

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047312.D
 Acq On : 13 Aug 2025 11:24
 Operator : JC/MD
 Sample : VX0813WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

Quant Time: Aug 14 03:25:02 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	201153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	351465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	166290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	137106	54.717	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.440%			
35) Dibromofluoromethane	5.397	113	120946	55.734	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.460%			
50) Toluene-d8	8.653	98	340158	48.402	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.800%			
62) 4-Bromofluorobenzene	11.079	95	164675	54.374	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	50552	18.920	ug/l	99
3) Chloromethane	1.313	50	50910	19.263	ug/l	99
4) Vinyl Chloride	1.392	62	58156	20.470	ug/l	99
5) Bromomethane	1.630	94	29650	19.212	ug/l	96
6) Chloroethane	1.709	64	35844	19.210	ug/l	97
7) Trichlorofluoromethane	1.904	101	82128	19.387	ug/l	99
8) Diethyl Ether	2.148	74	32810	21.966	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	47828	18.739	ug/l	98
10) Methyl Iodide	2.471	142	77812	29.914	ug/l	98
11) Tert butyl alcohol	2.965	59	29334	93.714	ug/l	99
12) 1,1-Dichloroethene	2.337	96	50671	20.045	ug/l	95
13) Acrolein	2.252	56	75081	139.160	ug/l	99
14) Allyl chloride	2.678	41	90565	19.819	ug/l	99
15) Acrylonitrile	3.081	53	134855	112.844	ug/l	100
16) Acetone	2.392	43	109769	109.353	ug/l	99
17) Carbon Disulfide	2.532	76	138145	18.890	ug/l	99
18) Methyl Acetate	2.721	43	67472	25.293	ug/l	98
19) Methyl tert-butyl Ether	3.130	73	170912	22.215	ug/l	99
20) Methylene Chloride	2.806	84	60670	21.969	ug/l	96
21) trans-1,2-Dichloroethene	3.111	96	53110	20.531	ug/l	93
22) Diisopropyl ether	3.776	45	189542	21.575	ug/l	93
23) Vinyl Acetate	3.733	43	777071	110.278	ug/l	100
24) 1,1-Dichloroethane	3.630	63	103292	21.143	ug/l	98
25) 2-Butanone	4.574	43	155750	106.560	ug/l	93
26) 2,2-Dichloropropane	4.495	77	73431	19.417	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	64021	20.900	ug/l	99
28) Bromochloromethane	4.910	49	53405	23.761	ug/l	99
29) Tetrahydrofuran	5.026	42	97737	103.638	ug/l	96
30) Chloroform	5.105	83	106952	21.507	ug/l	98
31) Cyclohexane	5.489	56	83355	17.795	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	87950	20.362	ug/l	99
36) 1,1-Dichloropropene	5.708	75	68123	18.416	ug/l	97
37) Ethyl Acetate	4.727	43	79295	23.264	ug/l	97
38) Carbon Tetrachloride	5.690	117	75937	19.234	ug/l	97
39) Methylcyclohexane	7.385	83	77955	16.879	ug/l	95
40) Benzene	6.050	78	221589	20.699	ug/l	99

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Manual Integrations
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Quant Time: Aug 14 03:25:02 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)
41) Methacrylonitrile	4.940	41	36004	20.202	ug/l #	90
42) 1,2-Dichloroethane	6.099	62	83097	22.036	ug/l	99
43) Isopropyl Acetate	6.349	43	115740	21.781	ug/l	99
44) Trichloroethene	7.129	130	53800	19.598	ug/l	99
45) 1,2-Dichloropropane	7.434	63	55625	20.747	ug/l	93
46) Dibromomethane	7.586	93	41993	22.334	ug/l	99
47) Bromodichloromethane	7.824	83	84762	21.180	ug/l	96
48) Methyl methacrylate	7.702	41	59981	20.720	ug/l	99
49) 1,4-Dioxane	7.684	88	12726	386.524	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	356346	112.824	ug/l	99
52) Toluene	8.720	92	135372	20.566	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	74453	19.701	ug/l	94
54) cis-1,3-Dichloropropene	8.373	75	84401	20.406	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	54901	22.240	ug/l	97
56) Ethyl methacrylate	9.122	69	80865	22.128	ug/l	98
57) 1,3-Dichloropropane	9.311	76	93007	21.679	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	199555	98.129	ug/l	100
59) 2-Hexanone	9.433	43	247091	118.411	ug/l	99
60) Dibromochloromethane	9.519	129	63101	21.795	ug/l	100
61) 1,2-Dibromoethane	9.610	107	56802	22.006	ug/l	99
64) Tetrachloroethene	9.275	164	44694	19.291	ug/l	94
65) Chlorobenzene	10.080	112	151282	20.093	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	52881	20.861	ug/l	98
67) Ethyl Benzene	10.195	91	258375	19.627	ug/l	99
68) m/p-Xylenes	10.299	106	198849	40.364	ug/l	98
69) o-Xylene	10.640	106	94390	20.141	ug/l	98
70) Styrene	10.653	104	166666	20.739	ug/l	99
71) Bromoform	10.799	173	40688	21.130	ug/l #	98
73) Isopropylbenzene	10.964	105	247425	18.860	ug/l	99
74) N-amyl acetate	10.842	43	101822	19.236	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	79675	21.261	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	62793m	20.401	ug/l	
77) Bromobenzene	11.195	156	63857	20.293	ug/l	96
78) n-propylbenzene	11.305	91	294861	18.808	ug/l	100
79) 2-Chlorotoluene	11.360	91	182451	19.469	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	207773	19.170	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10307	8.627	ug/l	96
82) 4-Chlorotoluene	11.451	91	215901	19.738	ug/l	99
83) tert-Butylbenzene	11.713	119	202063	18.575	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	207952	19.236	ug/l	99
85) sec-Butylbenzene	11.890	105	246647	18.146	ug/l	99
86) p-Isopropyltoluene	12.006	119	209624	18.597	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	119434	19.976	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	120773	19.938	ug/l	98
89) n-Butylbenzene	12.329	91	188398	17.823	ug/l	98
90) Hexachloroethane	12.536	117	35864	17.786	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	113345	19.835	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15204	21.136	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	73212	19.391	ug/l	98
94) Hexachlorobutadiene	13.719	225	21890	17.048	ug/l	97
95) Naphthalene	13.774	128	221152	19.981	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	67706	18.614	ug/l	97

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ALS Vial : 5 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VX0813WBS01

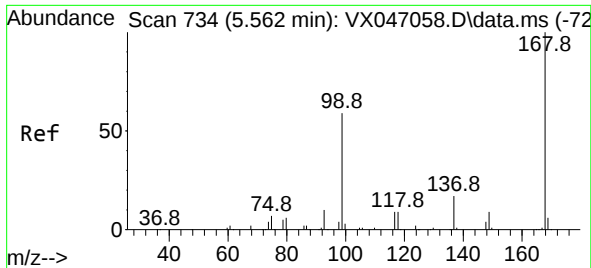
Manual Integrations
APPROVED

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

Quant Time: Aug 14 03:25:02 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

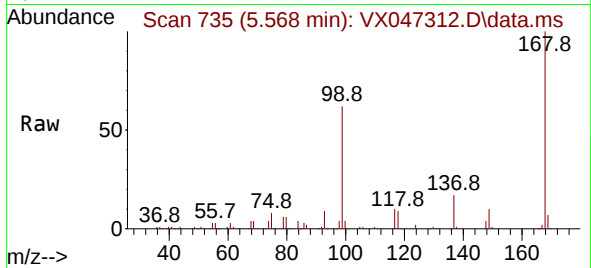
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
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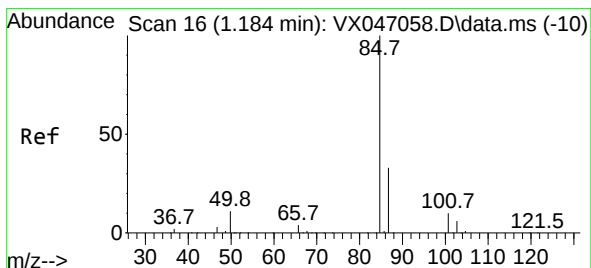
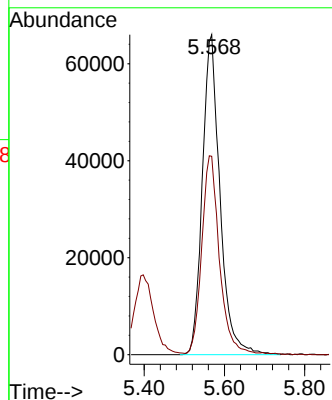
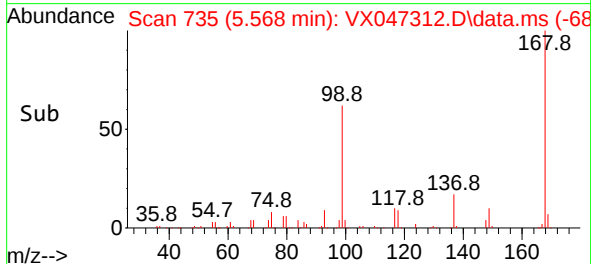
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion:168 Resp: 20115
Ion Ratio Lower Upper
168 100
99 61.7 48.0 72.0

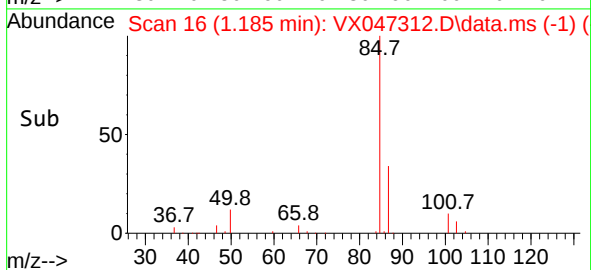
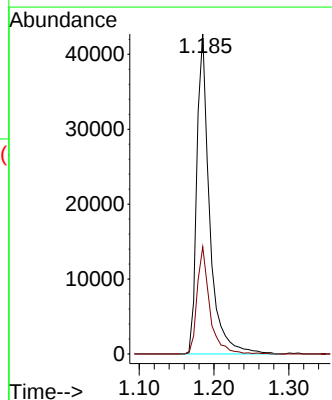
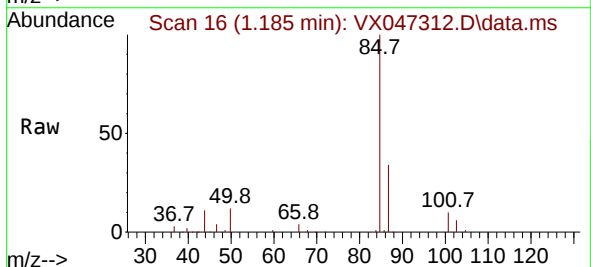
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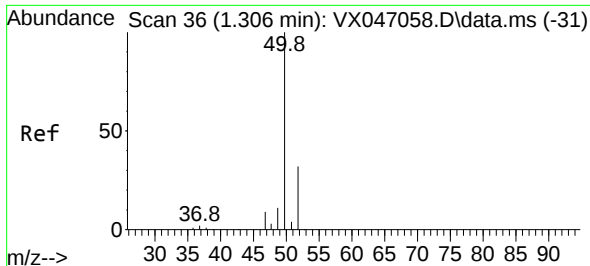
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#2
Dichlorodifluoromethane
Concen: 18.920 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.001 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Tgt Ion: 85 Resp: 50552
Ion Ratio Lower Upper
85 100
87 33.5 16.6 49.8





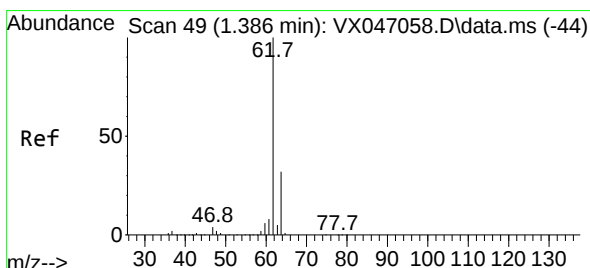
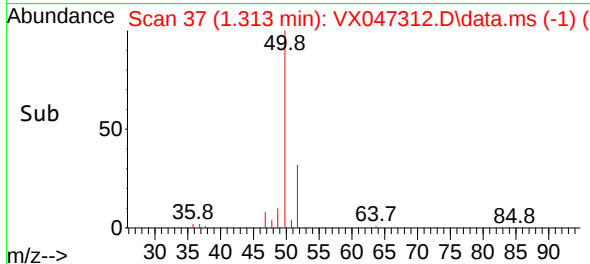
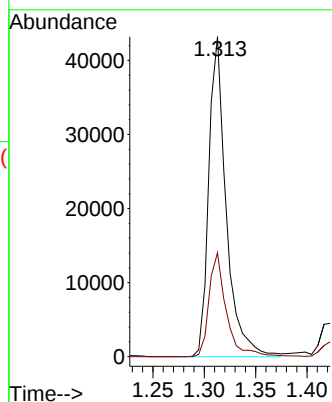
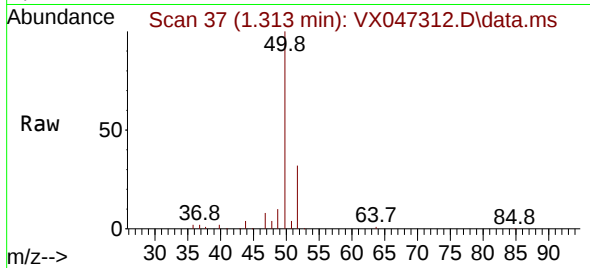
#3
Chloromethane
Concen: 19.263 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Instrument :
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ClientSampleId :
VX0813WBS01

Tgt Ion: 50 Resp: 50910
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2

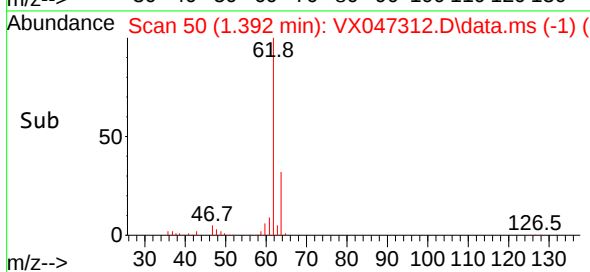
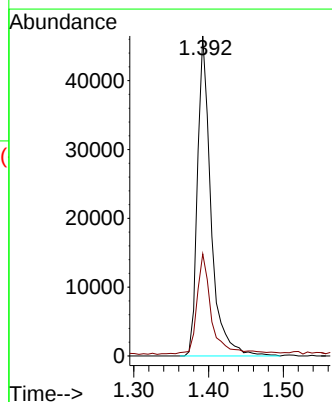
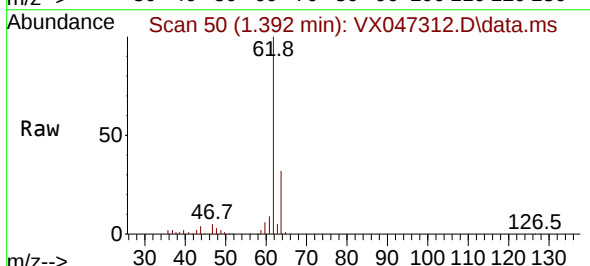
Manual Integrations
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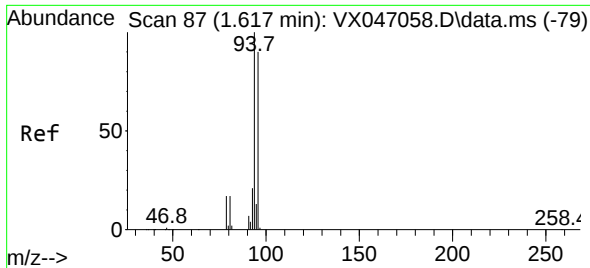
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#4
Vinyl Chloride
Concen: 20.470 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

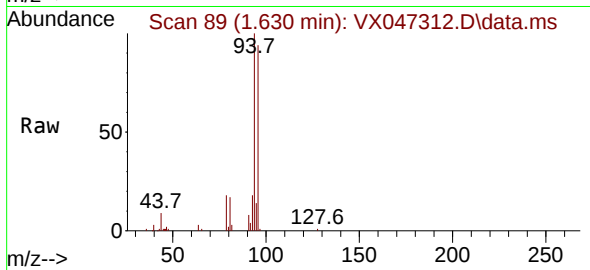
Tgt Ion: 62 Resp: 58156
Ion Ratio Lower Upper
62 100
64 31.0 25.2 37.8





#5
Bromomethane
Concen: 19.212 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.013 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

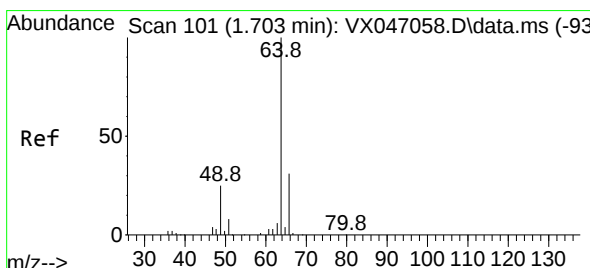
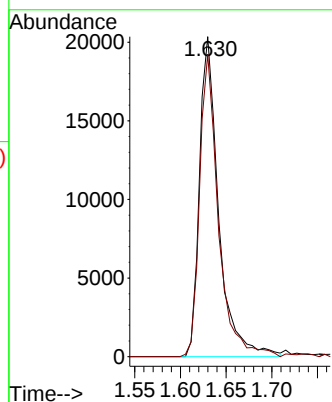
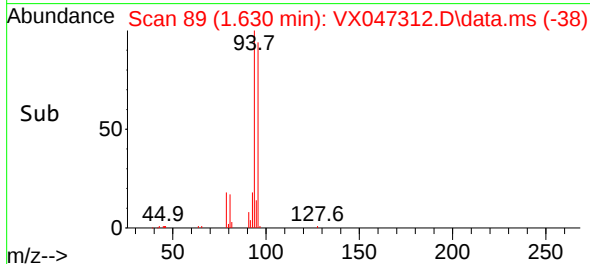
Instrument :
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Tgt Ion: 94 Resp: 29650
Ion Ratio Lower Upper
94 100
96 94.5 72.3 108.5

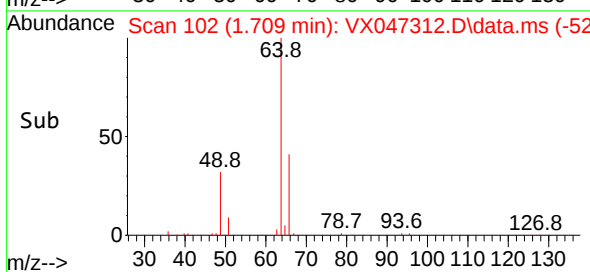
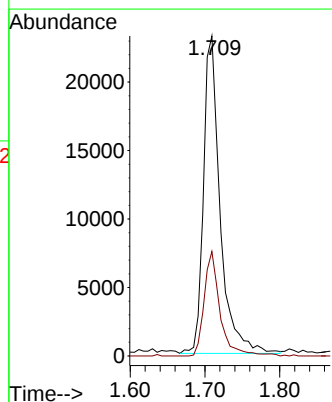
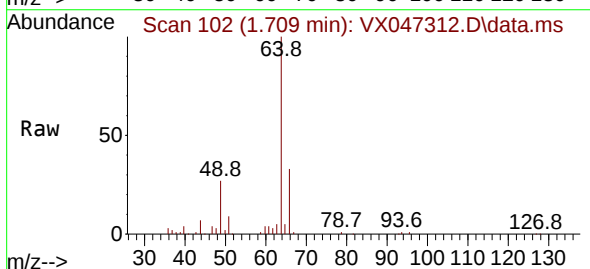
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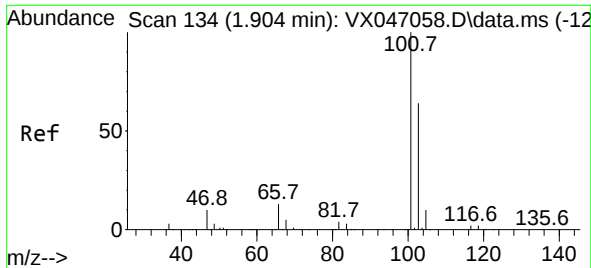
Reviewed By :John Carlone 08/14/2025
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#6
Chloroethane
Concen: 19.210 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.007 min
Lab File: VX047312.D
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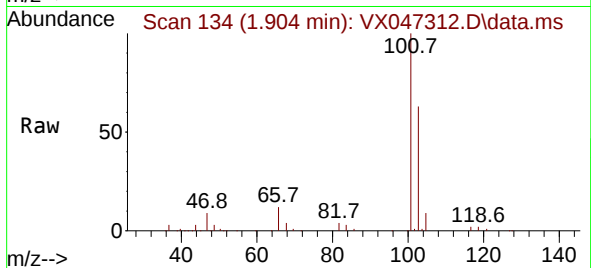
Tgt Ion: 64 Resp: 35844
Ion Ratio Lower Upper
64 100
66 32.9 25.0 37.6





