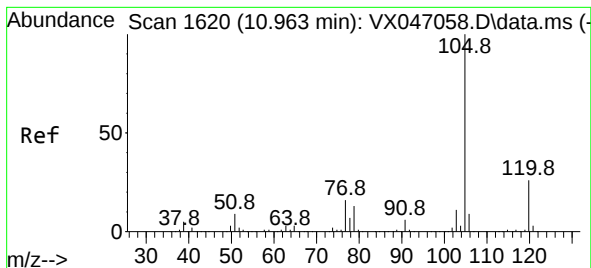


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52



Tgt Ion:152 Resp: 166388
Ion Ratio Lower Upper
152 100
115 71.7 45.6 136.7
150 165.2 0.0 354.6





#73

Isopropylbenzene

Concen: 19.226 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047313.D

Acq: 13 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

Tgt Ion:105 Resp: 252380

Ion Ratio Lower Upper

105 100

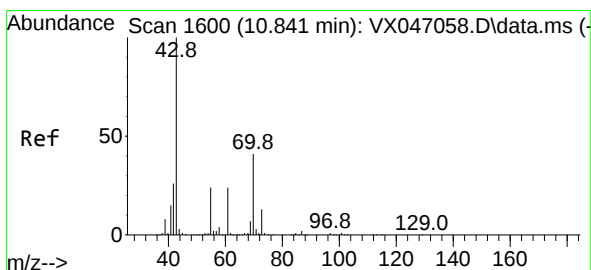
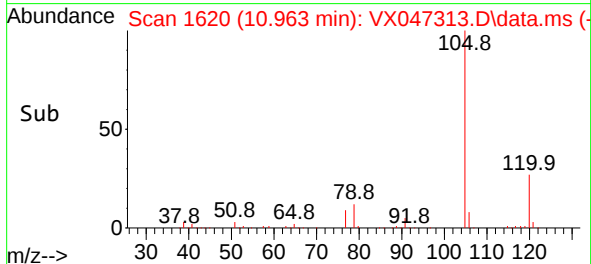
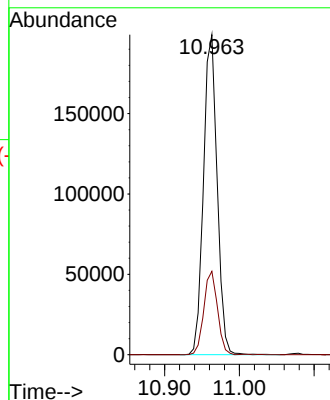
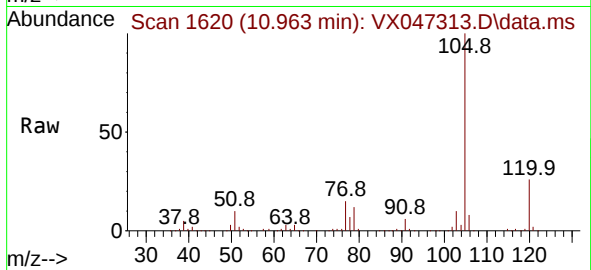
120 26.0 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#74

N-ethyl acetate

Concen: 19.599 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047313.D

Acq: 13 Aug 2025 11:52

Tgt Ion: 43 Resp: 103804

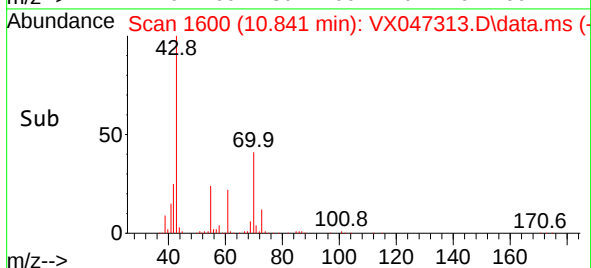
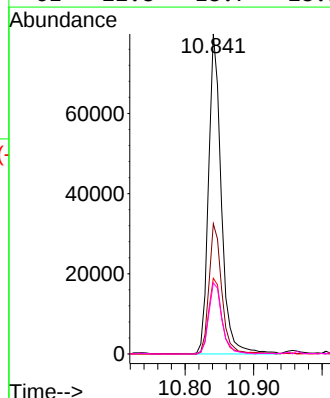
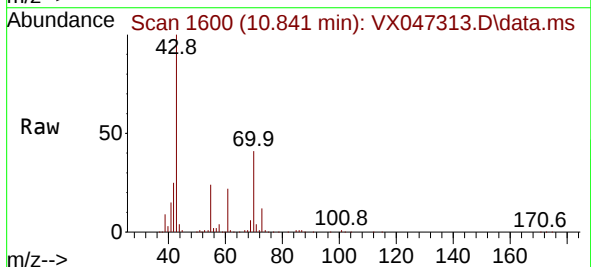
Ion Ratio Lower Upper

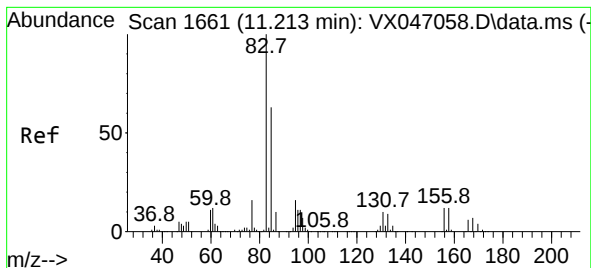
43 100

70 40.5 32.3 48.5

55 24.5 18.9 28.3

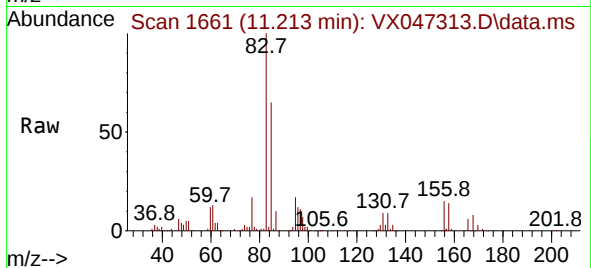
61 22.8 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 21.074 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