#7
Trichlorofluoromethane
Concen: 19.387 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047312.D
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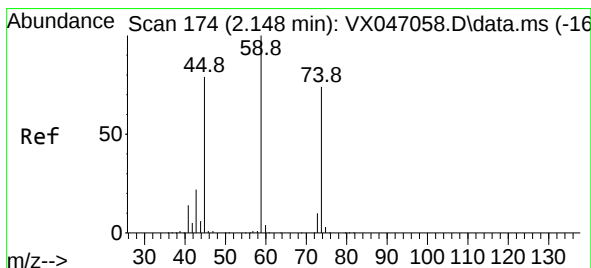
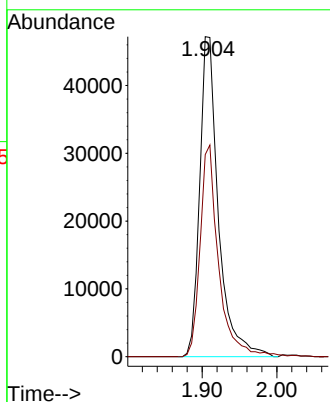
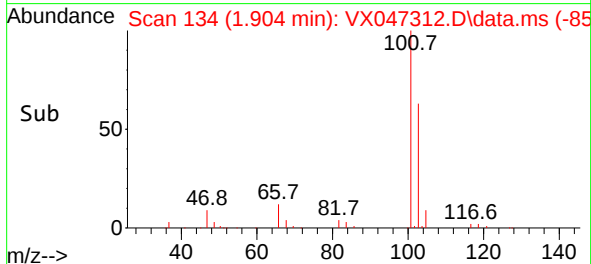
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion:101 Resp: 82128
Ion Ratio Lower Upper
101 100
103 63.2 50.9 76.3

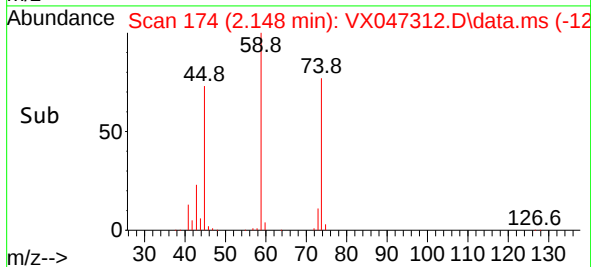
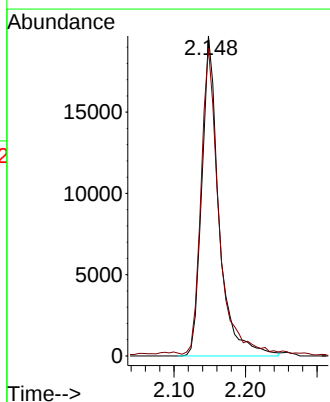
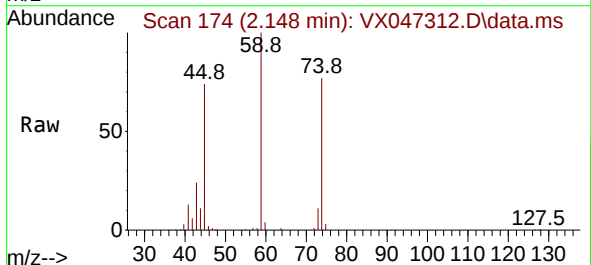
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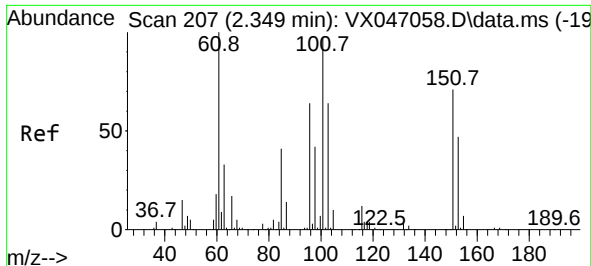
Reviewed By :John Carlone 08/14/2025
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#8
Diethyl Ether
Concen: 21.966 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Tgt Ion: 74 Resp: 32810
Ion Ratio Lower Upper
74 100
45 103.7 53.0 159.0





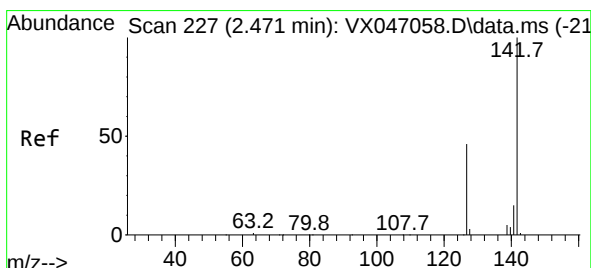
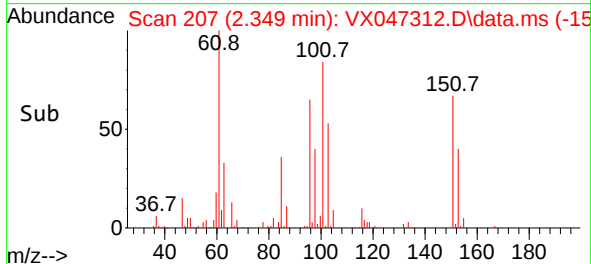
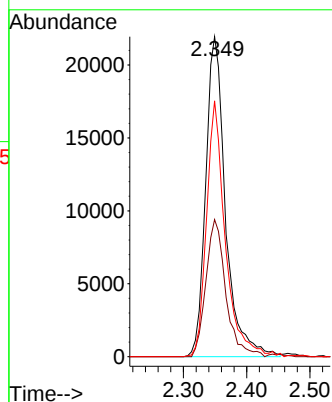
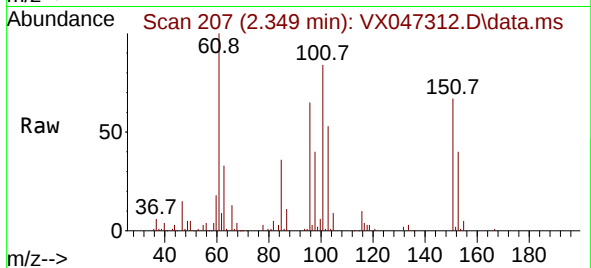
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.739 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

Tgt Ion:101 Resp: 47828
Ion Ratio Lower Upper
101 100
85 43.0 35.4 53.0
151 75.3 59.2 88.8

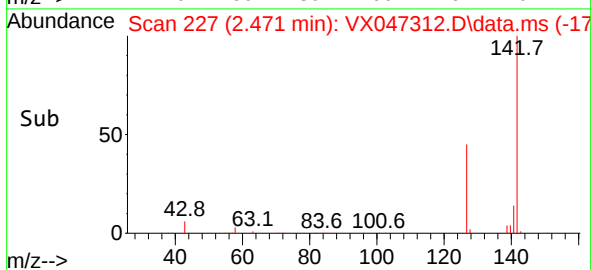
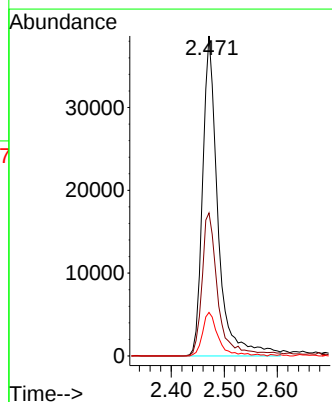
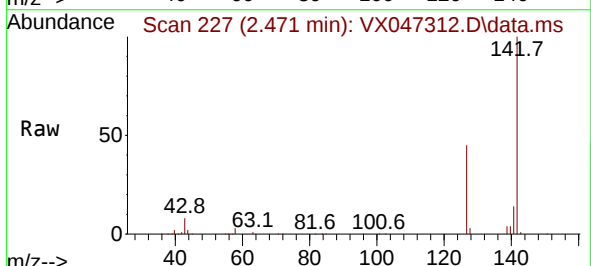
Manual Integrations
APPROVED

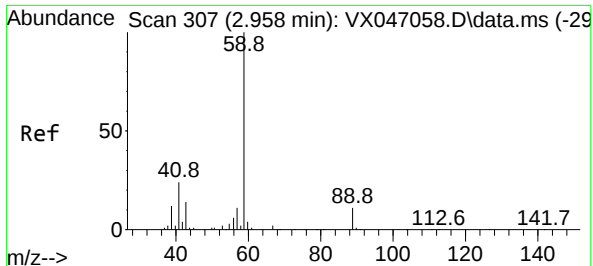
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#10
Methyl Iodide
Concen: 29.914 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.001 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Tgt Ion:142 Resp: 77812
Ion Ratio Lower Upper
142 100
127 46.9 36.6 54.8
141 13.9 10.9 16.3





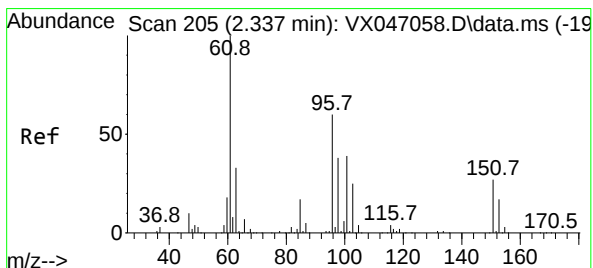
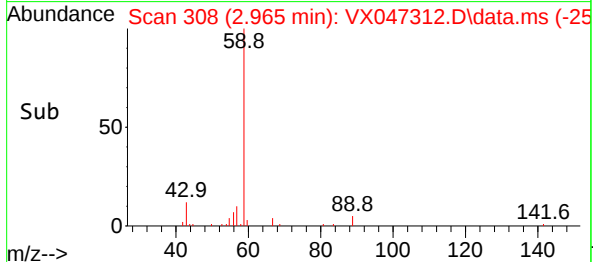
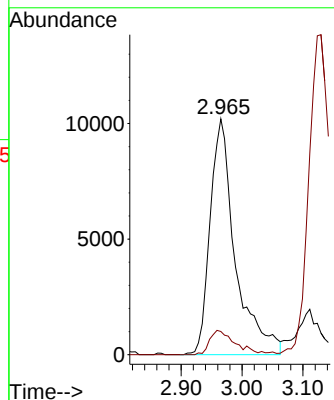
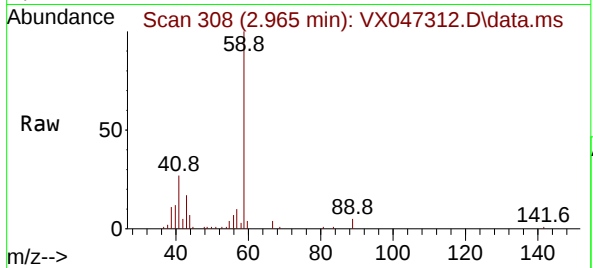
#11
Tert butyl alcohol
Concen: 93.714 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

Tgt Ion: 59 Resp: 29334
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

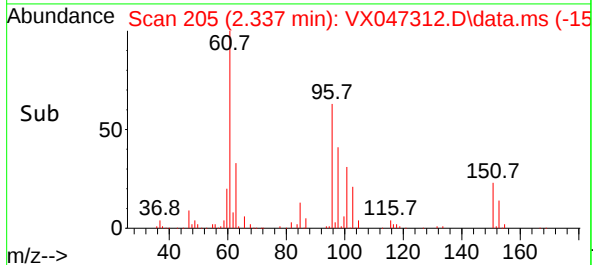
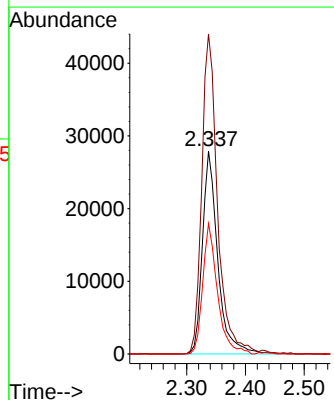
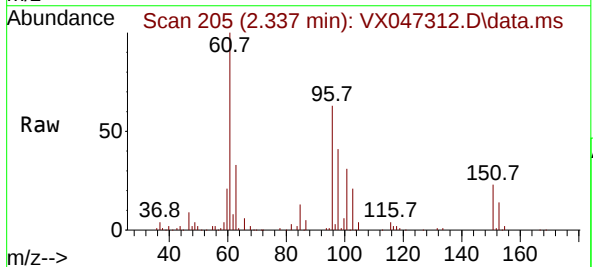
Manual Integrations
APPROVED

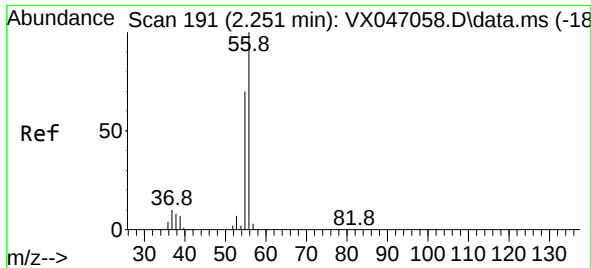
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#12
1,1-Dichloroethene
Concen: 20.045 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

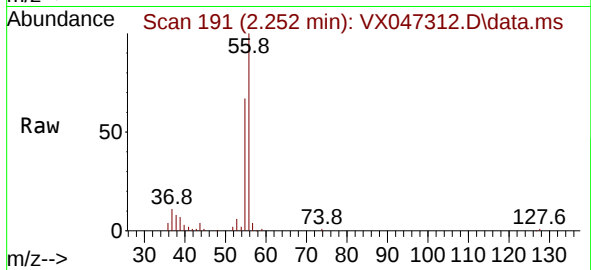
Tgt Ion: 96 Resp: 50671
Ion Ratio Lower Upper
96 100
61 157.7 132.6 198.8
98 64.3 50.2 75.4





#13
Acrolein
Concen: 139.160 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

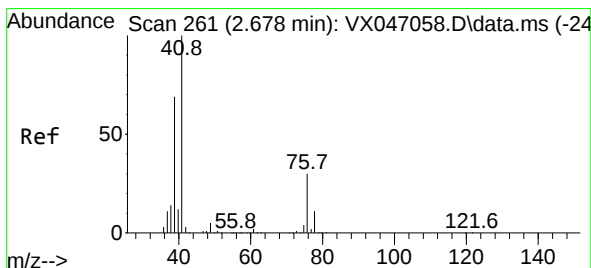
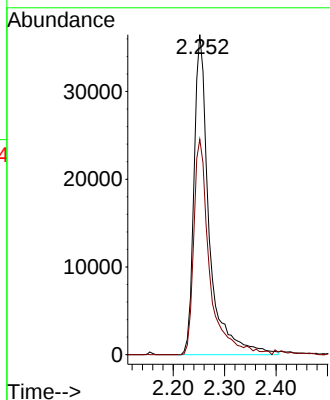
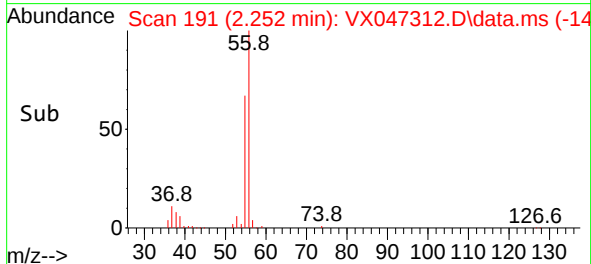
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion: 56 Resp: 7508
Ion Ratio Lower Upper
56 100
55 70.0 55.7 83.5

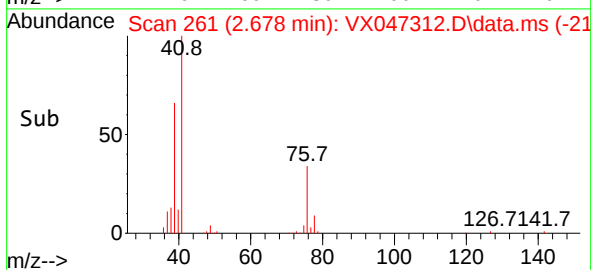
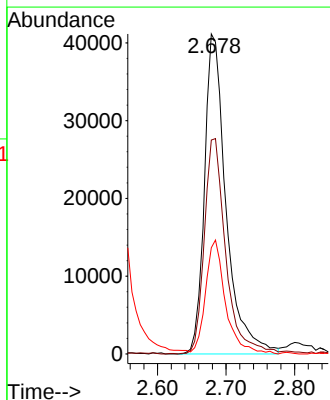
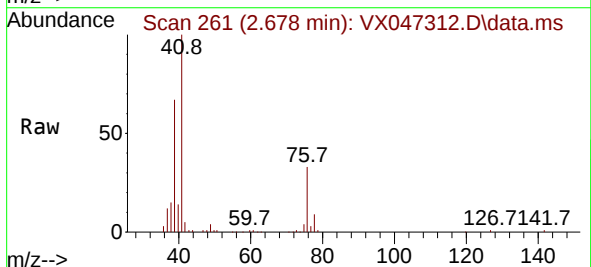
Manual Integrations
APPROVED

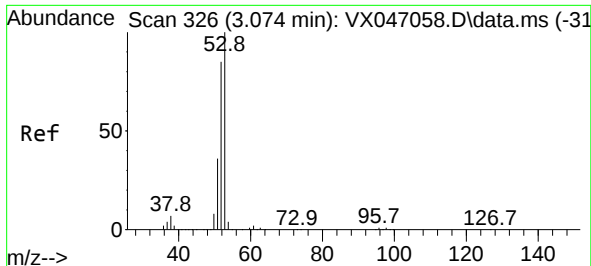
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#14
Allyl chloride
Concen: 19.819 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

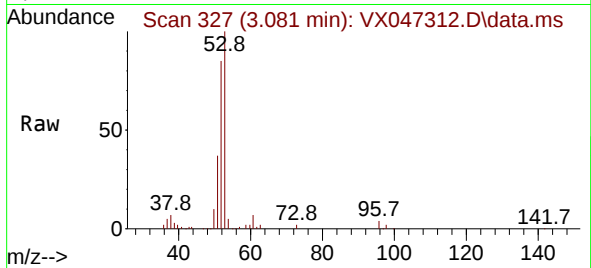
Tgt Ion: 41 Resp: 90565
Ion Ratio Lower Upper
41 100
39 66.7 52.6 78.8
76 32.9 25.7 38.5





#15
Acrylonitrile
Concen: 112.844 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

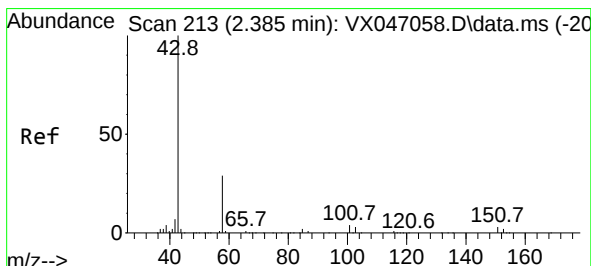
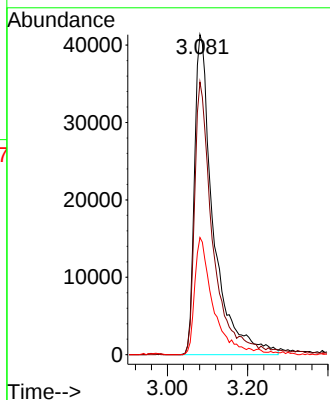
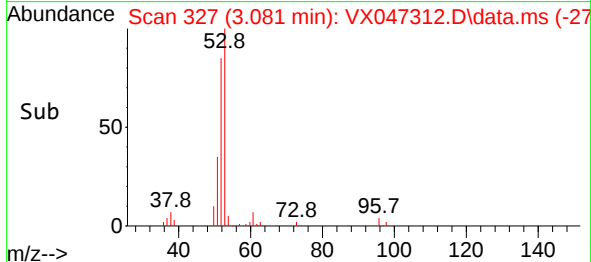
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion: 53 Resp: 13485
Ion Ratio Lower Upper
53 100
52 81.8 65.7 98.5
51 35.6 28.8 43.2

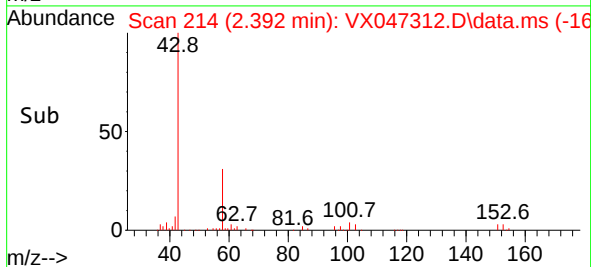
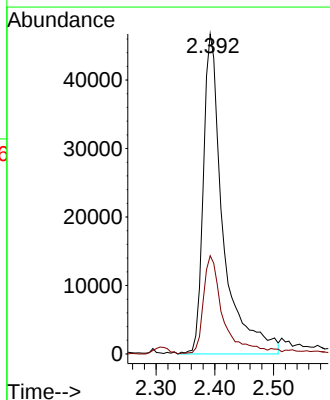
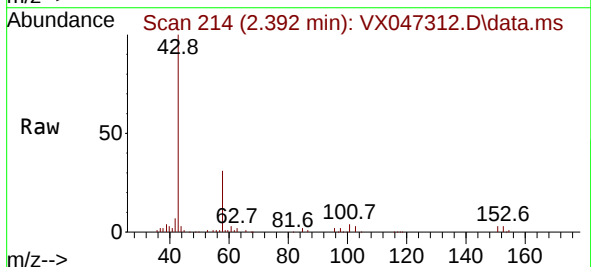
Manual Integrations
APPROVED

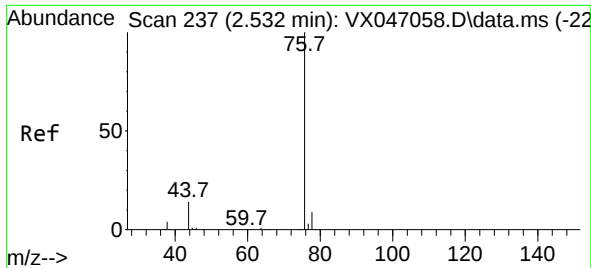
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#16
Acetone
Concen: 109.353 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

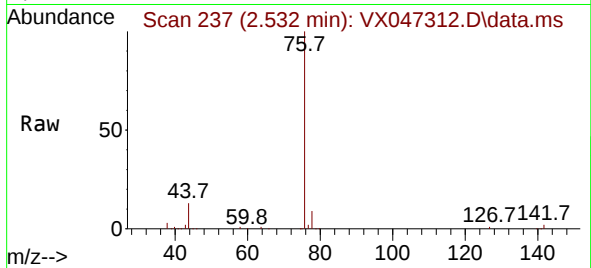
Tgt Ion: 43 Resp: 109769
Ion Ratio Lower Upper
43 100
58 30.6 24.0 36.0





#17
Carbon Disulfide
Concen: 18.890 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

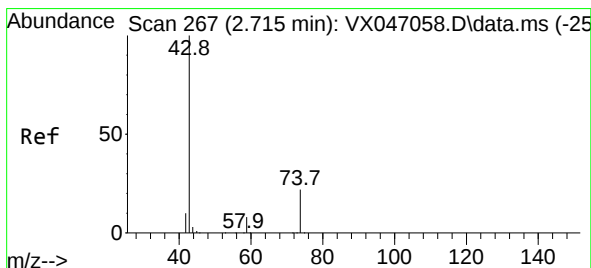
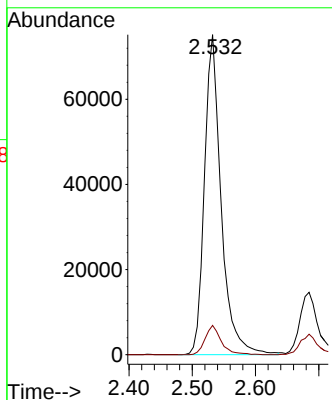
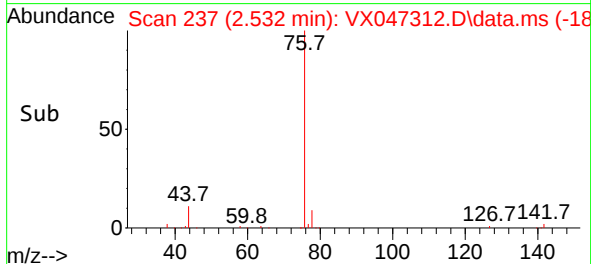
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion: 76 Resp: 13814
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

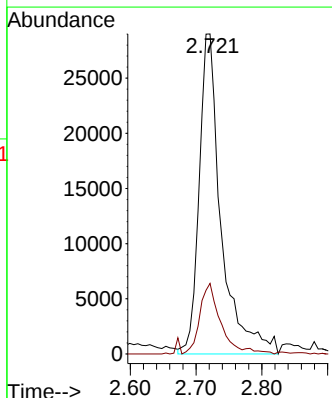
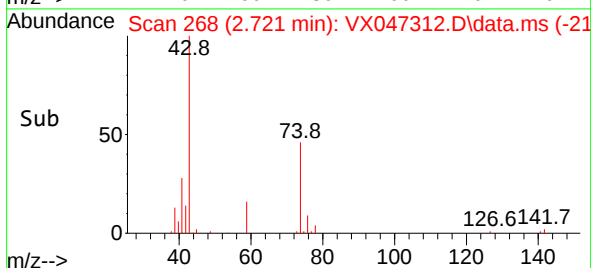
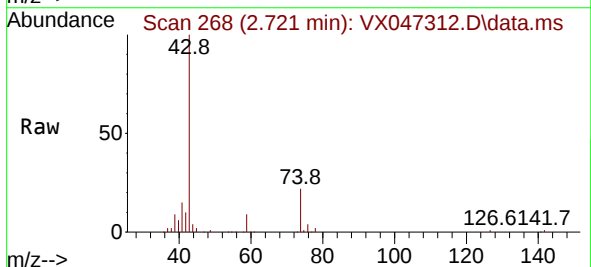
Manual Integrations
APPROVED

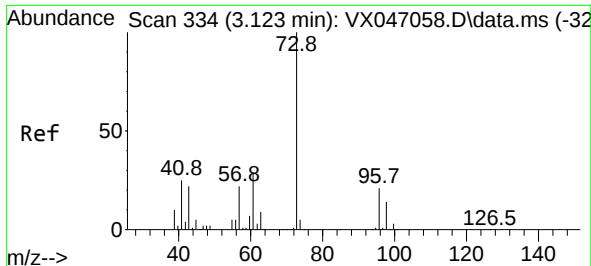
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#18
Methyl Acetate
Concen: 25.293 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Tgt Ion: 43 Resp: 67472
Ion Ratio Lower Upper
43 100
74 20.9 17.7 26.5





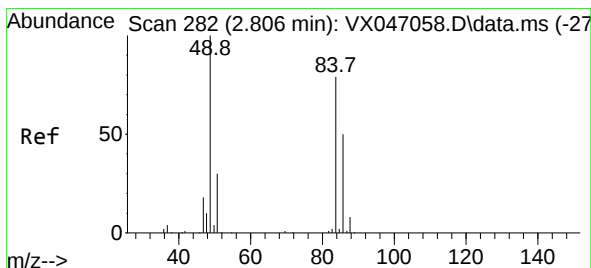
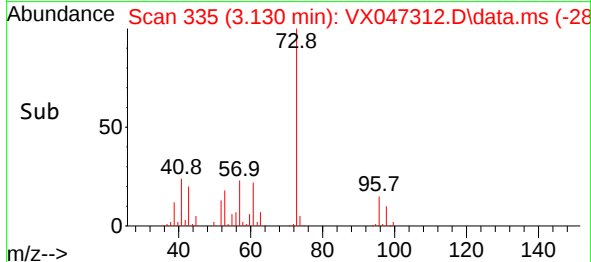
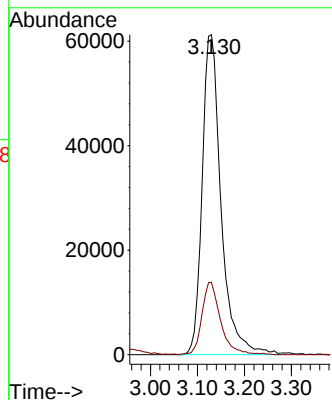
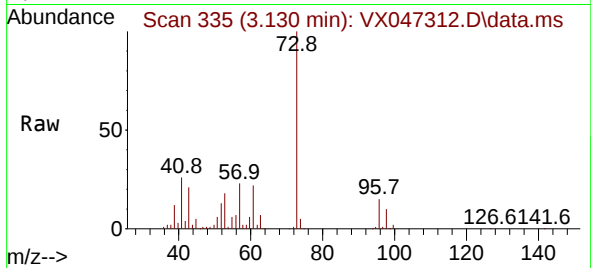
#19
Methyl tert-butyl Ether
Concen: 22.215 ug/l
RT: 3.130 min Scan# 311
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

Tgt Ion: 73 Resp: 170912
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5

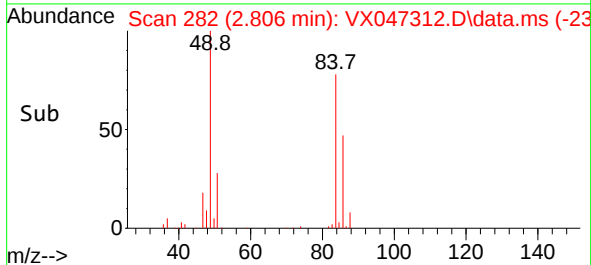
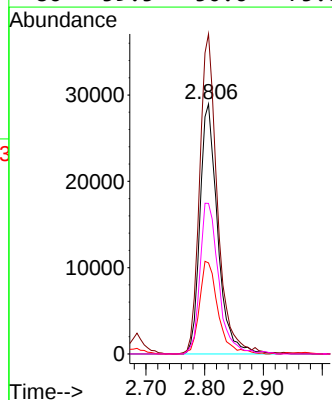
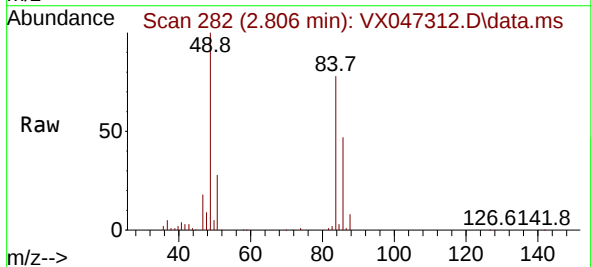
Manual Integrations
APPROVED

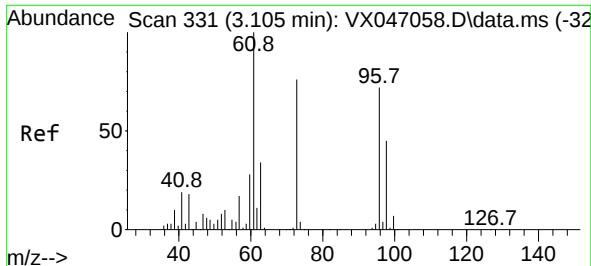
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#20
Methylene Chloride
Concen: 21.969 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

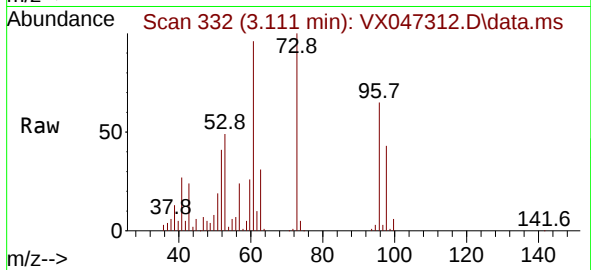
Tgt Ion: 84 Resp: 60670
Ion Ratio Lower Upper
84 100
49 123.6 101.6 152.4
51 35.2 30.3 45.5
86 59.5 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 20.531 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

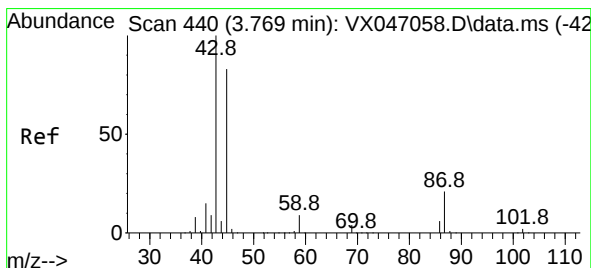
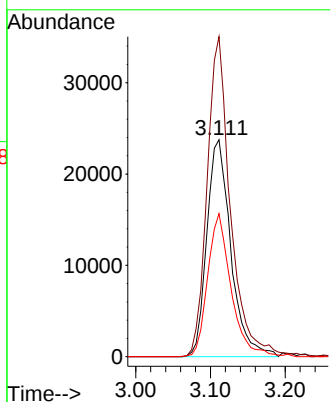
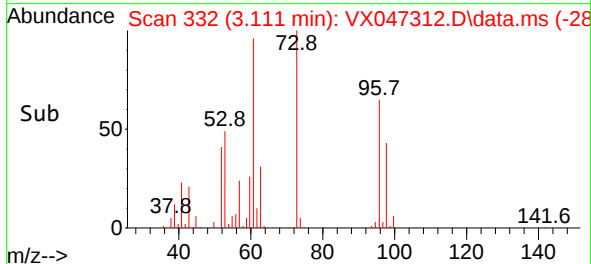
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



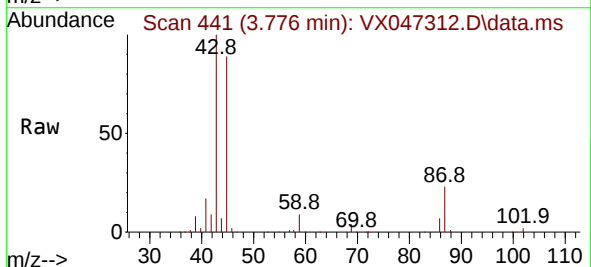
Tgt Ion: 96 Resp: 53110
Ion Ratio Lower Upper
96 100
61 147.5 111.1 166.7
98 66.0 49.6 74.4

Manual Integrations
APPROVED

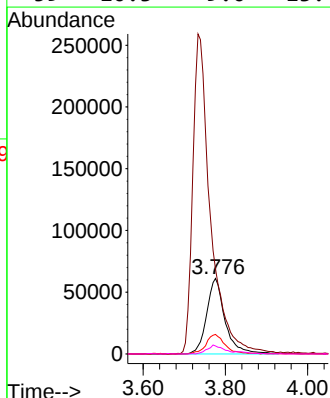
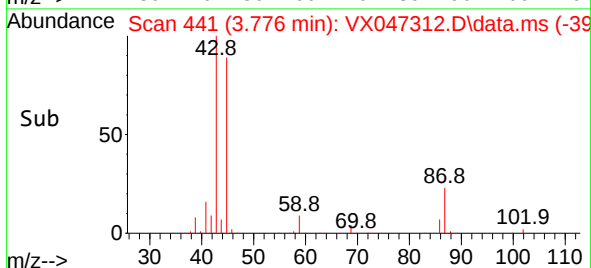
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

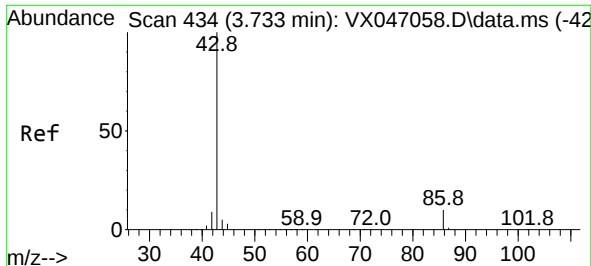


#22
Diisopropyl ether
Concen: 21.575 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24



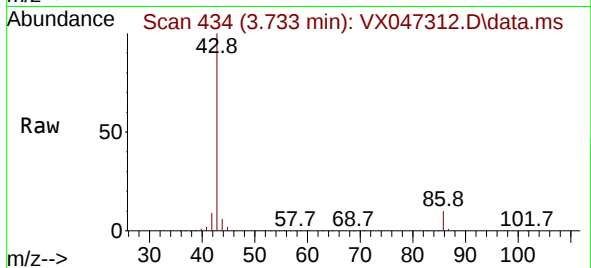
Tgt Ion: 45 Resp: 189542
Ion Ratio Lower Upper
45 100
43 111.9 96.8 145.2
87 25.8 20.5 30.7
59 10.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 110.278 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX047312.D
 Acq: 13 Aug 2025 11:24

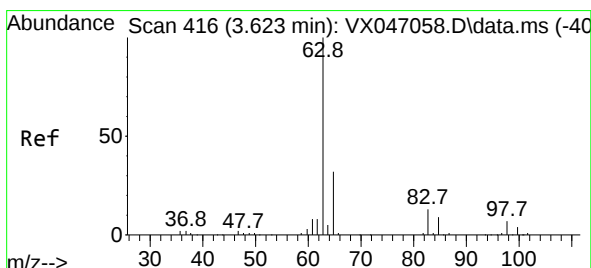
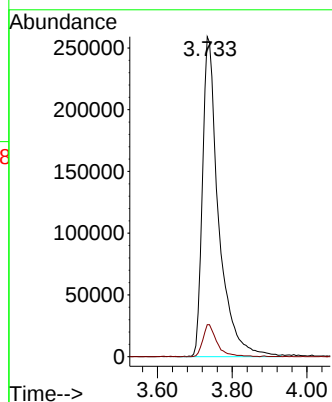
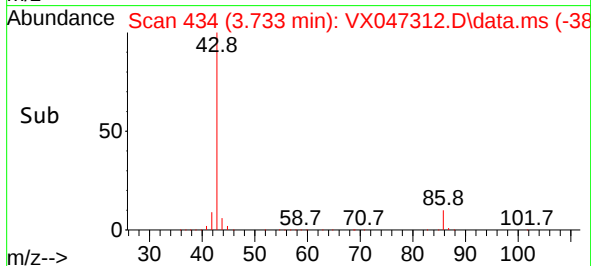
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01



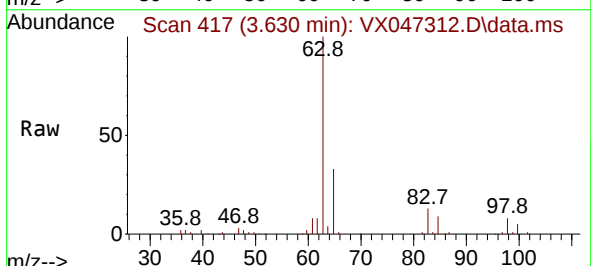
Tgt Ion: 43 Resp: 77707
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1

Manual Integrations
 APPROVED

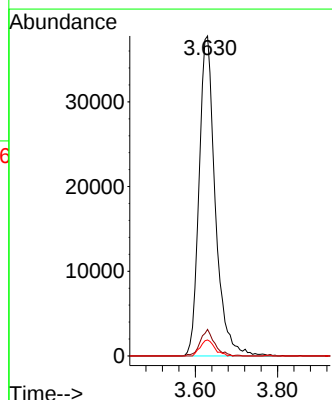
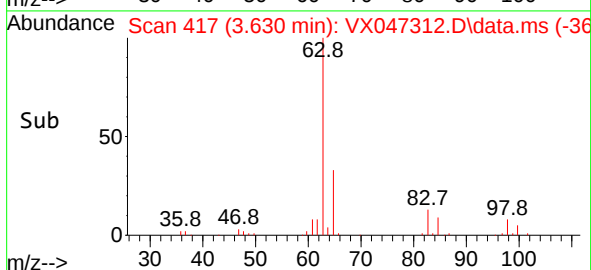
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

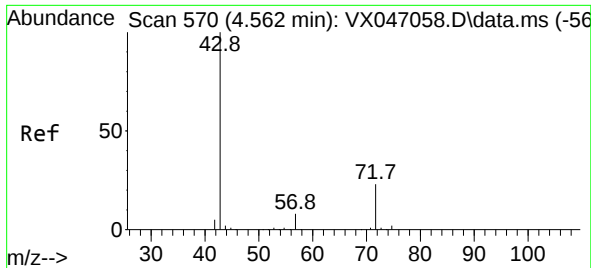


#24
 1,1-Dichloroethane
 Concen: 21.143 ug/l
 RT: 3.630 min Scan# 417
 Delta R.T. 0.007 min
 Lab File: VX047312.D
 Acq: 13 Aug 2025 11:24



Tgt Ion: 63 Resp: 103292
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 5.0 2.3 6.8