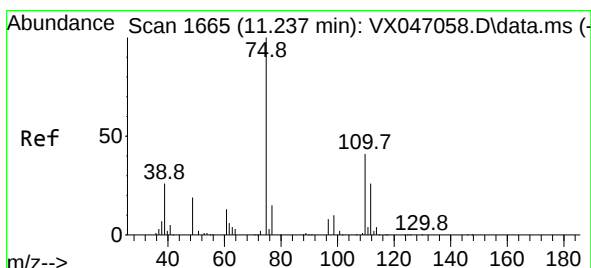
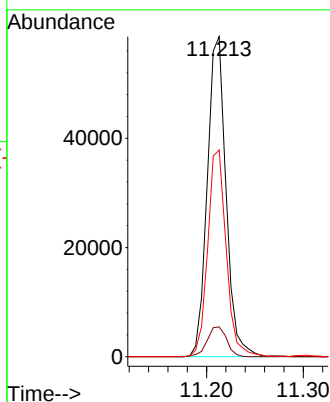
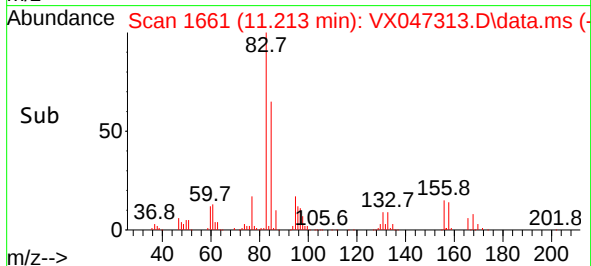
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 83 Resp: 7902
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 63.8 32.0 96.2

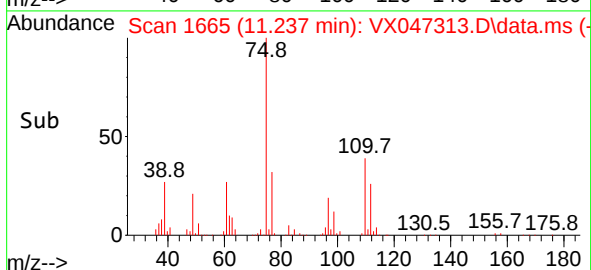
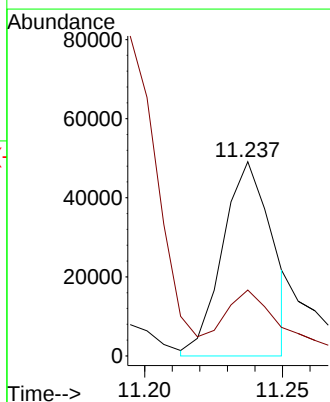
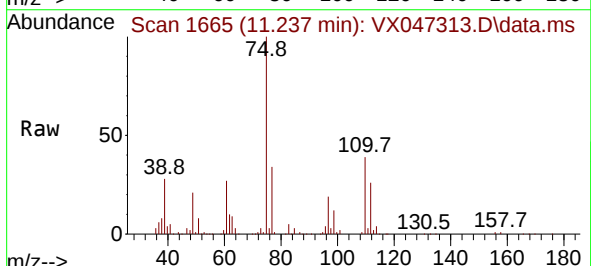
Manual Integrations
APPROVED

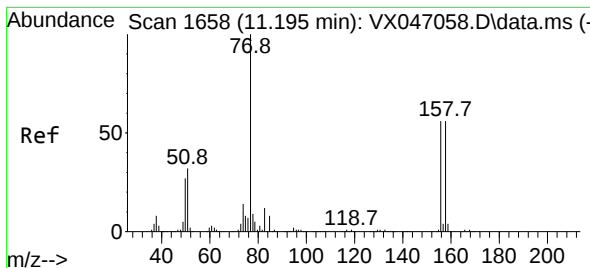
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#76
1,2,3-Trichloropropane
Concen: 19.963 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

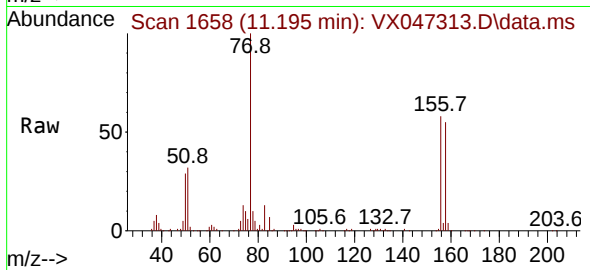
Tgt Ion: 75 Resp: 61482
Ion Ratio Lower Upper
75 100
77 40.8 21.6 65.0





#77
Bromobenzene
Concen: 19.747 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

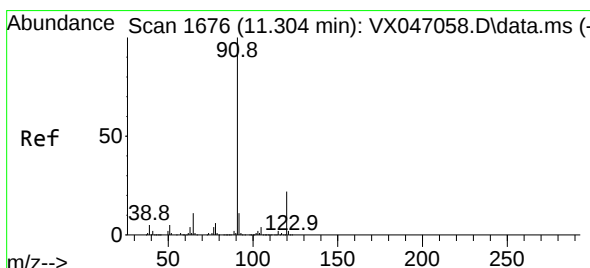
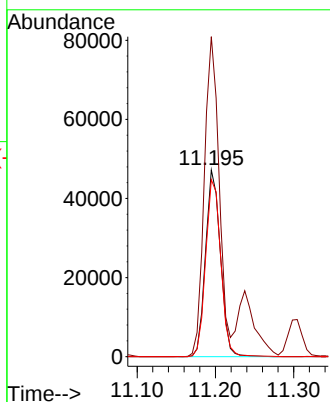
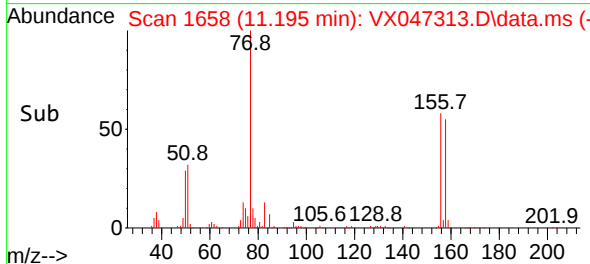
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion:156 Resp: 62179
Ion Ratio Lower Upper
156 100
77 170.5 87.3 261.9
158 96.8 48.9 146.6

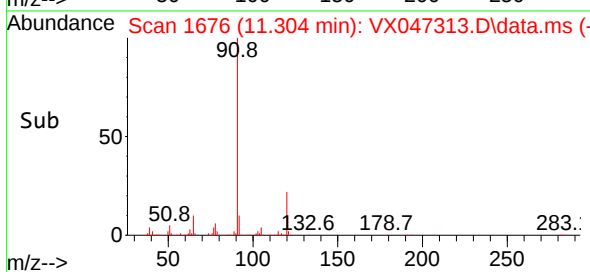
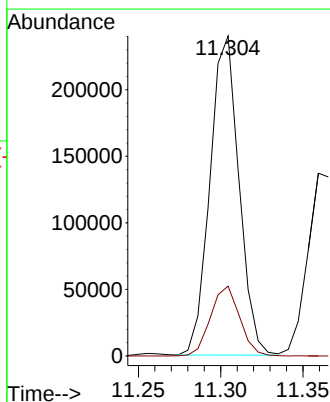
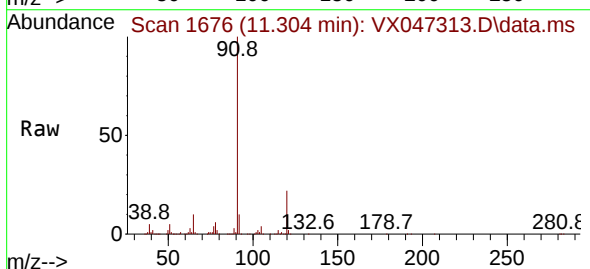
Manual Integrations
APPROVED