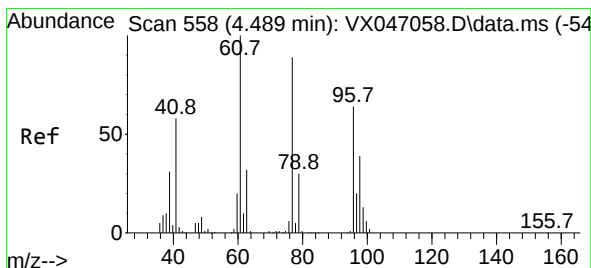
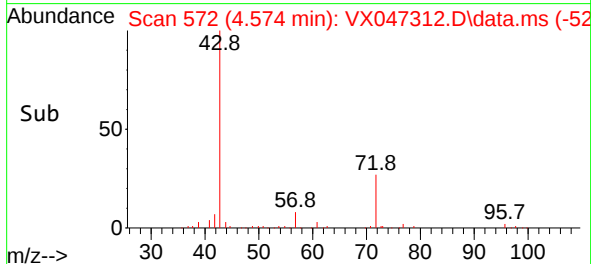
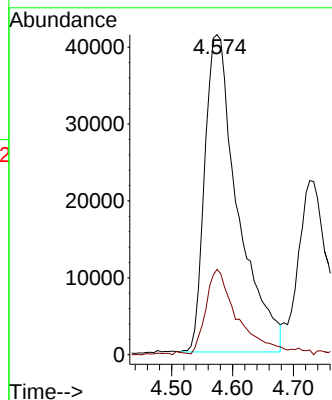
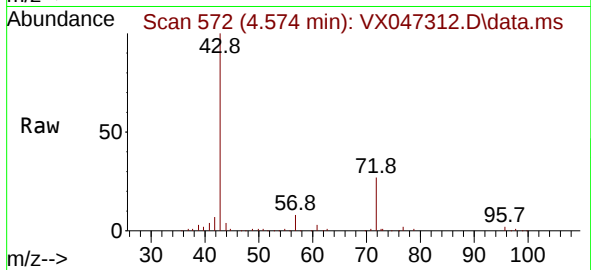
#25
2-Butanone
Concen: 106.560 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

Tgt Ion: 43 Resp: 155750
Ion Ratio Lower Upper
43 100
72 27.1 18.8 28.2

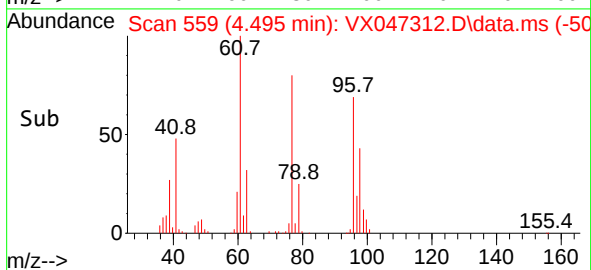
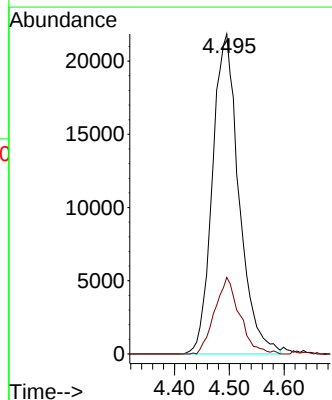
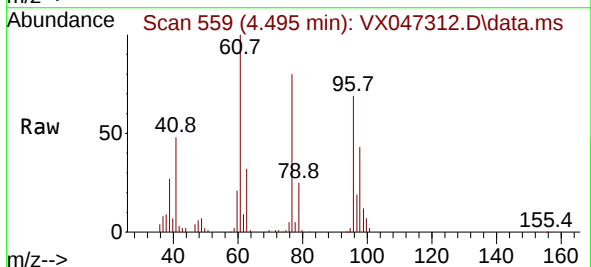
Manual Integrations
APPROVED

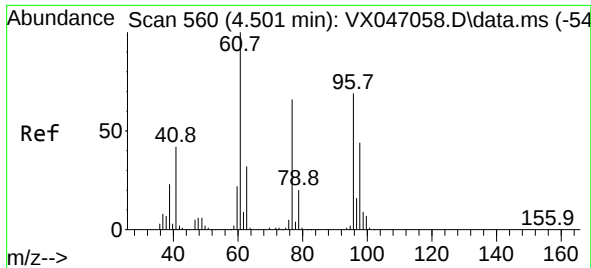
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#26
2,2-Dichloropropane
Concen: 19.417 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Tgt Ion: 77 Resp: 73431
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.900 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.007 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

Tgt Ion: 96 Resp: 6402

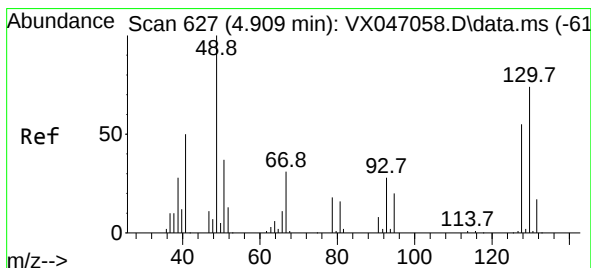
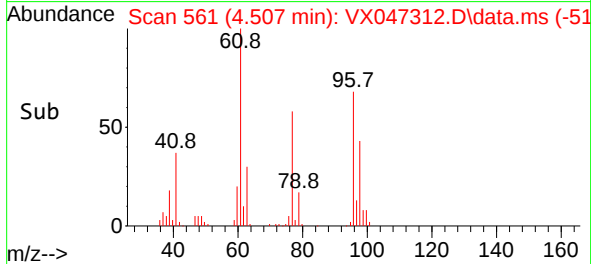
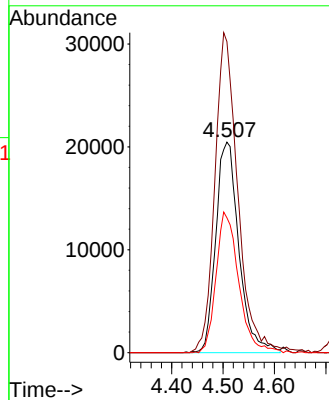
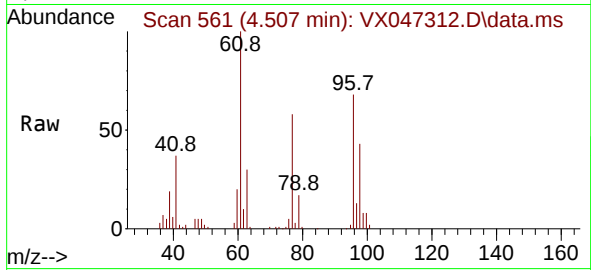
Ion	Ratio	Lower	Upper
96	100		
61	151.3	0.0	298.6
98	65.3	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#28

Bromochloromethane

Concen: 23.761 ug/l

RT: 4.910 min Scan# 627

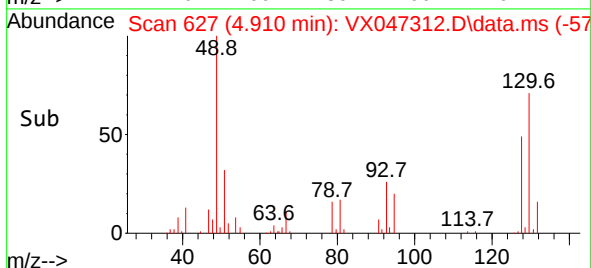
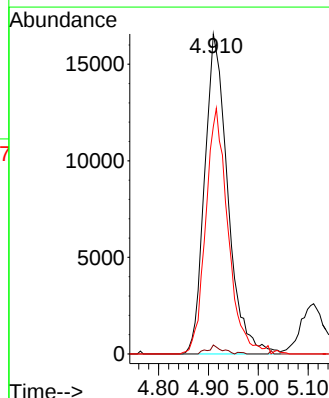
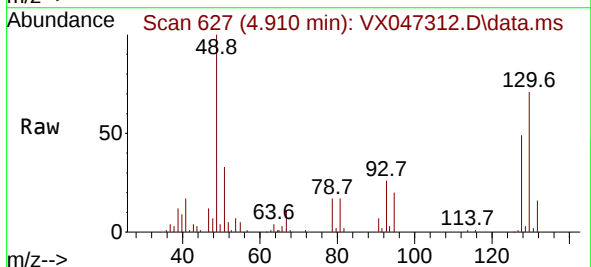
Delta R.T. 0.000 min

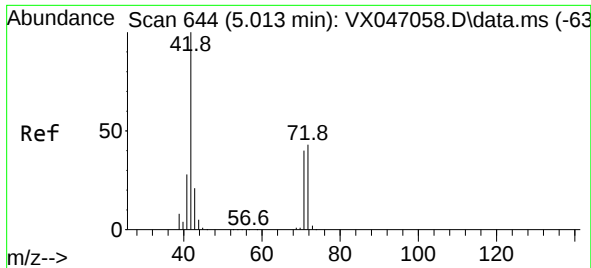
Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

Tgt Ion: 49 Resp: 53405

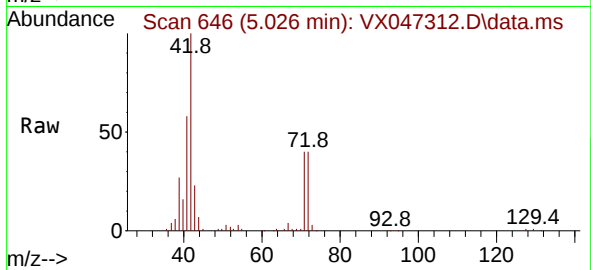
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	74.4	59.0	88.4





#29
Tetrahydrofuran
Concen: 103.638 ug/l
RT: 5.026 min Scan# 644
Delta R.T. 0.013 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

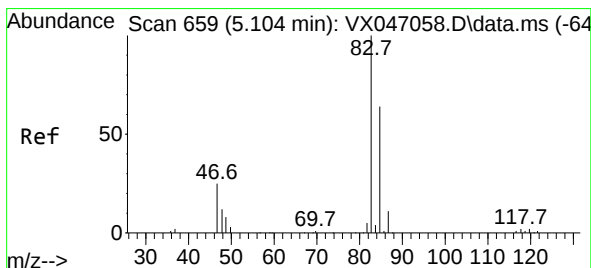
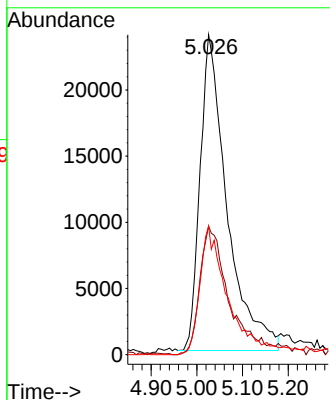
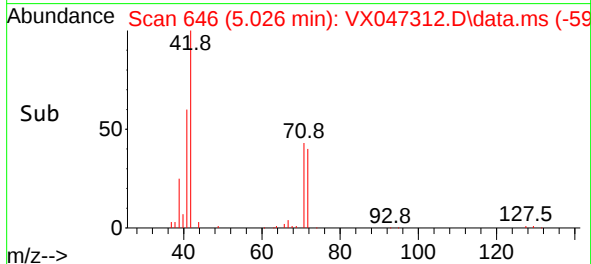
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion: 42 Resp: 9773
Ion Ratio Lower Upper
42 100
72 44.0 33.7 50.5
71 42.0 31.0 46.4

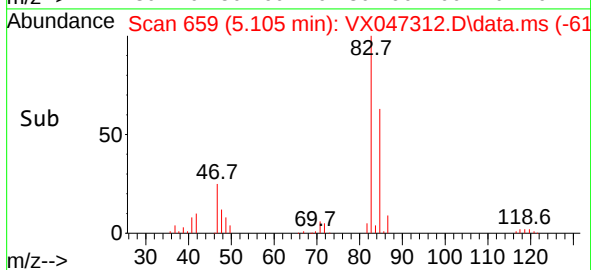
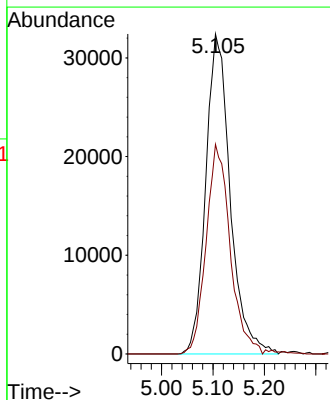
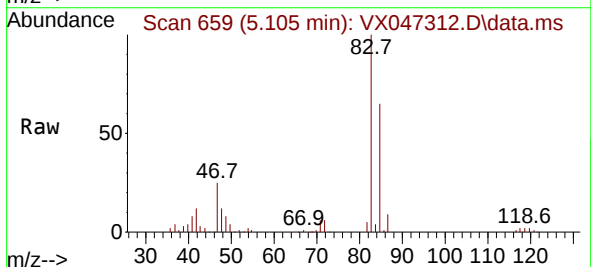
Manual Integrations
APPROVED

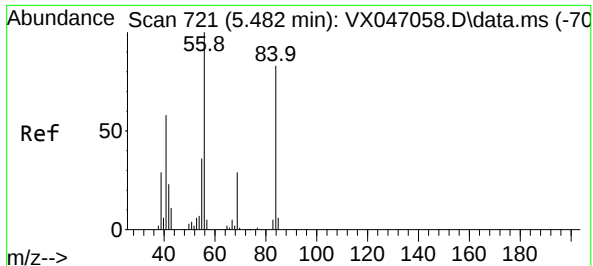
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#30
Chloroform
Concen: 21.507 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

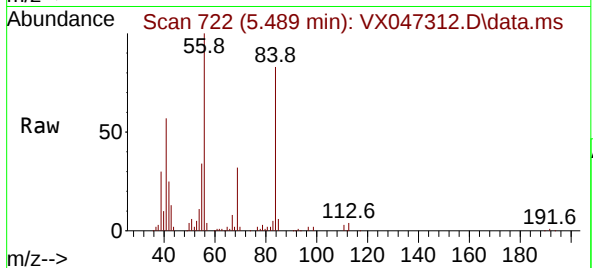
Tgt Ion: 83 Resp: 106952
Ion Ratio Lower Upper
83 100
85 65.5 50.9 76.3





#31
Cyclohexane
Concen: 17.795 ug/l
RT: 5.489 min Scan# 712
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

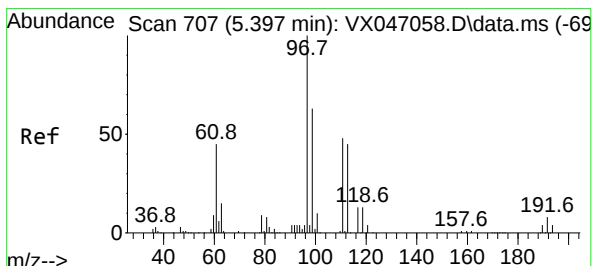
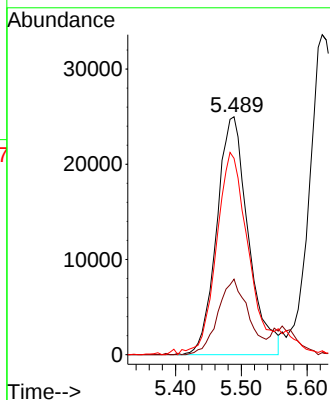
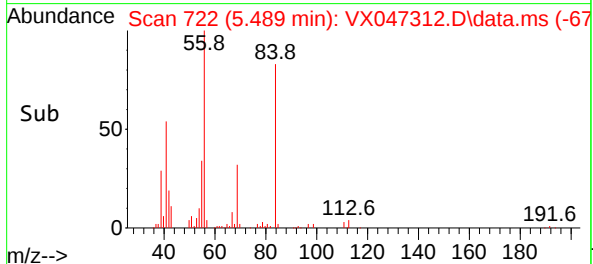
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion: 56 Resp: 8335
Ion Ratio Lower Upper
56 100
69 31.1 23.3 34.9
84 82.5 66.5 99.7

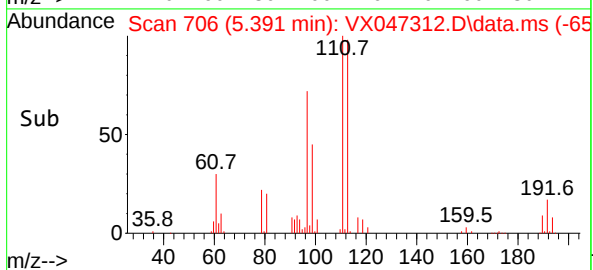
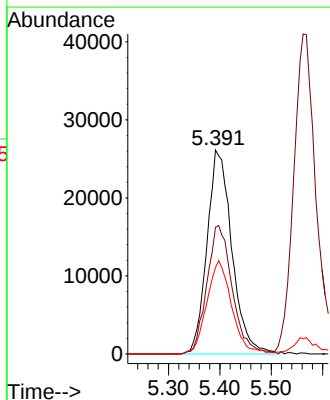
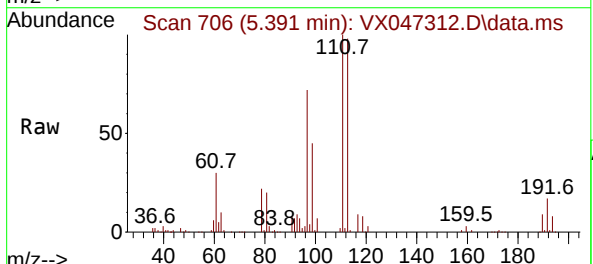
Manual Integrations
APPROVED

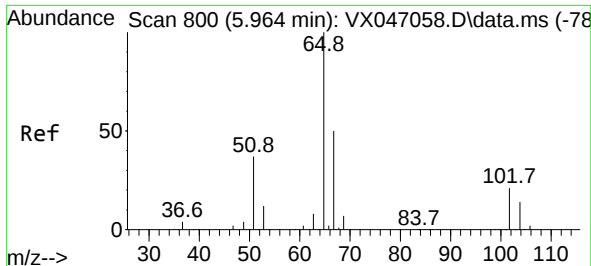
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#32
1,1,1-Trichloroethane
Concen: 20.362 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

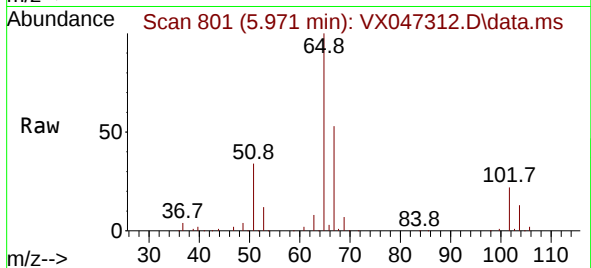
Tgt Ion: 97 Resp: 87950
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 45.7 37.1 55.7





#33
1,2-Dichloroethane-d4
Concen: 54.717 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

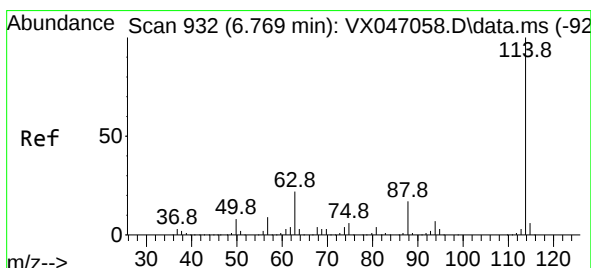
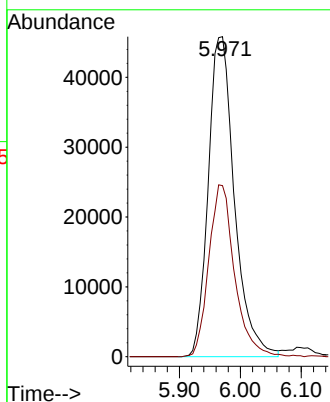
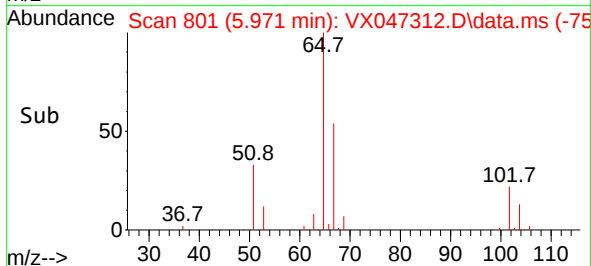
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



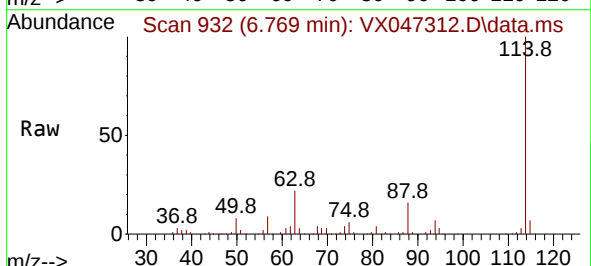
Tgt Ion: 65 Resp: 137100
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

Manual Integrations
APPROVED

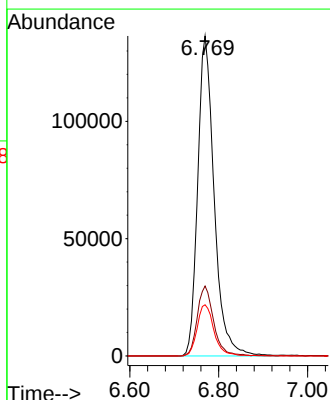
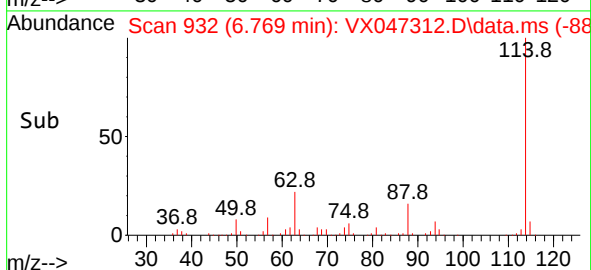
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

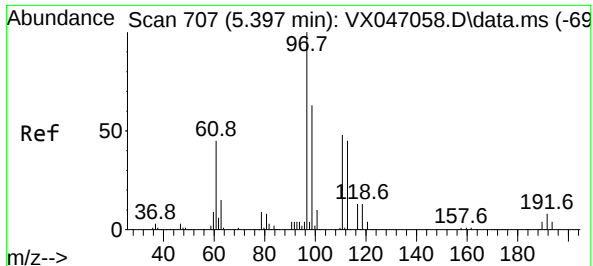


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24



Tgt Ion:114 Resp: 351465
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 16.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.734 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047312.D

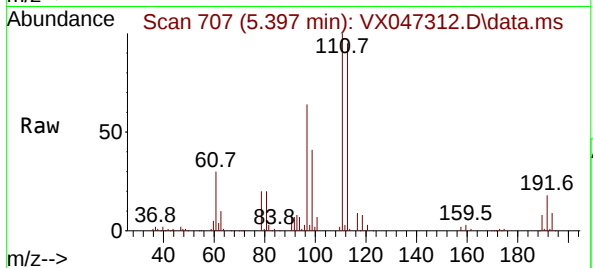
Acq: 13 Aug 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01



Tgt Ion:113 Resp: 120940

Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

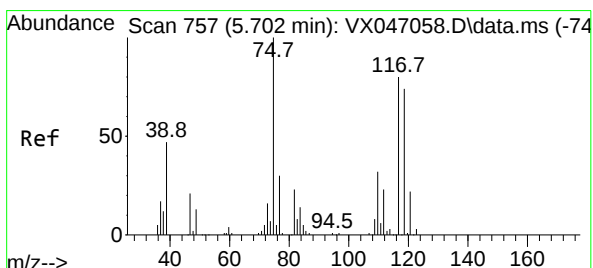
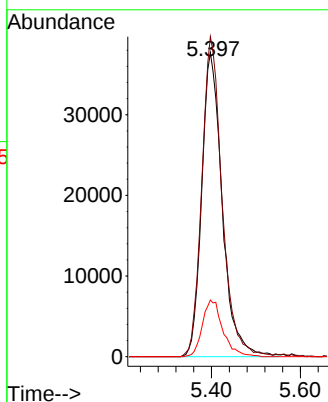
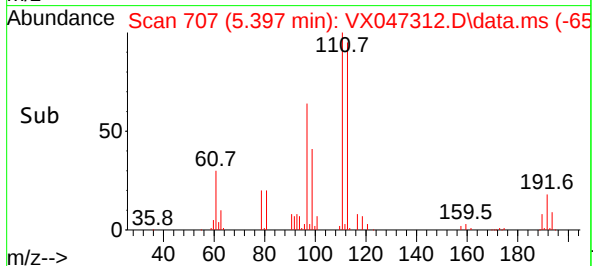
192 18.7 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#36

1,1-Dichloropropene

Concen: 18.416 ug/l

RT: 5.708 min Scan# 758

Delta R.T. 0.007 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

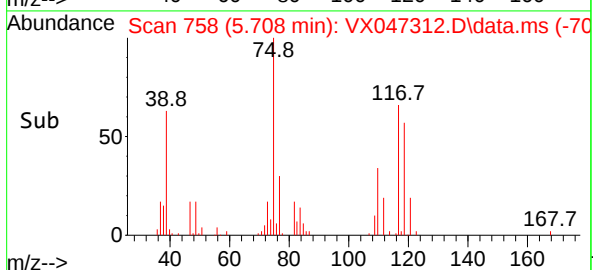
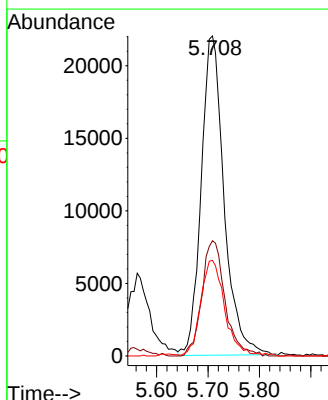
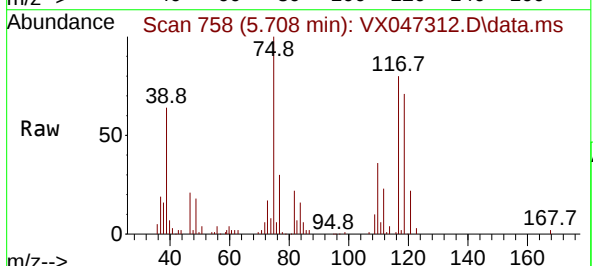
Tgt Ion: 75 Resp: 68123

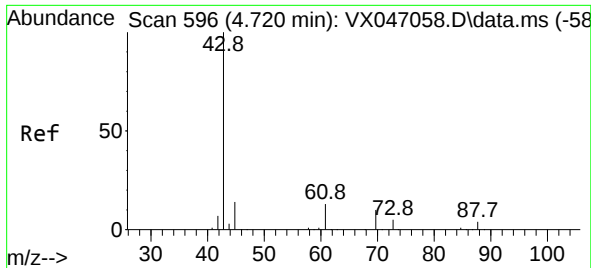
Ion Ratio Lower Upper

75 100

110 36.5 17.2 51.5

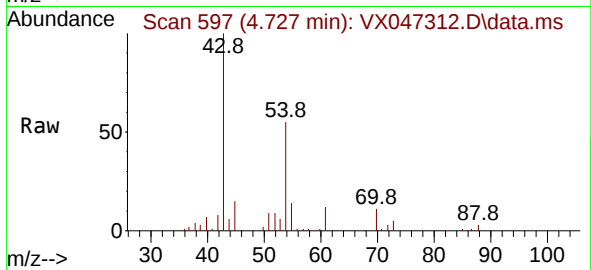
77 30.7 25.1 37.7





#37
Ethyl Acetate
Concen: 23.264 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

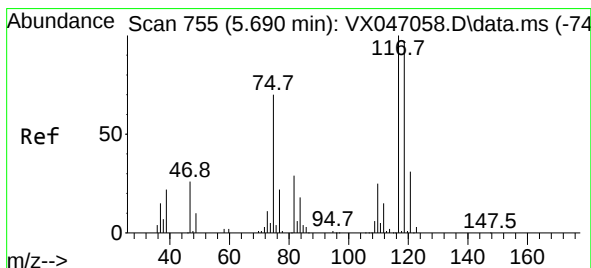
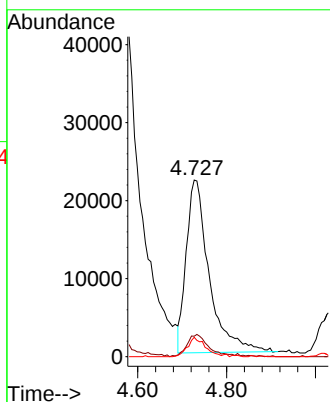
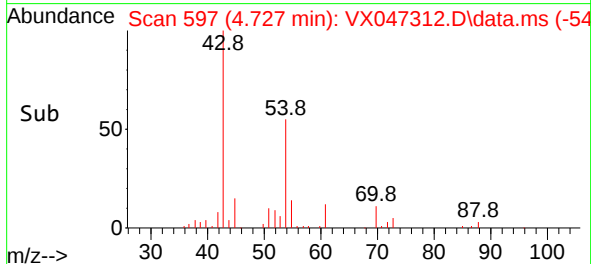
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion: 43 Resp: 7929
Ion Ratio Lower Upper
43 100
61 12.1 10.2 15.2
70 8.5 8.1 12.1

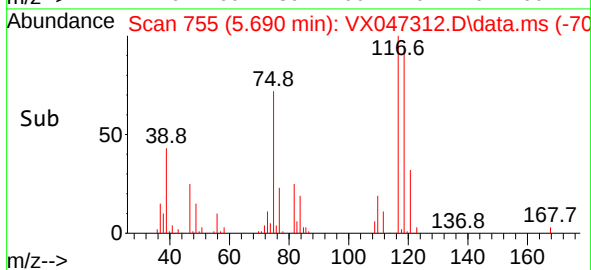
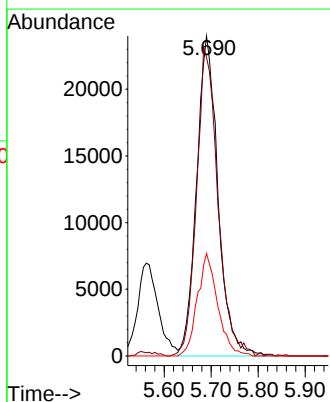
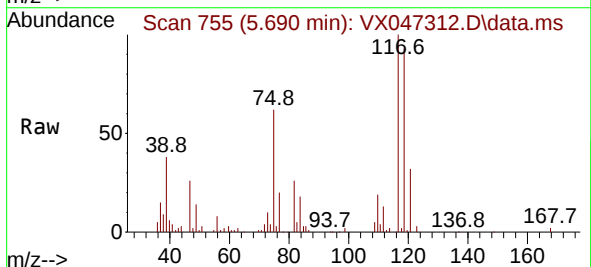
Manual Integrations
APPROVED

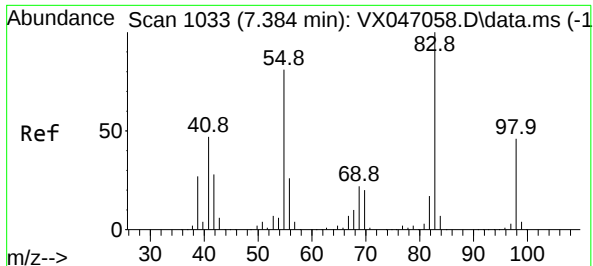
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#38
Carbon Tetrachloride
Concen: 19.234 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Tgt Ion:117 Resp: 75937
Ion Ratio Lower Upper
117 100
119 92.9 76.6 115.0
121 32.1 24.4 36.6





#39

Methylcyclohexane

Concen: 16.879 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.001 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

Tgt Ion: 83 Resp: 7795

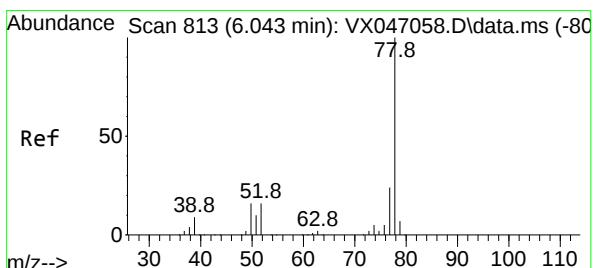
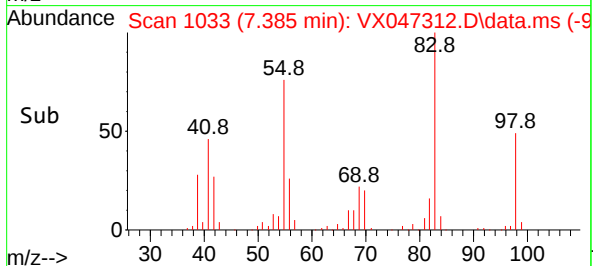
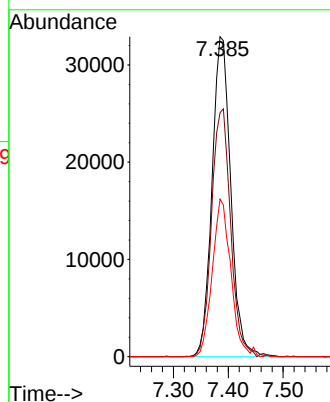
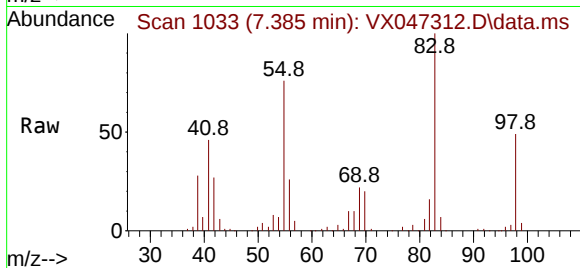
Ion	Ratio	Lower	Upper
83	100		
55	76.3	64.5	96.7
98	49.2	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#40

Benzene

Concen: 20.699 ug/l

RT: 6.050 min Scan# 814

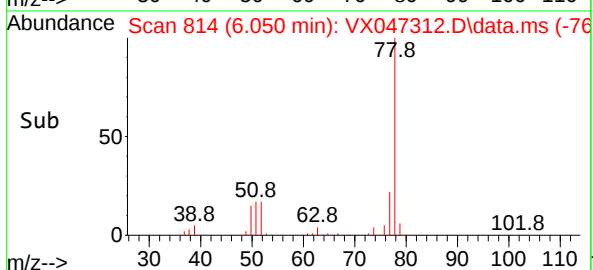
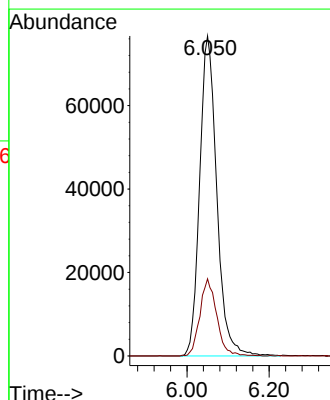
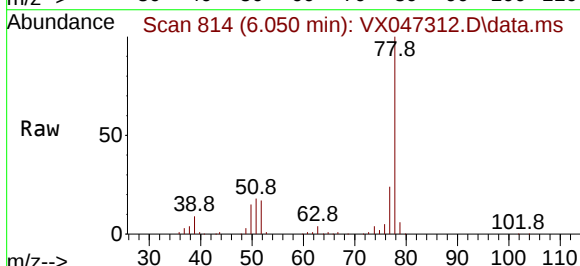
Delta R.T. 0.007 min

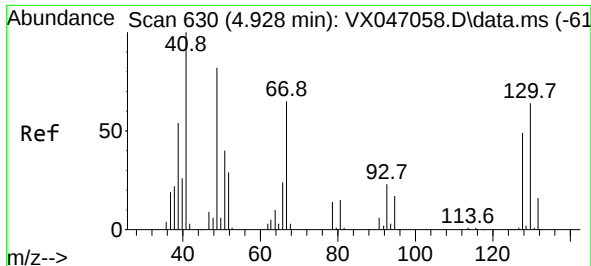
Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

Tgt Ion: 78 Resp: 221589

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





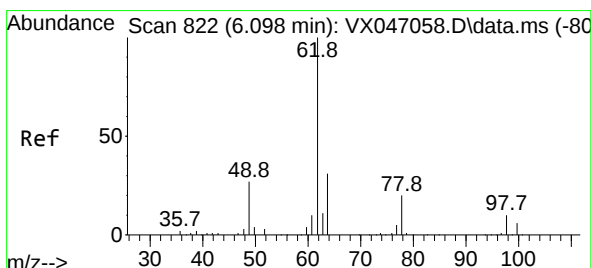
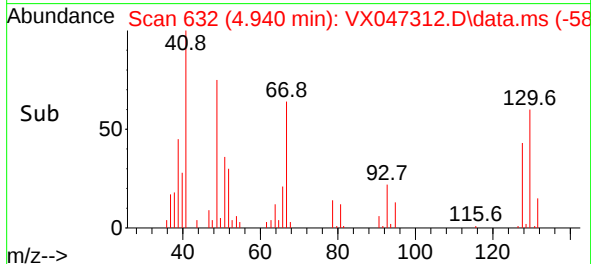
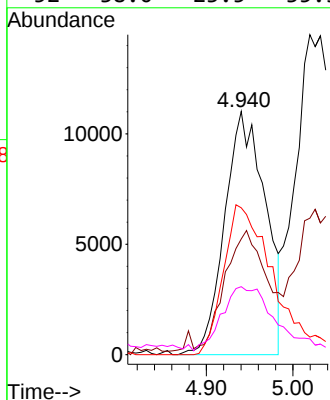
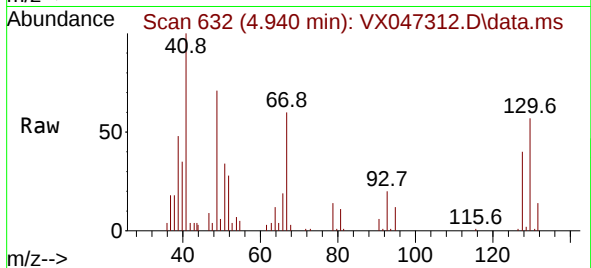
#41
Methacrylonitrile
Concen: 20.202 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

Tgt Ion: 41 Resp: 36004
Ion Ratio Lower Upper
41 100
39 50.4 44.2 66.2
67 78.2 56.4 84.6
52 38.0 23.5 35.3#

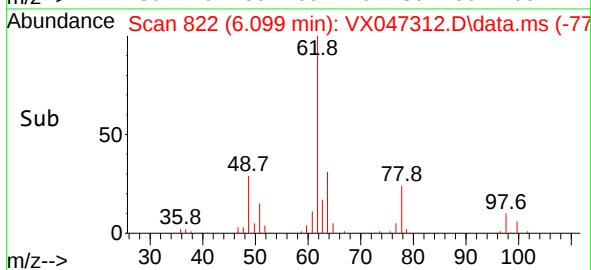
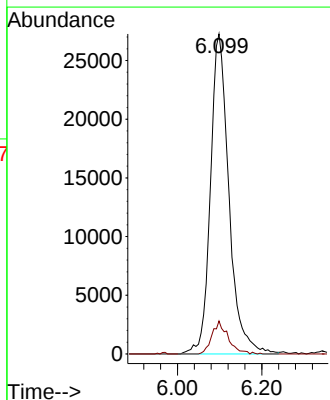
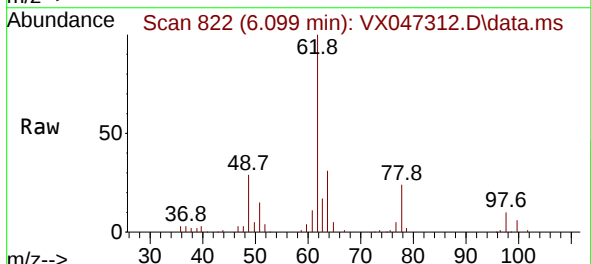
Manual Integrations
APPROVED

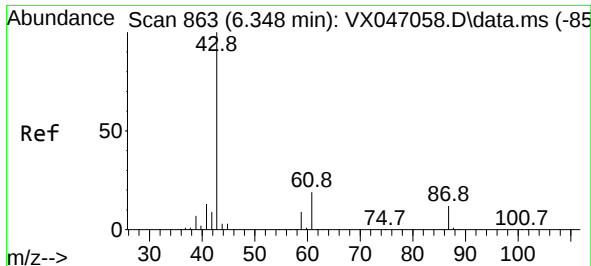
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#42
1,2-Dichloroethane
Concen: 22.036 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

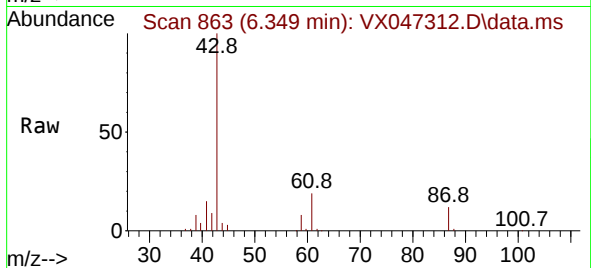
Tgt Ion: 62 Resp: 83097
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.8





#43
Isopropyl Acetate
Concen: 21.781 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