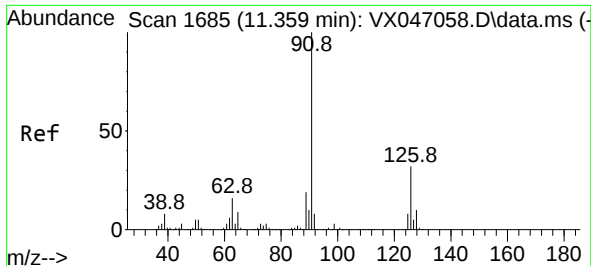
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#78
n-propylbenzene
Concen: 18.741 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

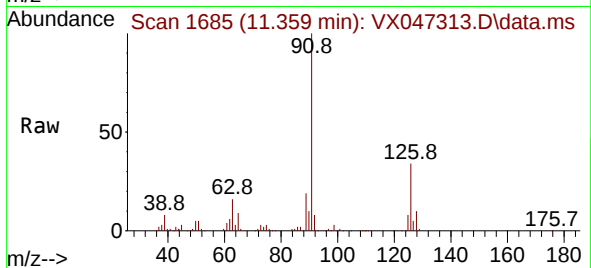
Tgt Ion: 91 Resp: 293982
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0





#79
2-Chlorotoluene
Concen: 19.172 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

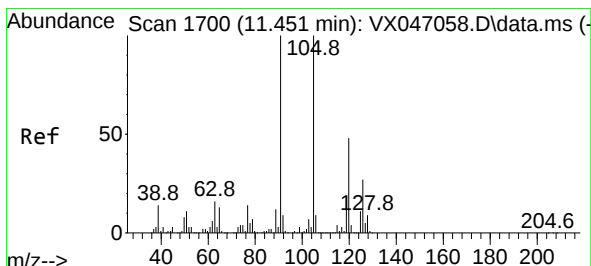
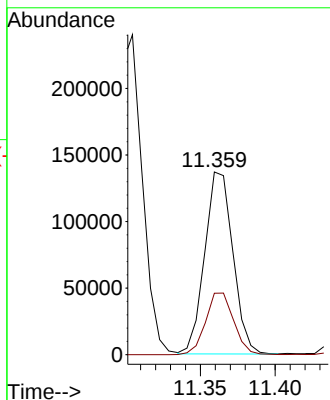
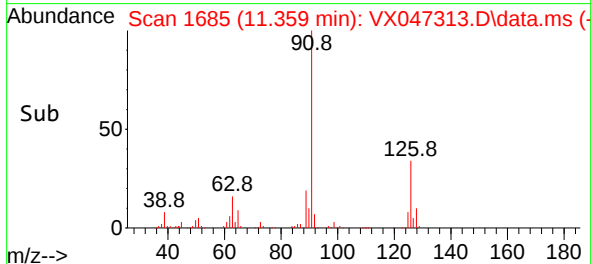
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



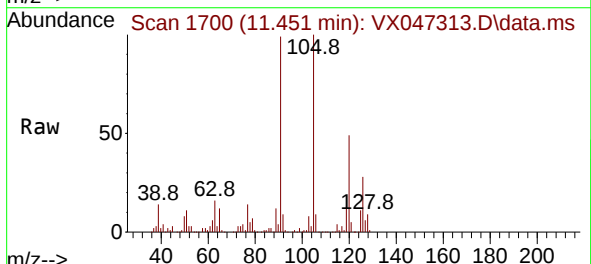
Tgt Ion: 91 Resp: 179779
Ion Ratio Lower Upper
91 100
126 33.8 16.4 49.4

Manual Integrations
APPROVED

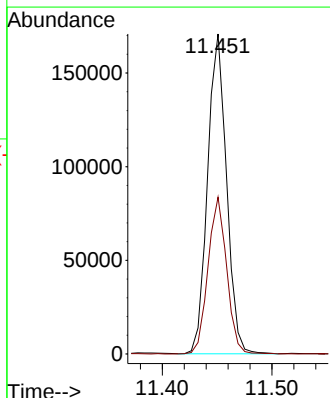
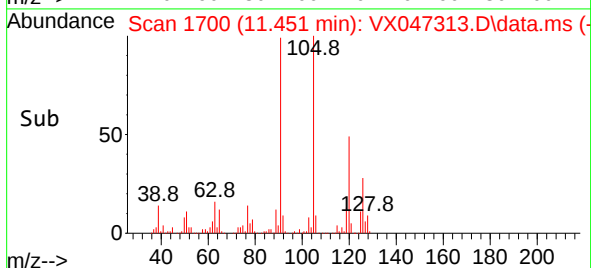
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

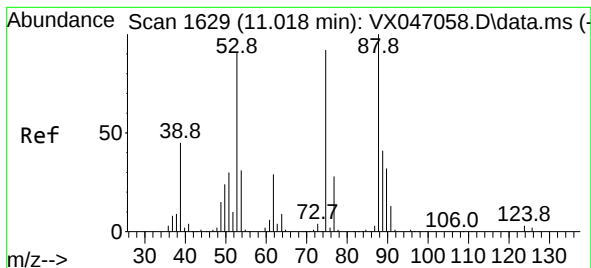


#80
1,3,5-Trimethylbenzene
Concen: 18.928 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52



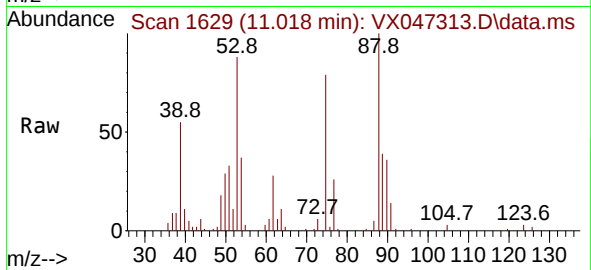
Tgt Ion:105 Resp: 205269
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 8.647 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