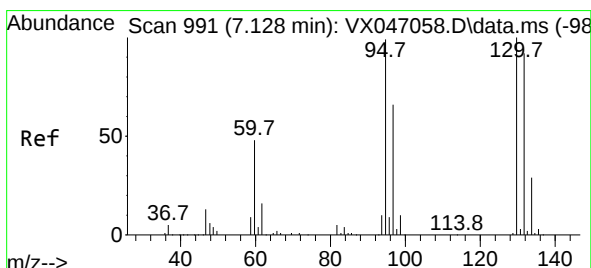
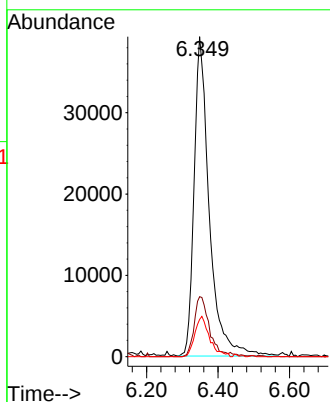
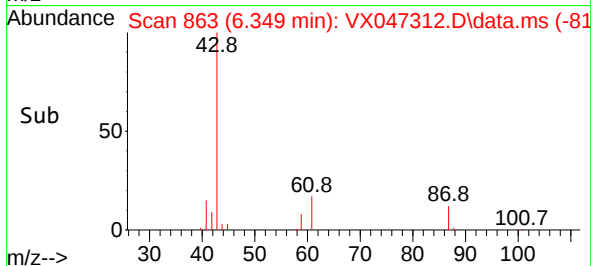
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion: 43 Resp: 115740
Ion Ratio Lower Upper
43 100
61 19.3 15.1 22.7
87 12.2 9.7 14.5

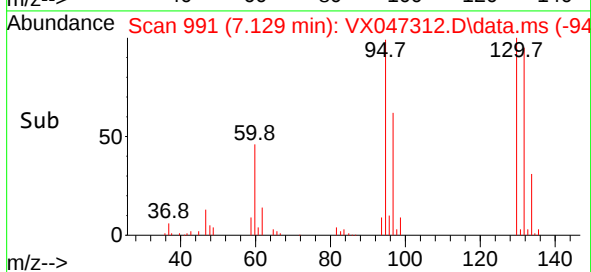
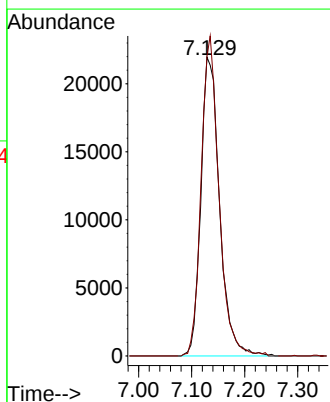
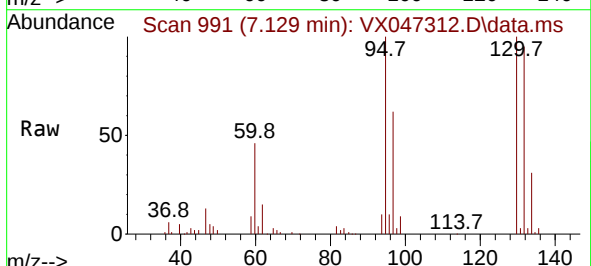
Manual Integrations
APPROVED

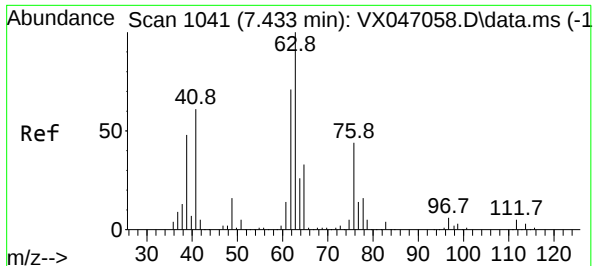
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#44
Trichloroethene
Concen: 19.598 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Tgt Ion:130 Resp: 53800
Ion Ratio Lower Upper
130 100
95 100.3 0.0 198.6





#45

1,2-Dichloropropane

Concen: 20.747 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

Tgt Ion: 63 Resp: 5562

Ion Ratio Lower Upper

63 100

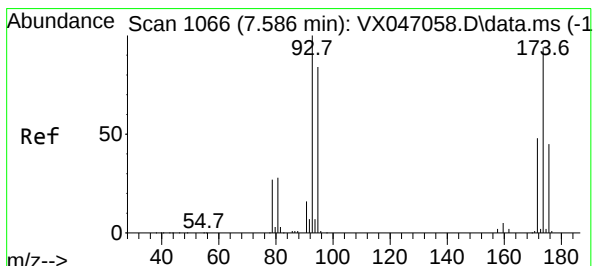
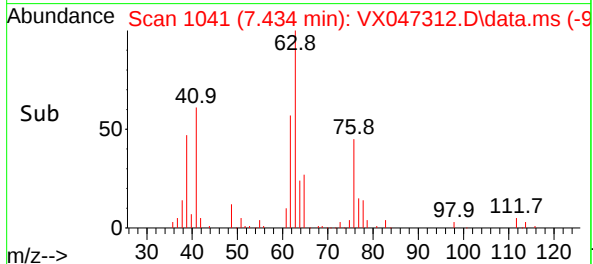
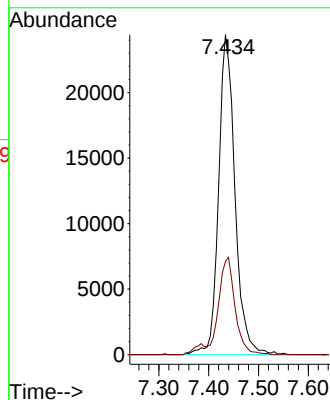
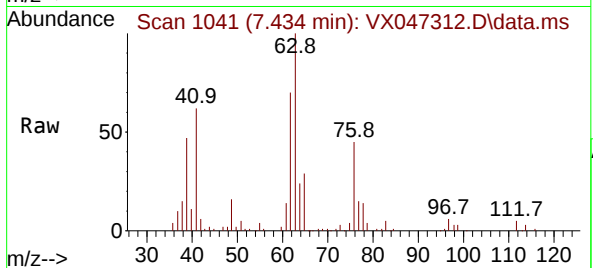
65 29.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#46

Dibromomethane

Concen: 22.334 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

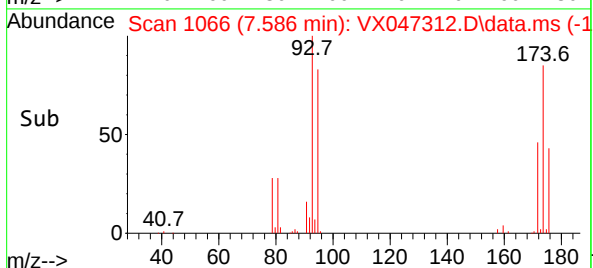
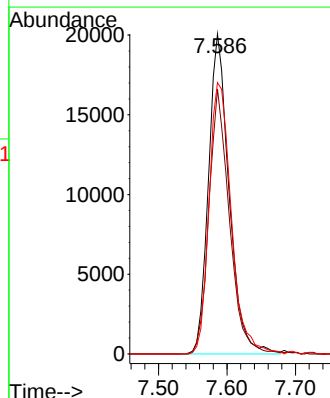
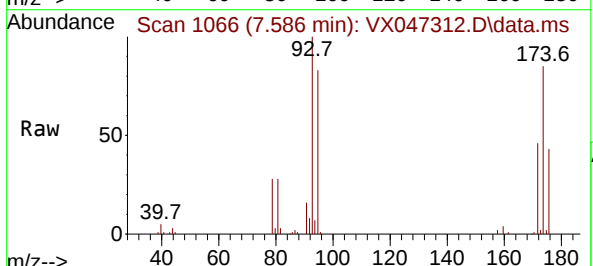
Tgt Ion: 93 Resp: 41993

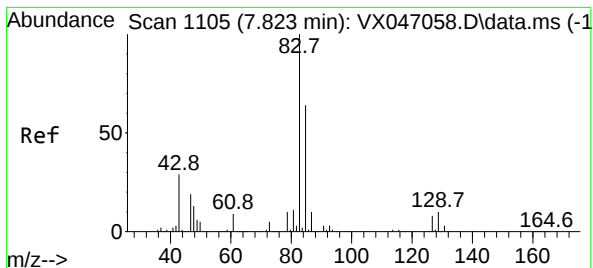
Ion Ratio Lower Upper

93 100

95 82.1 65.9 98.9

174 91.3 74.6 112.0





#47

Bromodichloromethane

Concen: 21.180 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

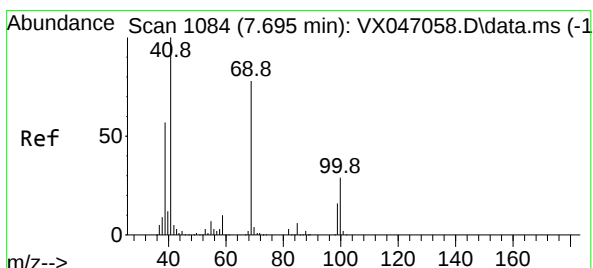
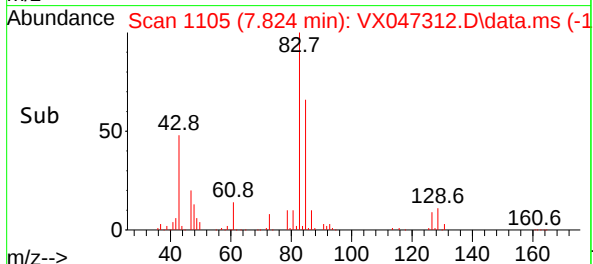
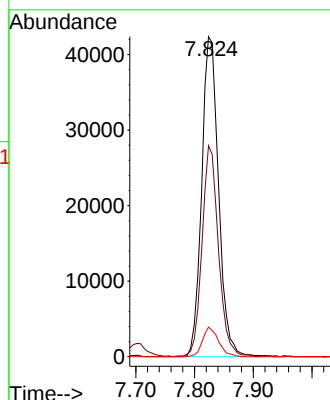
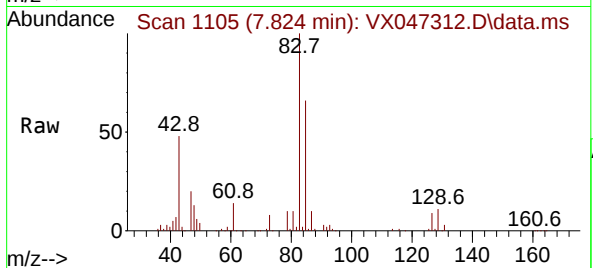
Tgt Ion:	83	Resp:	84762
Ion Ratio	Lower	Upper	
83	100		
85	65.9	49.9	74.9
127	9.2	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#48

Methyl methacrylate

Concen: 20.720 ug/l

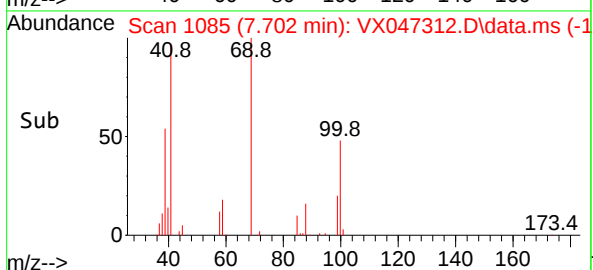
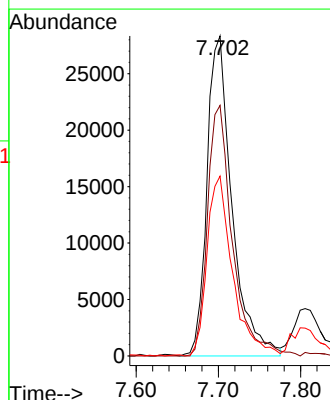
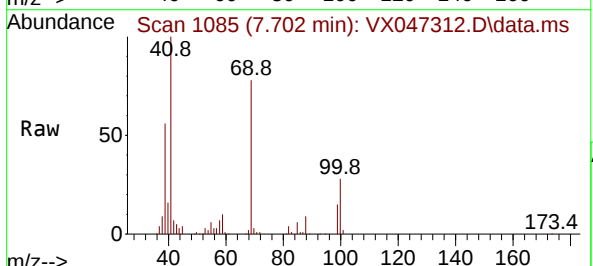
RT: 7.702 min Scan# 1085

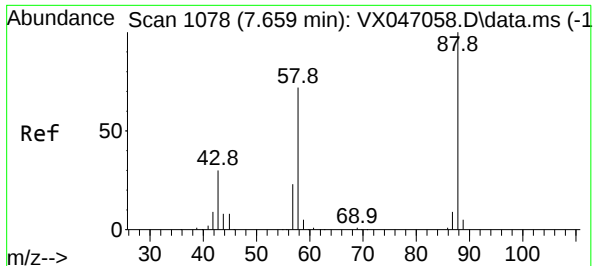
Delta R.T. 0.007 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

Tgt Ion:	41	Resp:	59981
Ion Ratio	Lower	Upper	
41	100		
69	78.0	62.3	93.5
39	57.4	44.8	67.2





#49

1,4-Dioxane

Concen: 386.524 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.025 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

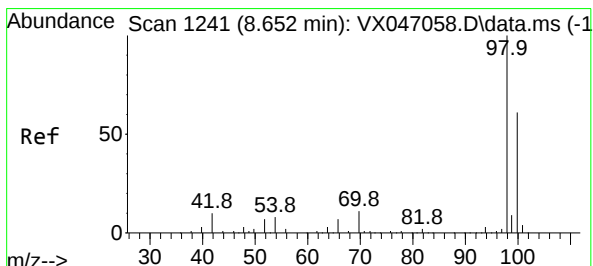
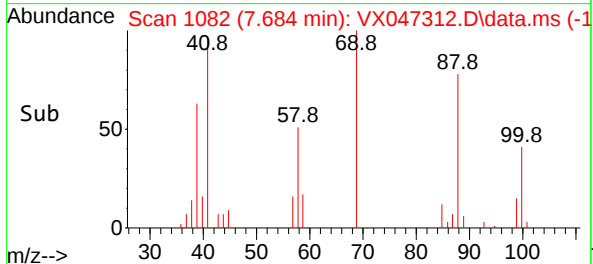
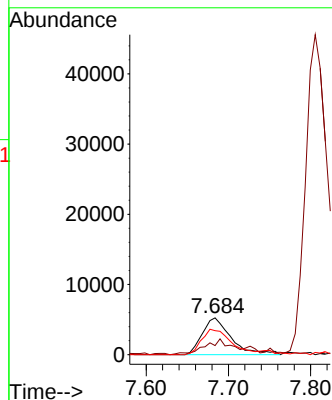
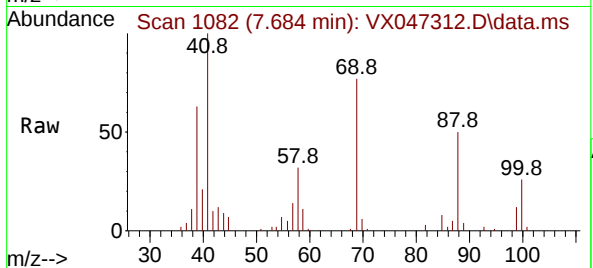
Tgt Ion: 88 Resp: 12720
 Ion Ratio Lower Upper
 88 100
 43 38.1 33.6 50.4
 58 70.0 58.8 88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#50

Toluene-d8

Concen: 48.402 ug/l

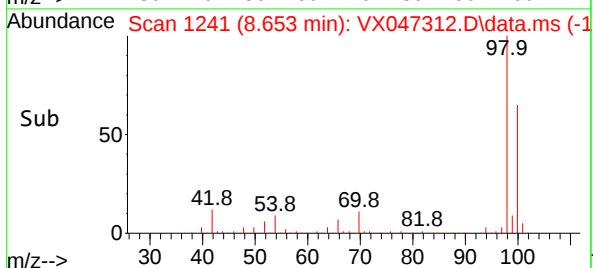
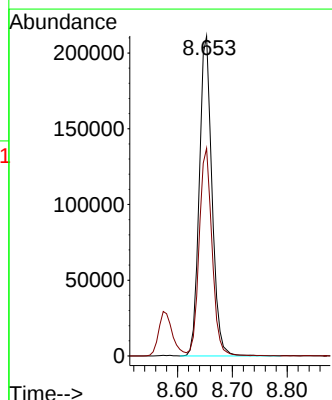
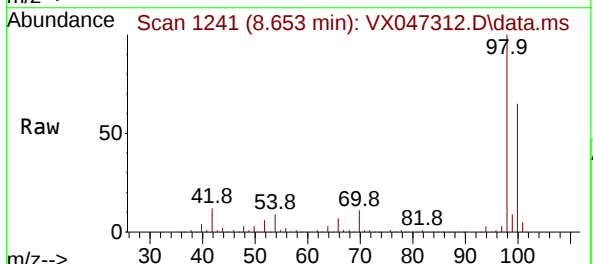
RT: 8.653 min Scan# 1241

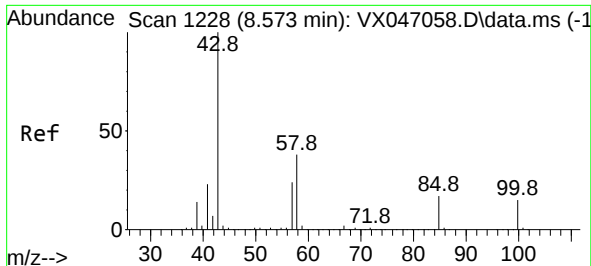
Delta R.T. 0.001 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

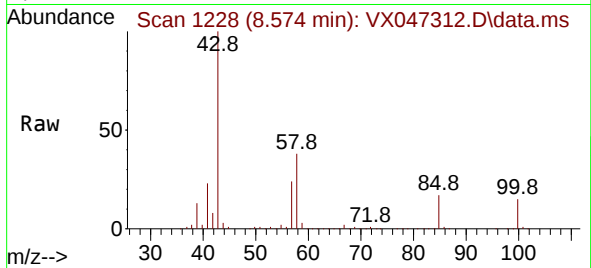
Tgt Ion: 98 Resp: 340158
 Ion Ratio Lower Upper
 98 100
 100 65.5 53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 112.824 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

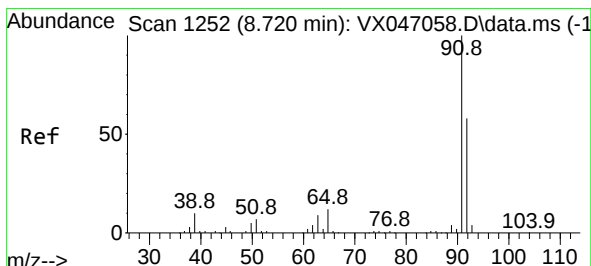
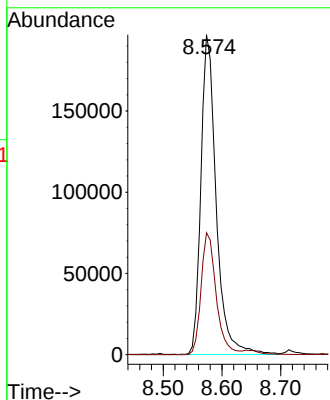
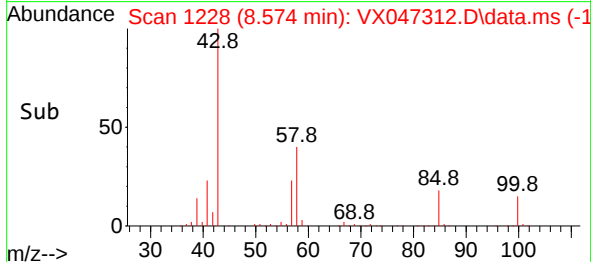
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion: 43 Resp: 356340
Ion Ratio Lower Upper
43 100
58 37.8 30.6 45.8

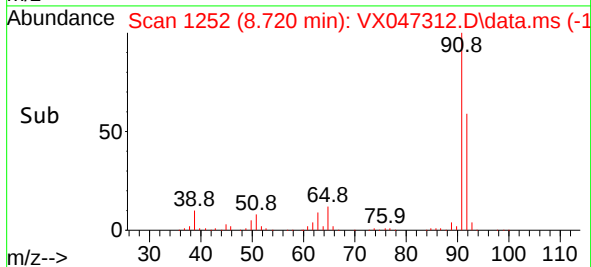
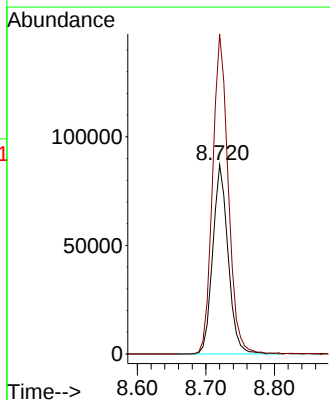
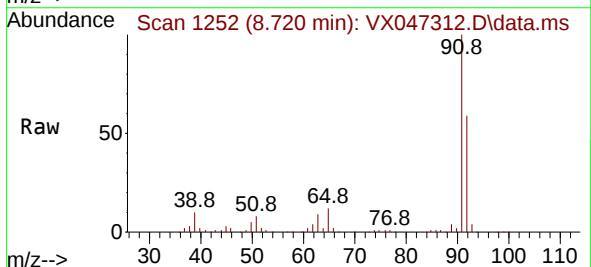
Manual Integrations
APPROVED