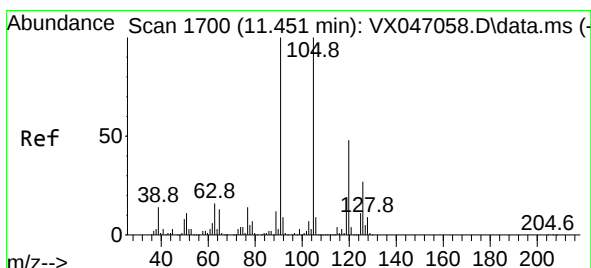
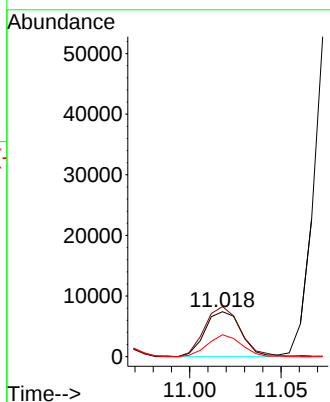
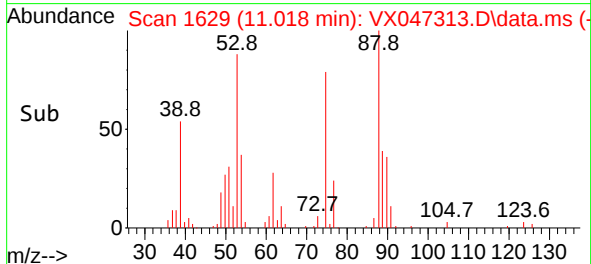
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 75 Resp: 1033
Ion Ratio Lower Upper
75 100
53 110.7 84.2 126.4
89 44.9 36.0 54.0

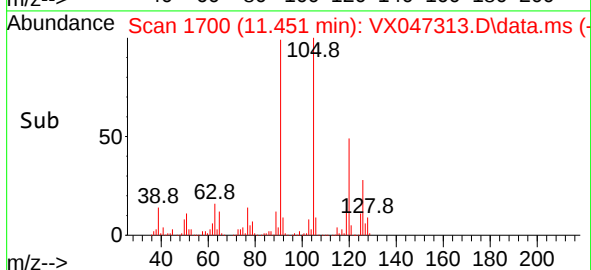
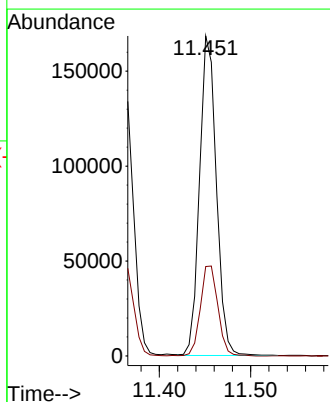
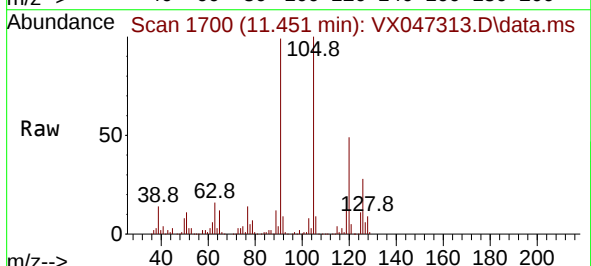
Manual Integrations
APPROVED

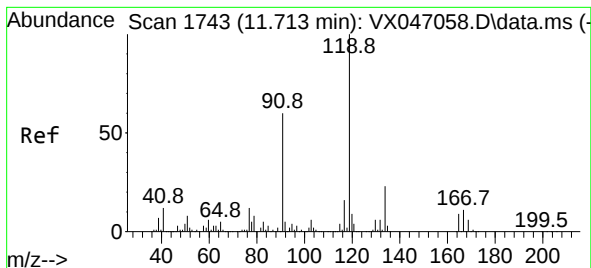
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#82
4-Chlorotoluene
Concen: 19.603 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

Tgt Ion: 91 Resp: 214549
Ion Ratio Lower Upper
91 100
126 29.4 14.1 42.3





#83

tert-Butylbenzene

Concen: 18.972 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX047313.D

Acq: 13 Aug 2025 11:52

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBSD01

Tgt Ion:119 Resp: 206509

Ion Ratio Lower Upper

119 100

91 59.1 29.6 88.8

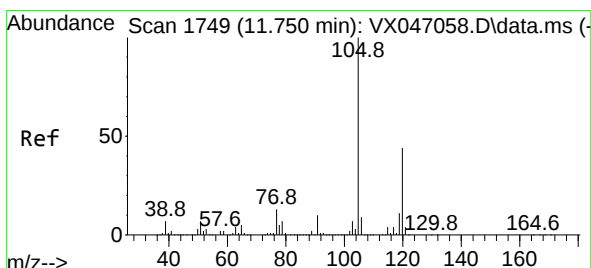
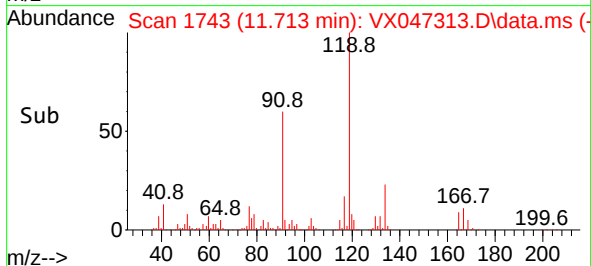
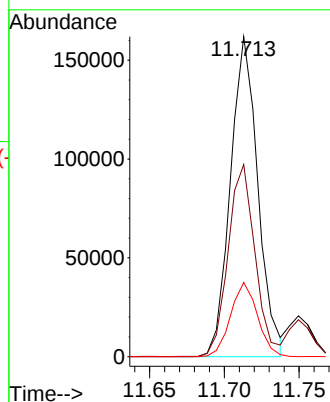
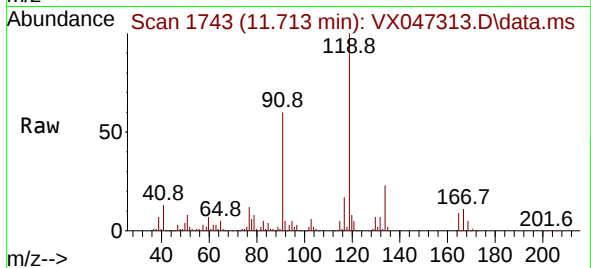
134 22.9 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.355 ug/l

RT: 11.749 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX047313.D

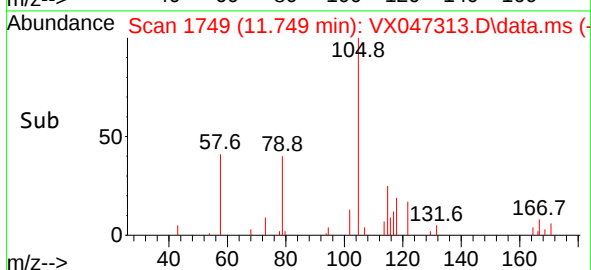
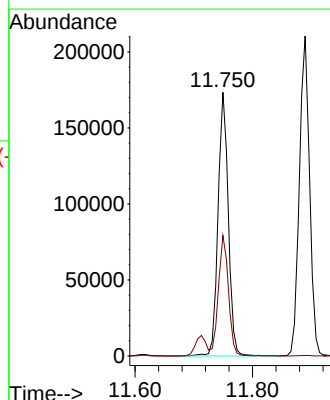
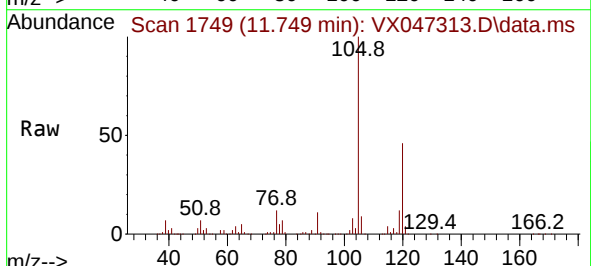
Acq: 13 Aug 2025 11:52

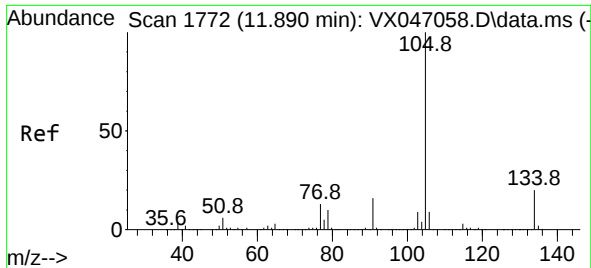
Tgt Ion:105 Resp: 209364

Ion Ratio Lower Upper

105 100

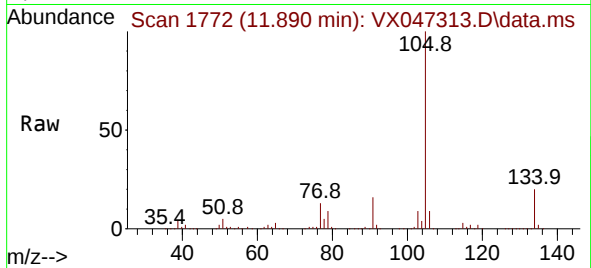
120 45.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.717 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047313.D
 Acq: 13 Aug 2025 11:52

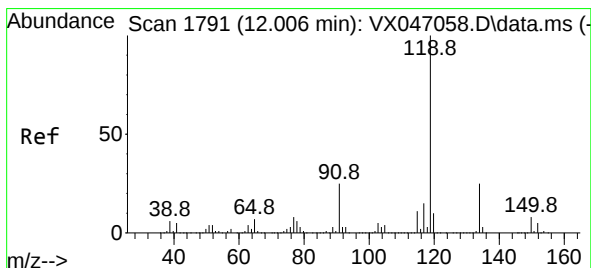
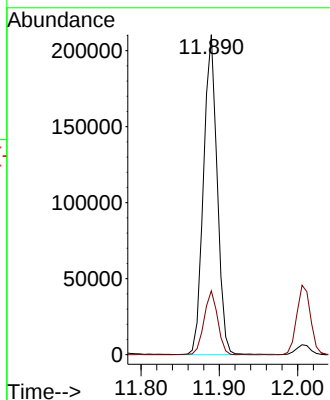
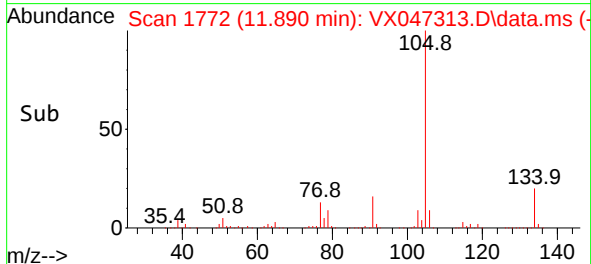
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01



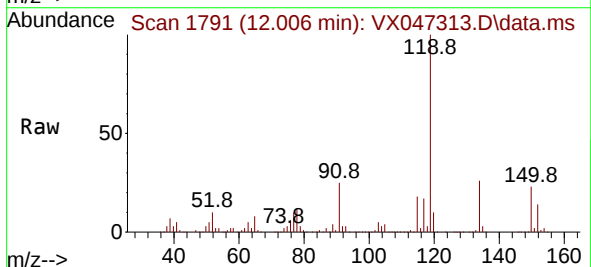
Tgt Ion:105 Resp: 25455
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

Manual Integrations
 APPROVED

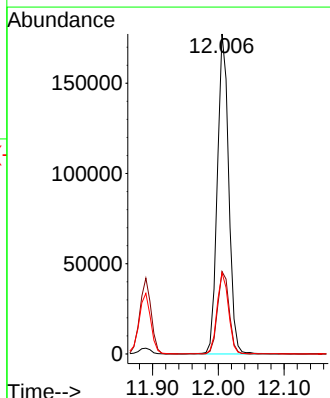
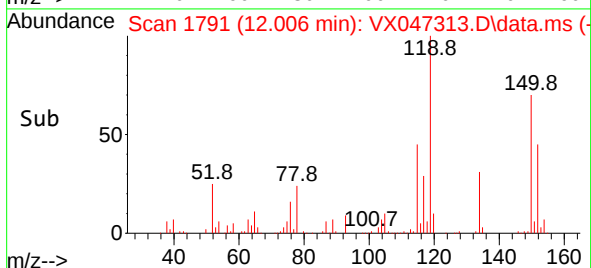
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

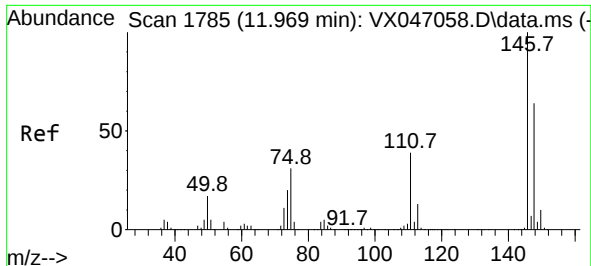


#86
 p-Isopropyltoluene
 Concen: 18.922 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047313.D
 Acq: 13 Aug 2025 11:52



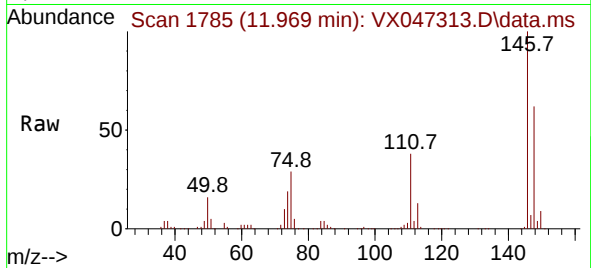
Tgt Ion:119 Resp: 213414
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.4
 91 25.5 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 19.964 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