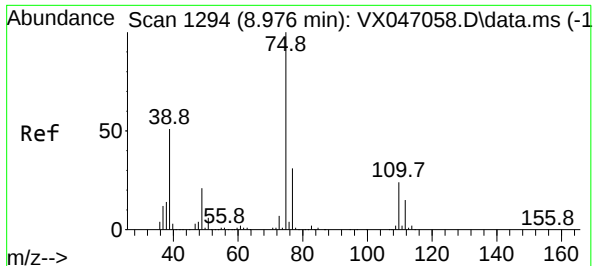
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#52
Toluene
Concen: 20.566 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Tgt Ion: 92 Resp: 135372
Ion Ratio Lower Upper
92 100
91 172.2 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 19.701 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.007 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

Tgt Ion: 75 Resp: 7445

Ion Ratio Lower Upper

75 100

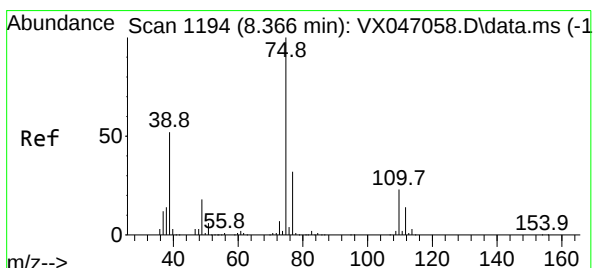
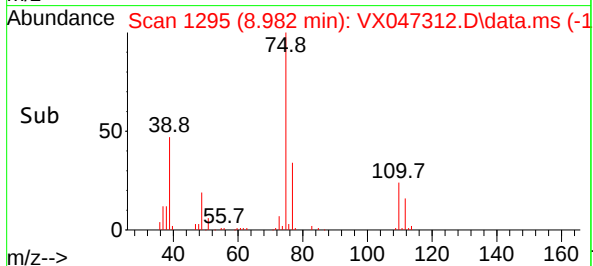
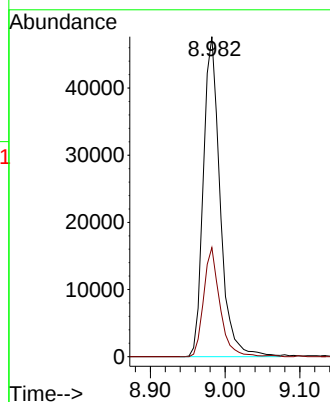
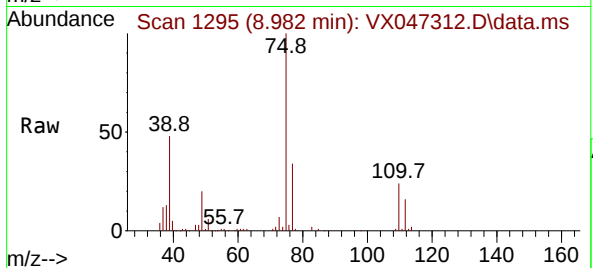
77 34.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#54

cis-1,3-Dichloropropene

Concen: 20.406 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.007 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

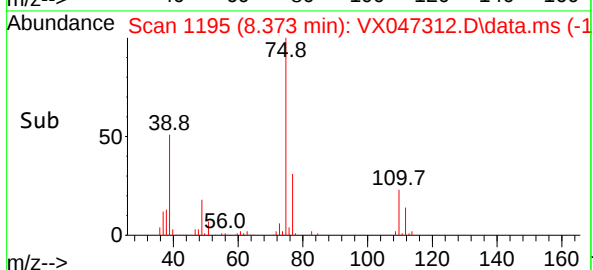
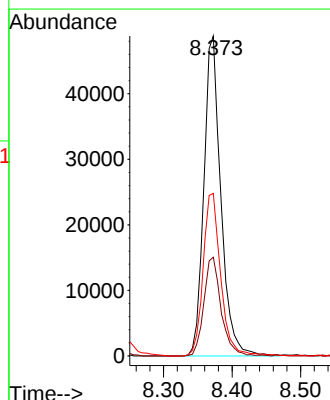
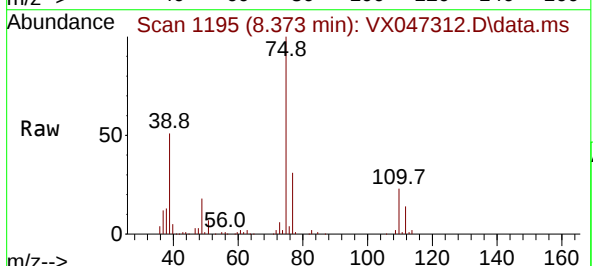
Tgt Ion: 75 Resp: 84401

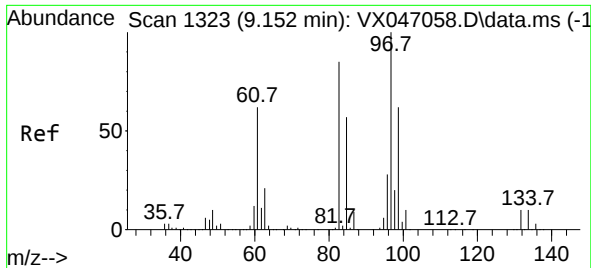
Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0

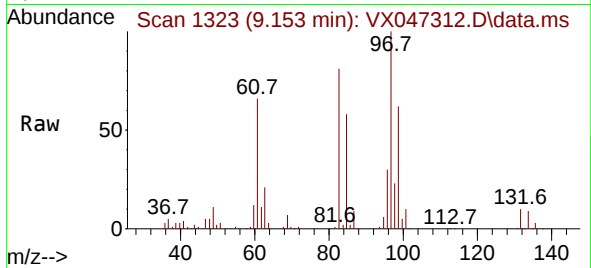
39 48.9 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 22.240 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

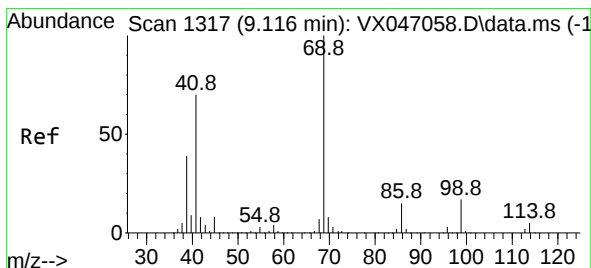
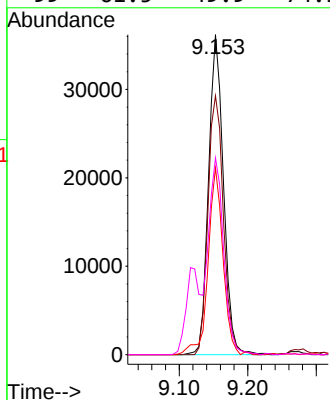
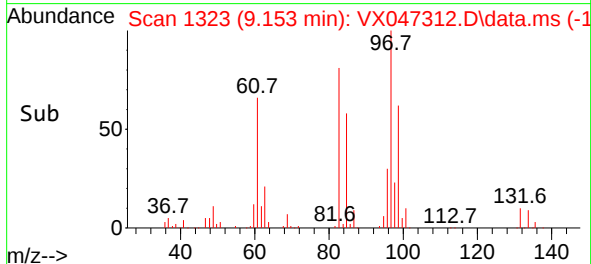
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



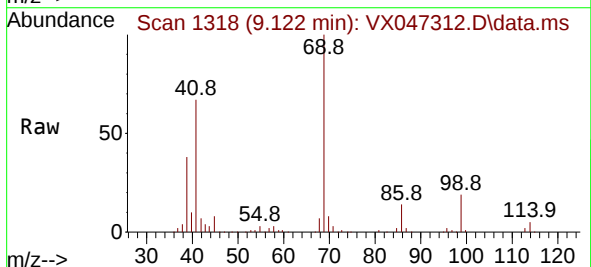
Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.9	68.0	102.0
85	58.3	45.2	67.8
99	61.5	49.9	74.9

Manual Integrations
APPROVED

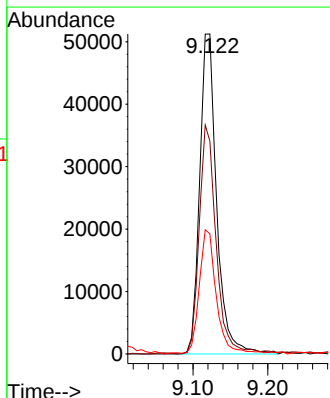
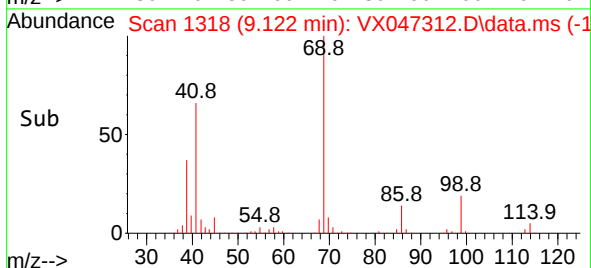
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

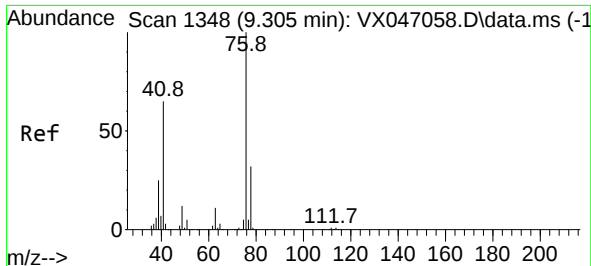


#56
Ethyl methacrylate
Concen: 22.128 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24



Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.1	84.1
39	39.5	31.1	46.7





#57

1,3-Dichloropropane

Concen: 21.679 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

Tgt Ion: 76 Resp: 9300

Ion Ratio Lower Upper

76 100

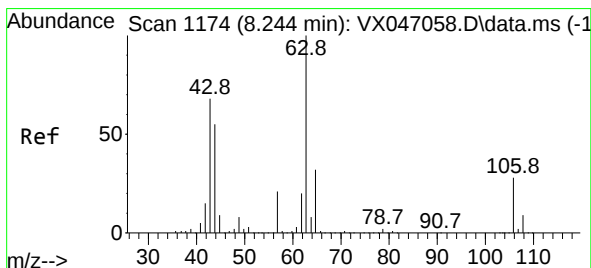
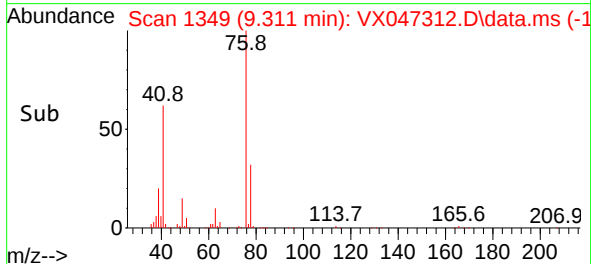
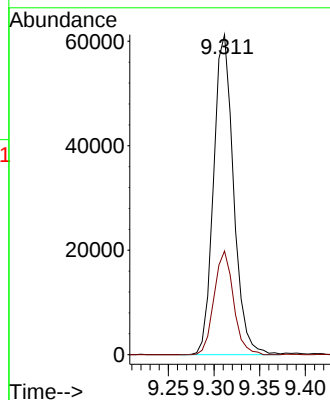
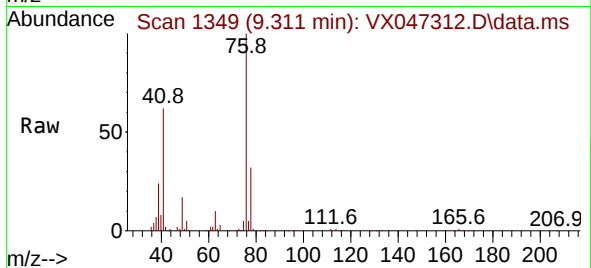
78 31.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 98.129 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047312.D

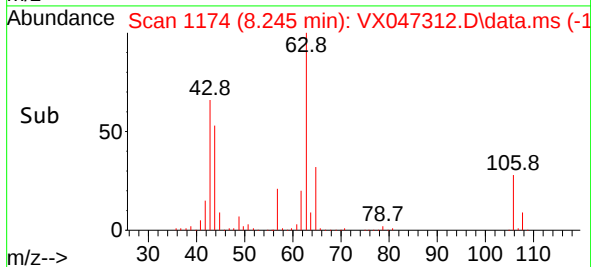
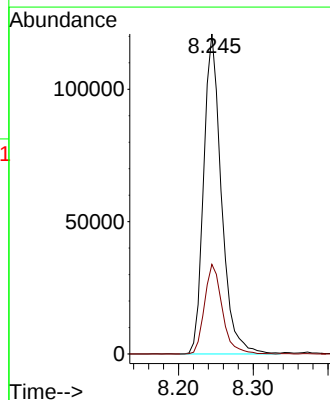
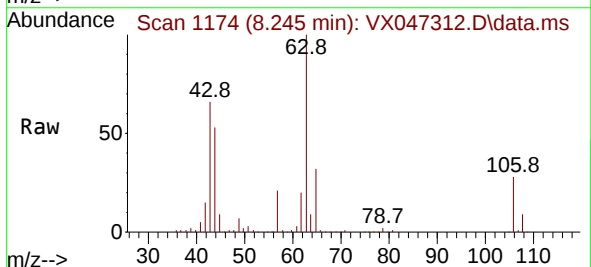
Acq: 13 Aug 2025 11:24

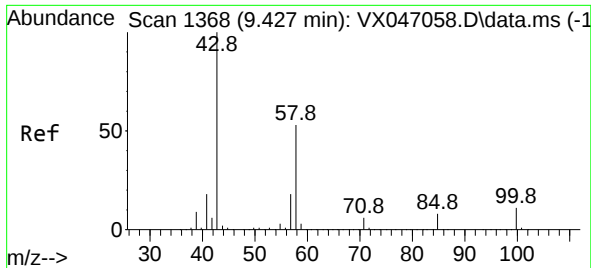
Tgt Ion: 63 Resp: 199555

Ion Ratio Lower Upper

63 100

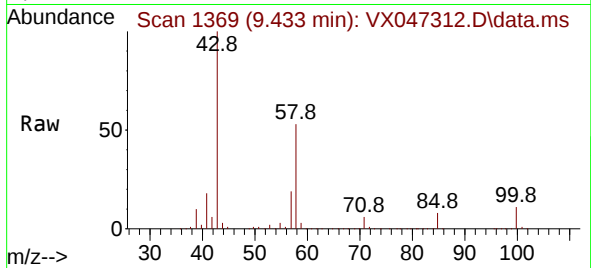
106 28.0 22.2 33.4





#59
2-Hexanone
Concen: 118.411 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.007 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

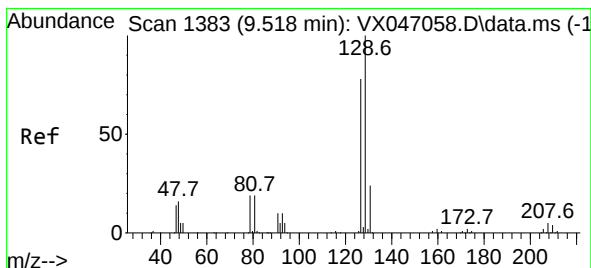
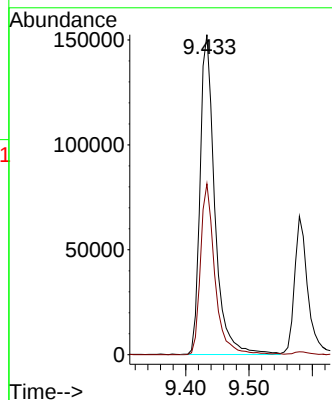
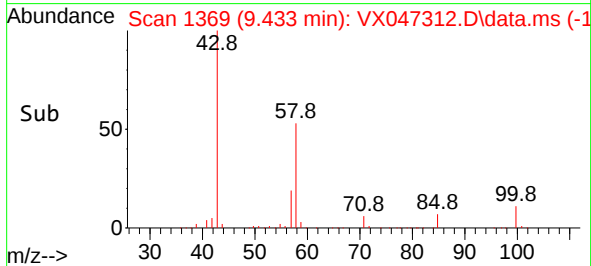
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion: 43 Resp: 24709
Ion Ratio Lower Upper
43 100
58 52.4 26.5 79.5

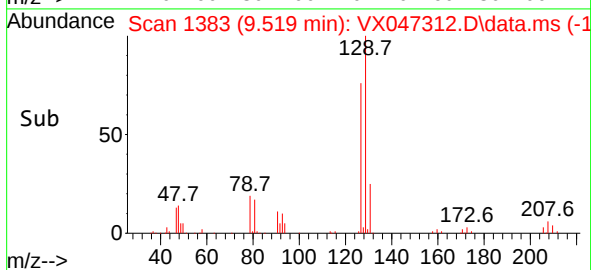
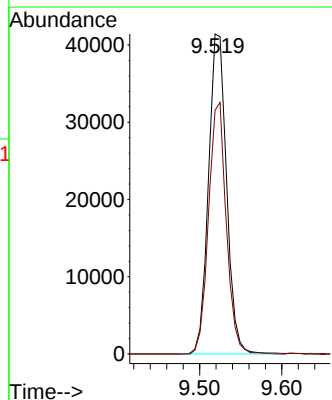
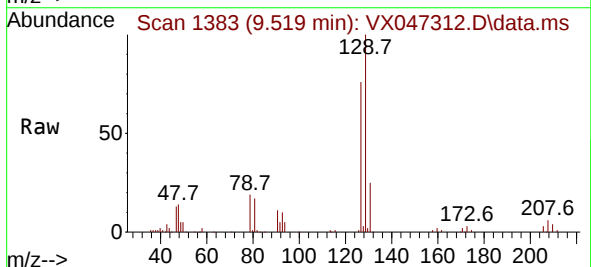
Manual Integrations
APPROVED

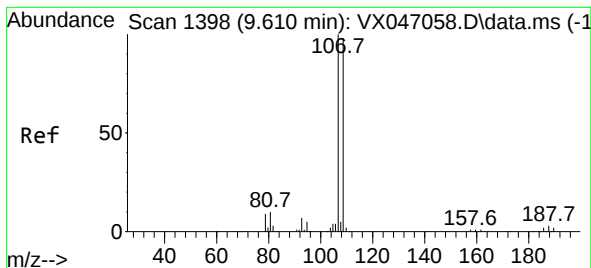
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#60
Dibromochloromethane
Concen: 21.795 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

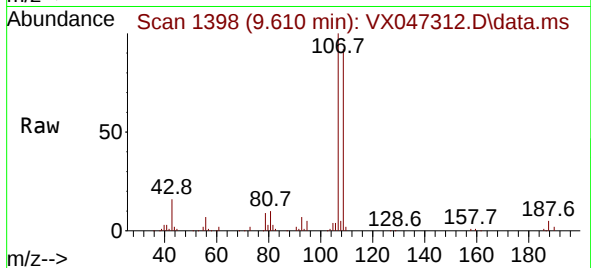
Tgt Ion:129 Resp: 63101
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 22.006 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

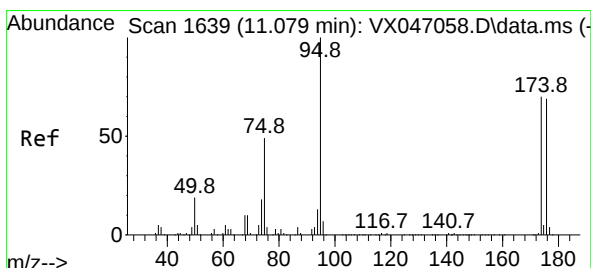
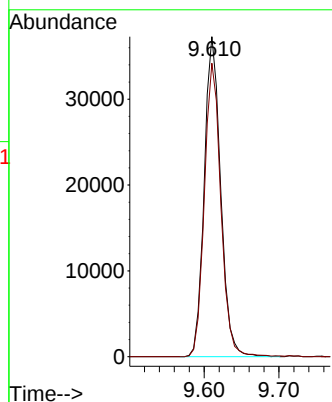
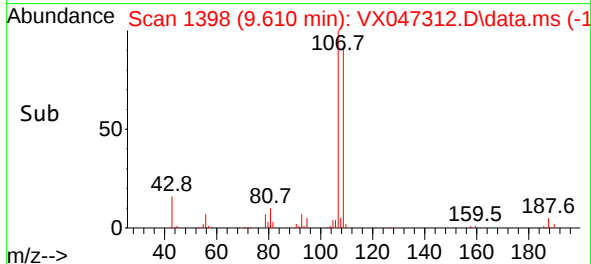
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