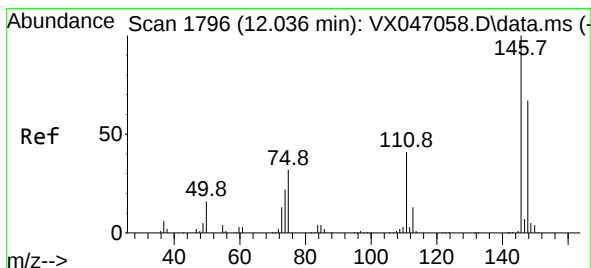
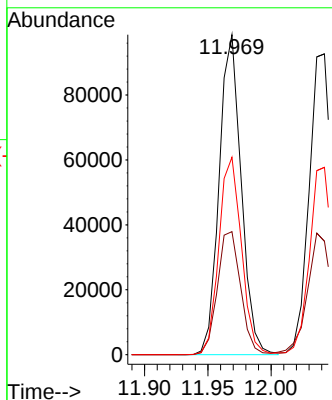
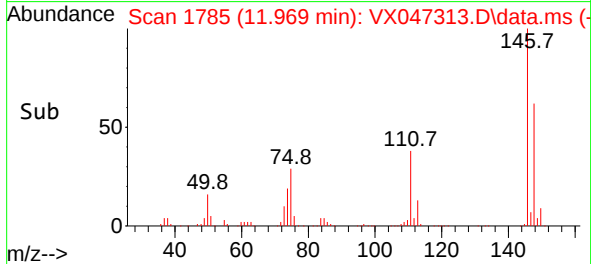
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



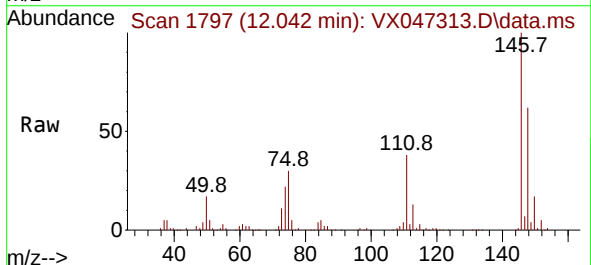
Tgt Ion:146 Resp: 119434
Ion Ratio Lower Upper
146 100
111 40.6 21.0 63.0
148 63.0 32.0 96.0

Manual Integrations
APPROVED

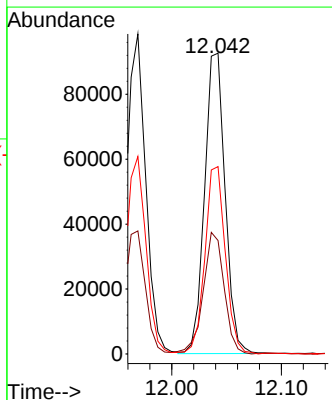
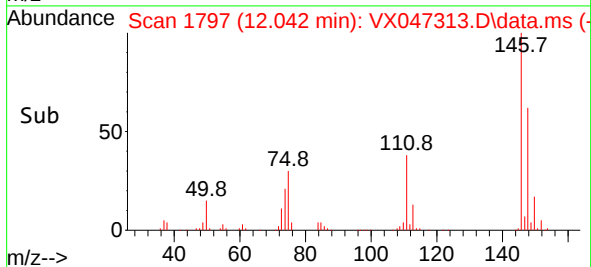
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

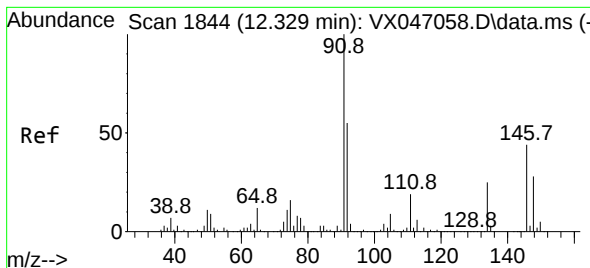


#88
1,4-Dichlorobenzene
Concen: 19.893 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52



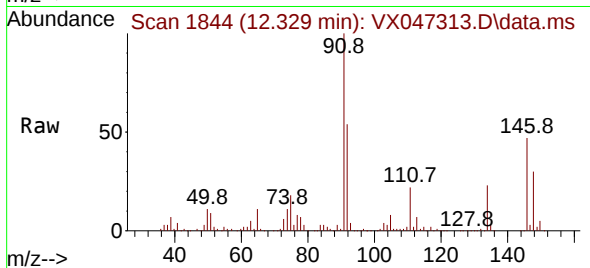
Tgt Ion:146 Resp: 120575
Ion Ratio Lower Upper
146 100
111 40.9 20.6 61.9
148 62.4 33.0 98.9





#89
n-Butylbenzene
Concen: 18.756 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

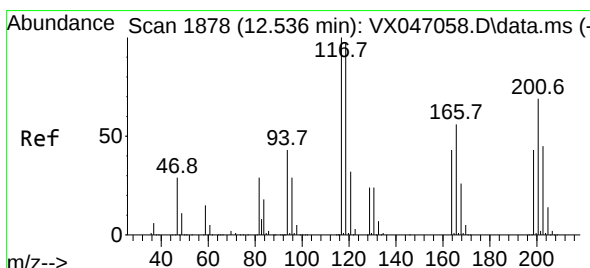
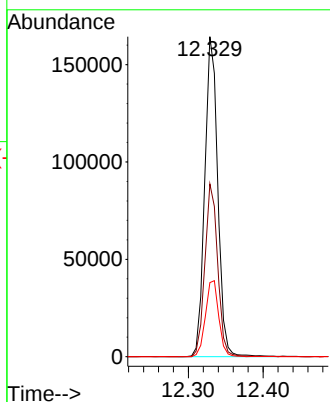
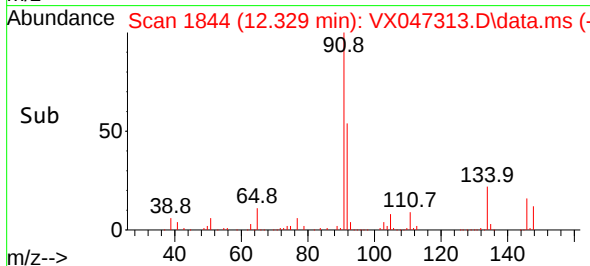
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



Tgt Ion: 91 Resp: 198380
Ion Ratio Lower Upper
91 100
92 53.5 27.5 82.5
134 24.4 12.8 38.3

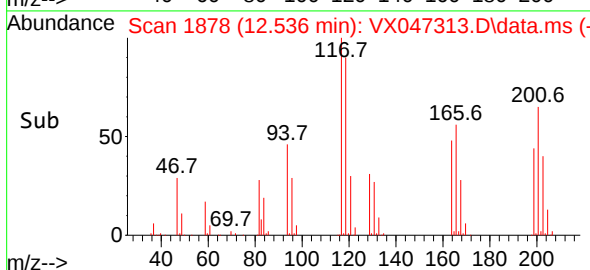
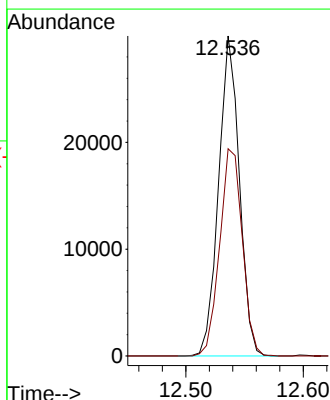
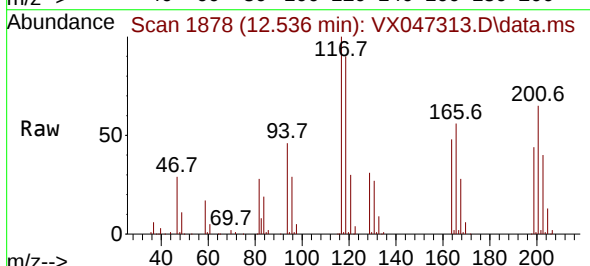
Manual Integrations
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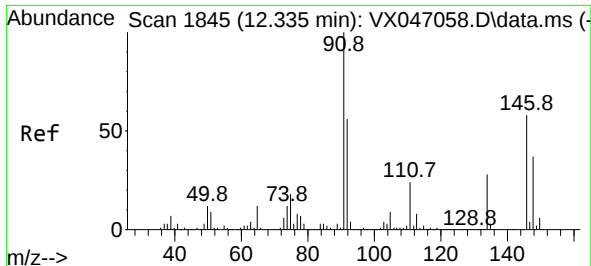
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#90
Hexachloroethane
Concen: 18.231 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

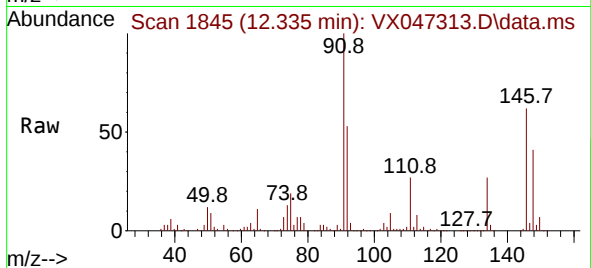
Tgt Ion:117 Resp: 36783
Ion Ratio Lower Upper
117 100
201 70.7 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 19.901 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

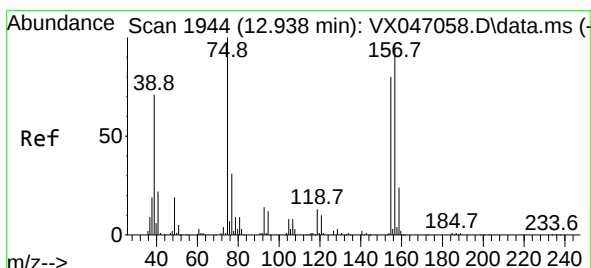
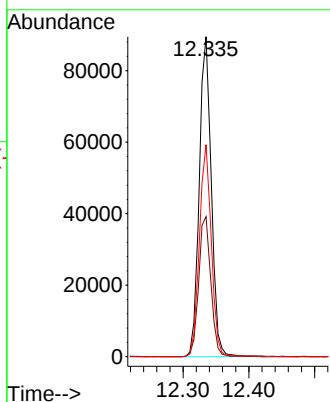
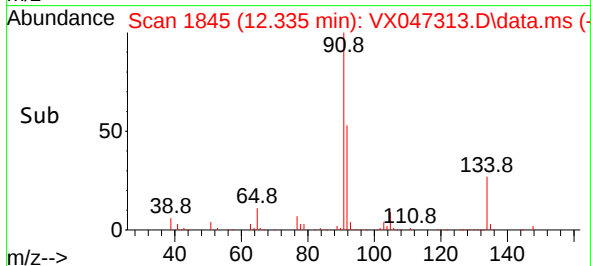
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



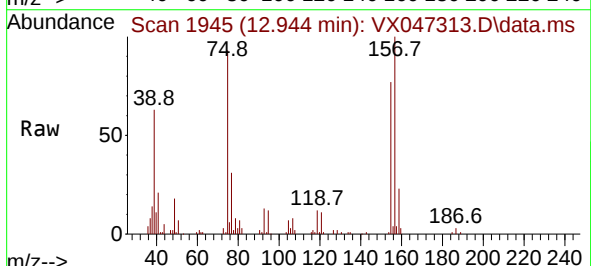
Tgt Ion:146 Resp: 11379
Ion Ratio Lower Upper
146 100
111 44.2 21.6 64.6
148 65.6 31.9 95.7

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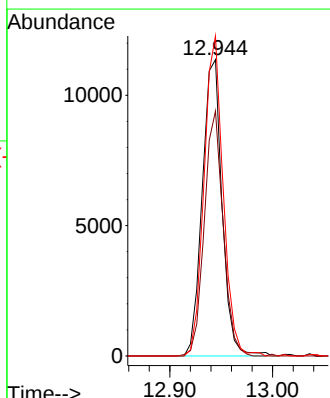
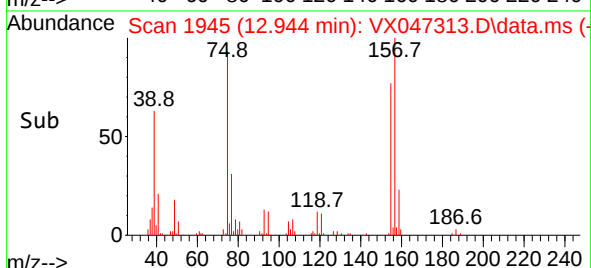
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

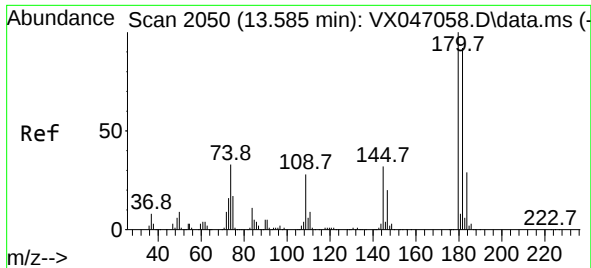


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.153 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52



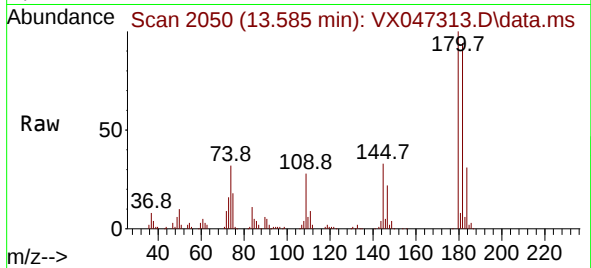
Tgt Ion: 75 Resp: 15225
Ion Ratio Lower Upper
75 100
155 78.7 41.3 124.1
157 104.0 52.8 158.3





#93
1,2,4-Trichlorobenzene
Concen: 19.559 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

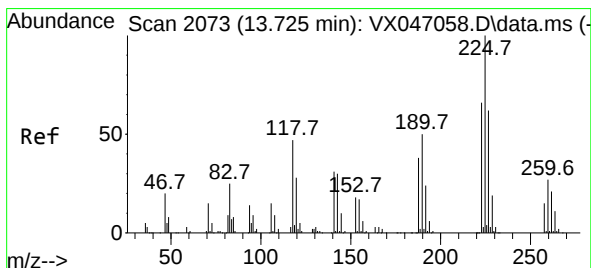
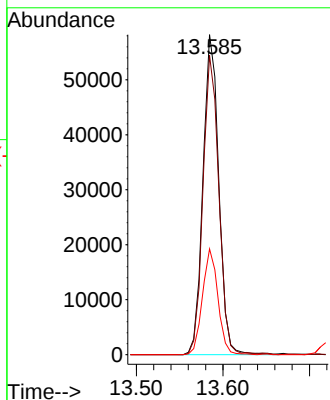
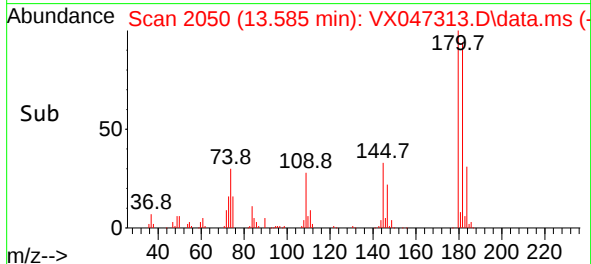
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



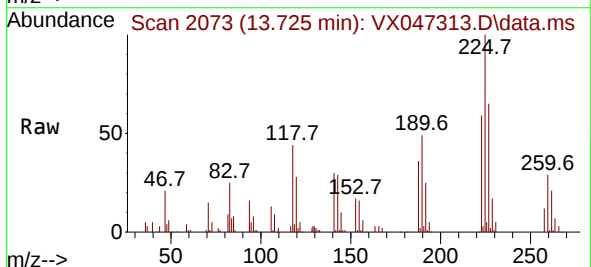
Tgt Ion:180 Resp: 73889
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.8
145 32.2 16.4 49.1

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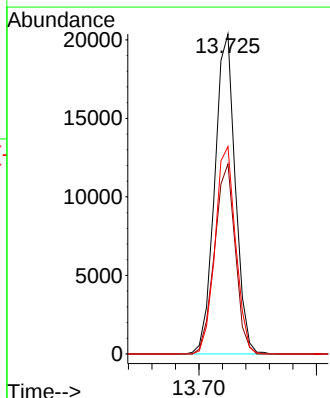
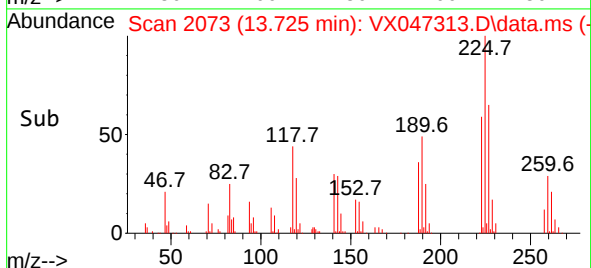
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

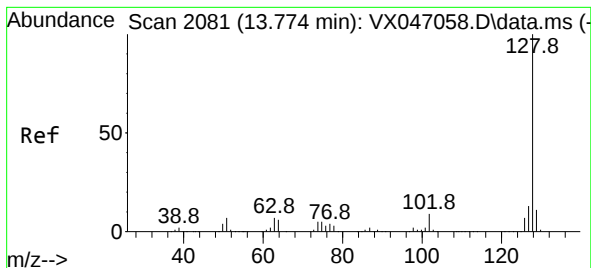


#94
Hexachlorobutadiene
Concen: 19.333 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52



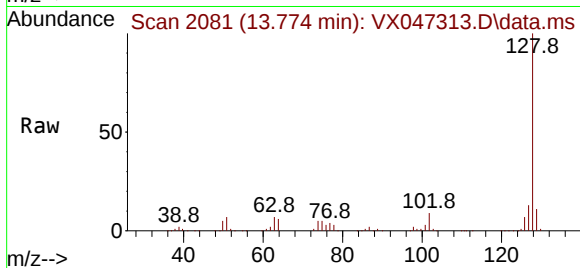
Tgt Ion:225 Resp: 24838
Ion Ratio Lower Upper
225 100
223 59.6 31.6 95.0
227 64.6 32.9 98.6





#95
Naphthalene
Concen: 20.255 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52

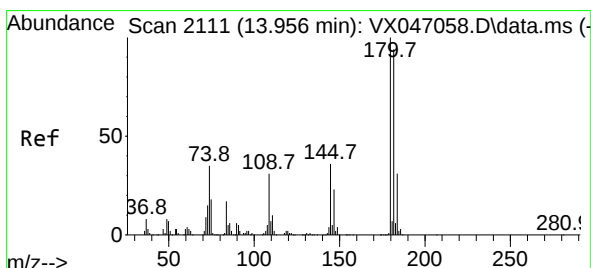
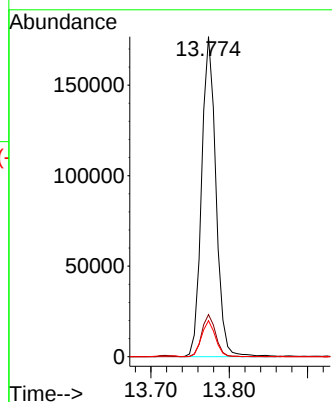
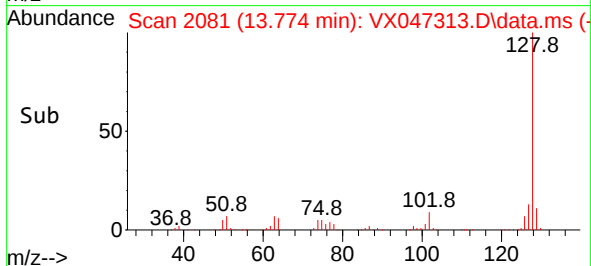
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBSD01



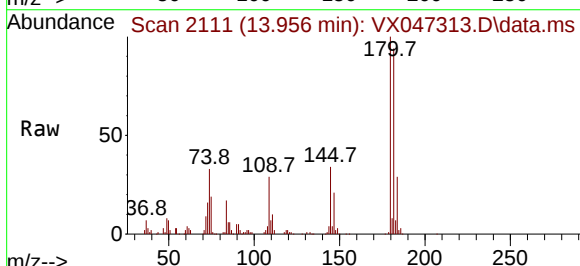
Tgt Ion:128 Resp: 22431
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.218 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047313.D
Acq: 13 Aug 2025 11:52



Tgt Ion:180 Resp: 69941
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 34.1 17.3 52.0