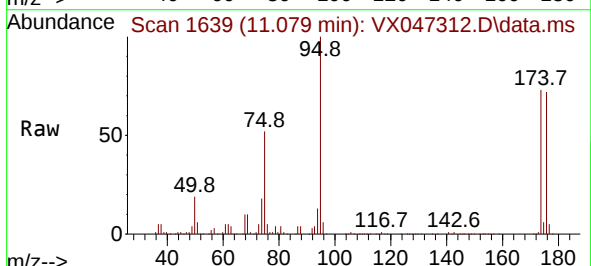
Tgt Ion:107 Resp: 5680
Ion Ratio Lower Upper
107 100
109 92.1 74.6 112.0

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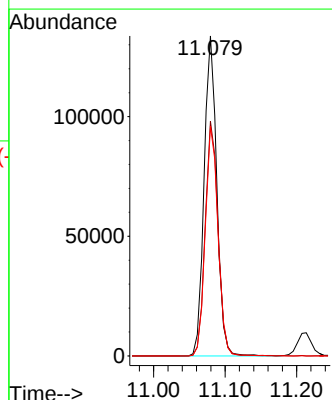
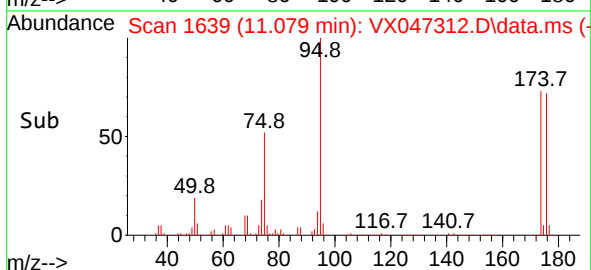
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

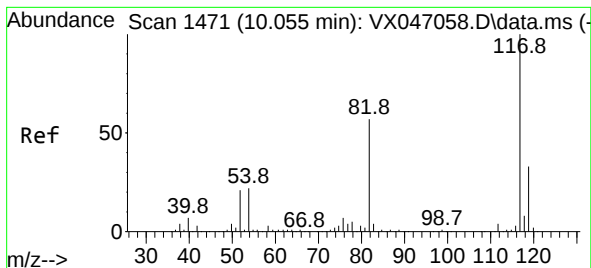


#62
4-Bromofluorobenzene
Concen: 54.374 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24



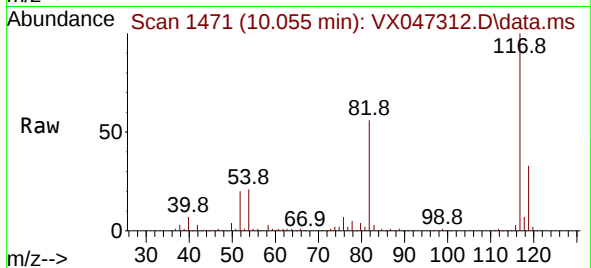
Tgt Ion: 95 Resp: 164675
Ion Ratio Lower Upper
95 100
174 74.3 0.0 144.6
176 72.3 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

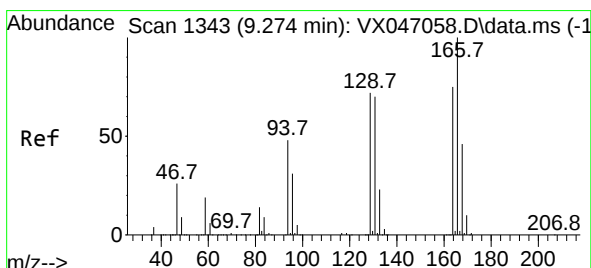
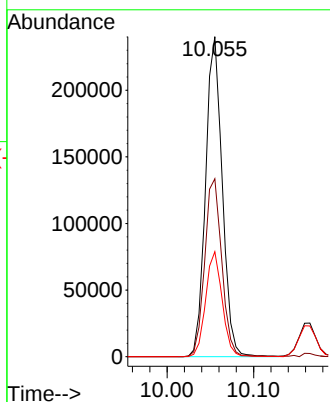
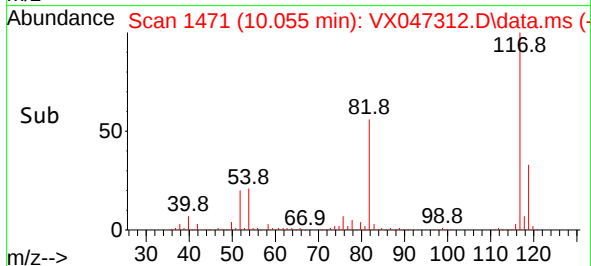
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion:117 Resp: 321390
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 32.8 26.1 39.1

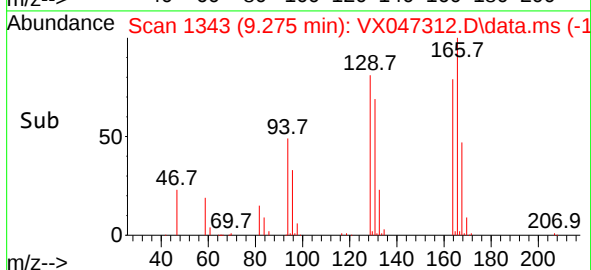
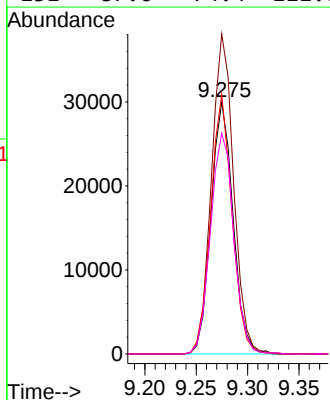
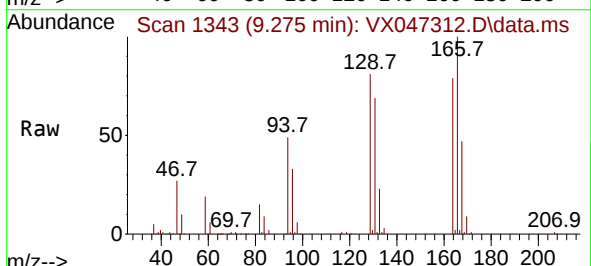
Manual Integrations
APPROVED

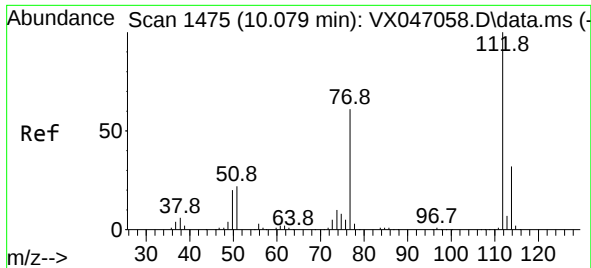
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#64
Tetrachloroethene
Concen: 19.291 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

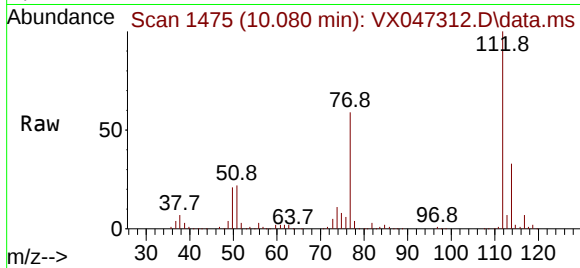
Tgt Ion:164 Resp: 44694
Ion Ratio Lower Upper
164 100
166 127.1 106.2 159.4
129 103.0 76.6 114.8
131 87.6 74.4 111.6





#65
Chlorobenzene
Concen: 20.093 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

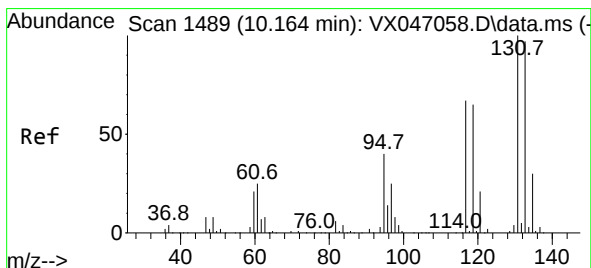
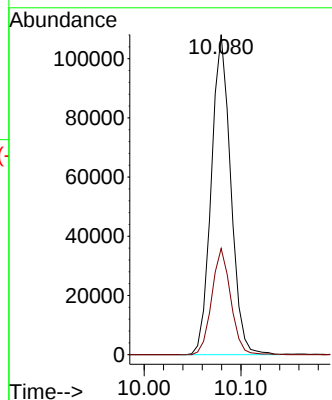
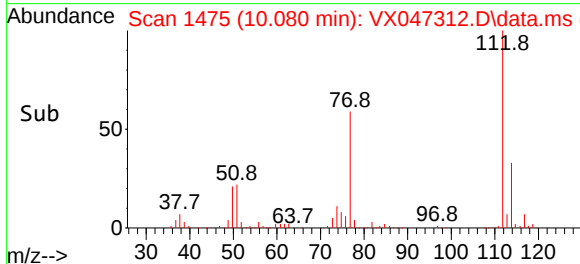
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



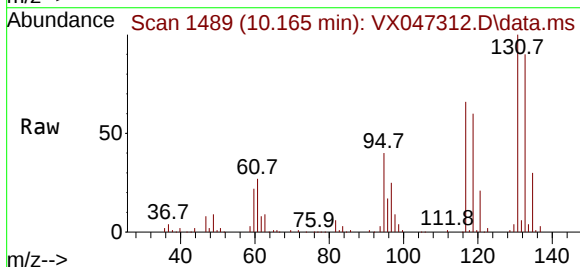
Tgt Ion:112 Resp: 15128
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6

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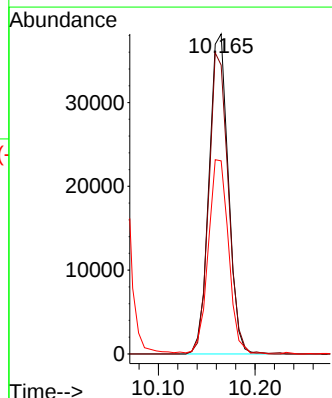
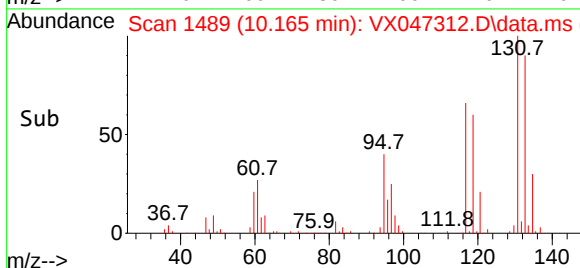
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

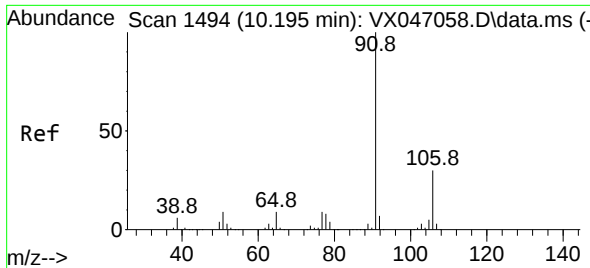


#66
1,1,1,2-Tetrachloroethane
Concen: 20.861 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24



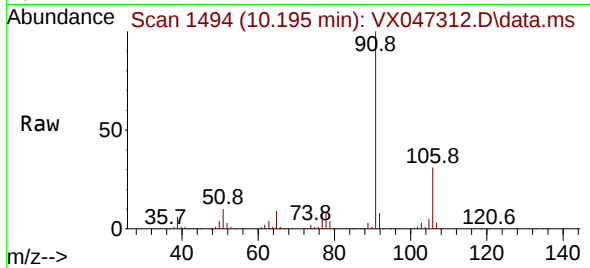
Tgt Ion:131 Resp: 52881
Ion Ratio Lower Upper
131 100
133 94.9 48.4 145.3
119 63.8 32.4 97.0





#67
Ethyl Benzene
Concen: 19.627 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

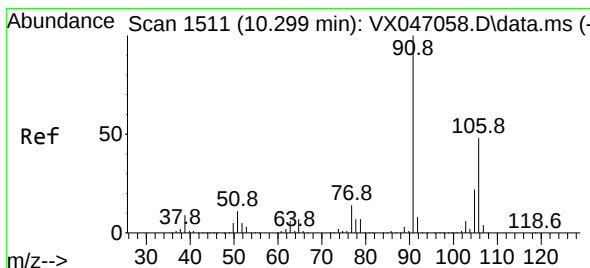
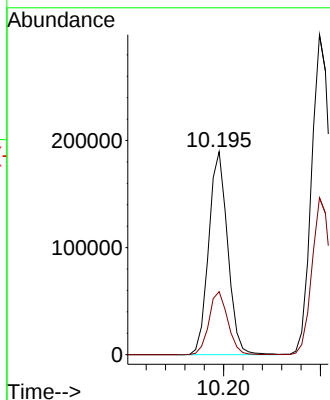
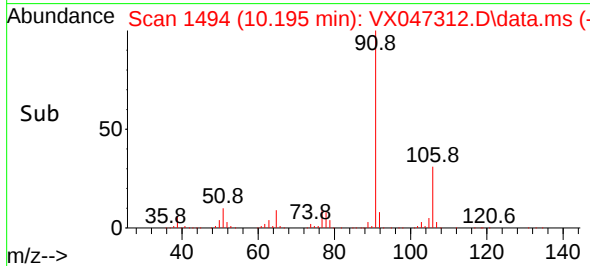
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



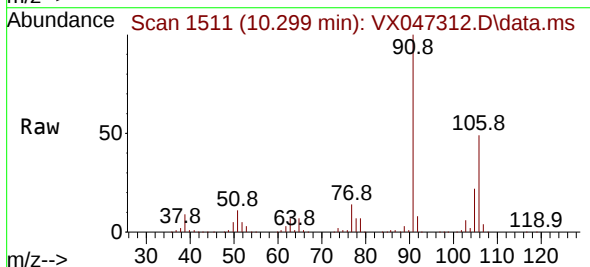
Tgt Ion: 91 Resp: 258375
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4

Manual Integrations
APPROVED

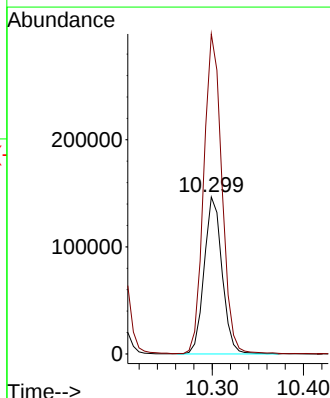
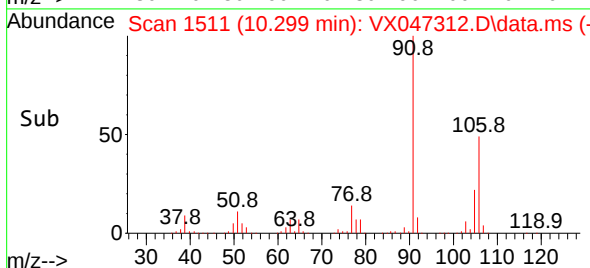
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

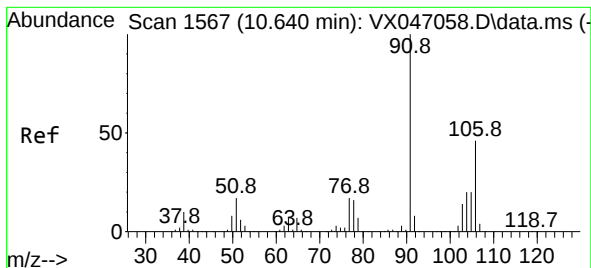


#68
m/p-Xylenes
Concen: 40.364 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24



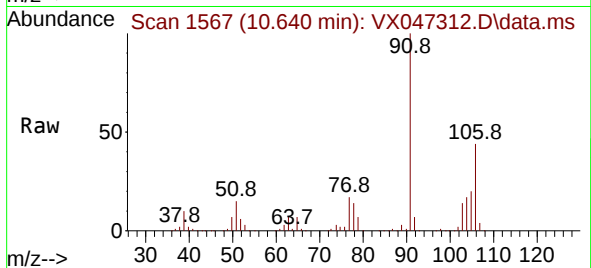
Tgt Ion:106 Resp: 198849
Ion Ratio Lower Upper
106 100
91 206.2 167.4 251.0





#69
o-Xylene
Concen: 20.141 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

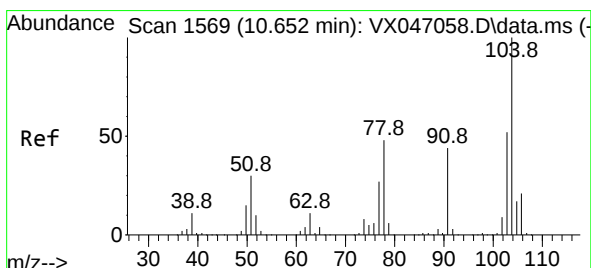
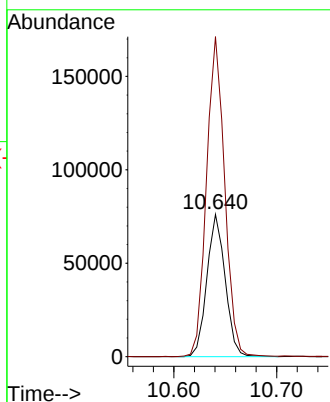
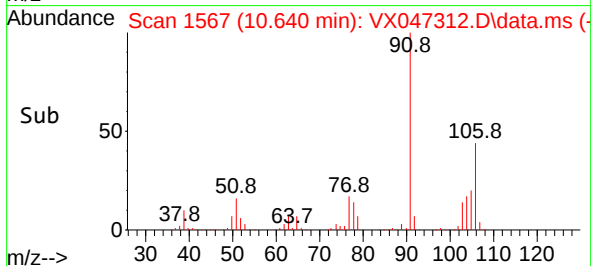
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion:106 Resp: 94390
Ion Ratio Lower Upper
106 100
91 223.9 110.3 331.0

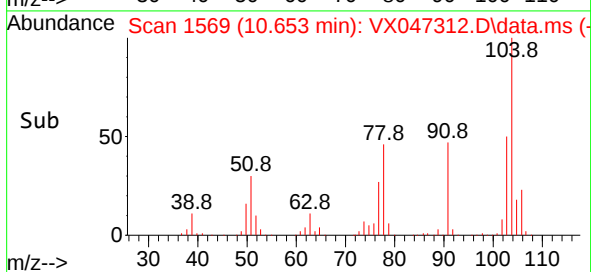
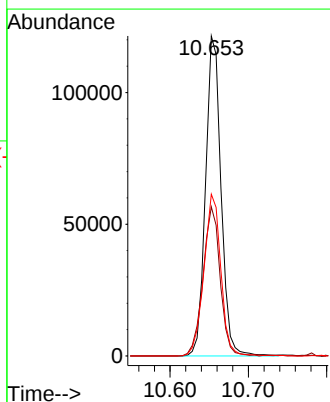
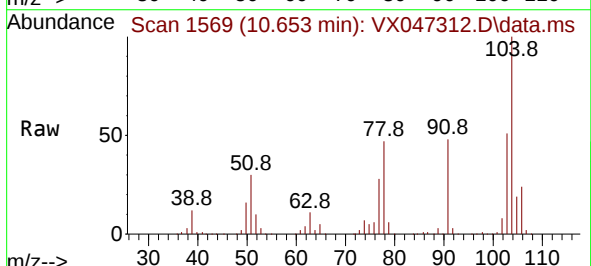
Manual Integrations
APPROVED

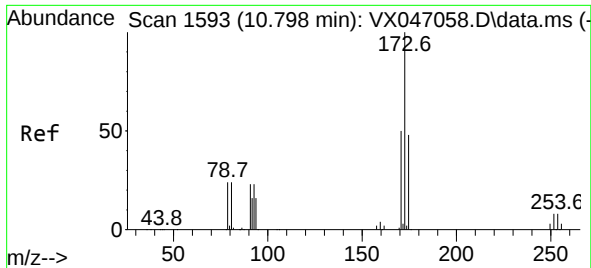
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#70
Styrene
Concen: 20.739 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

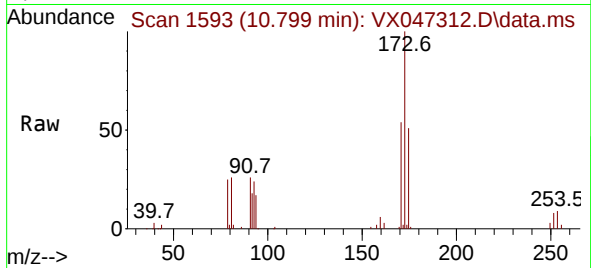
Tgt Ion:104 Resp: 166666
Ion Ratio Lower Upper
104 100
78 51.6 42.0 63.0
103 55.3 43.8 65.6





#71
Bromoform
Concen: 21.130 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

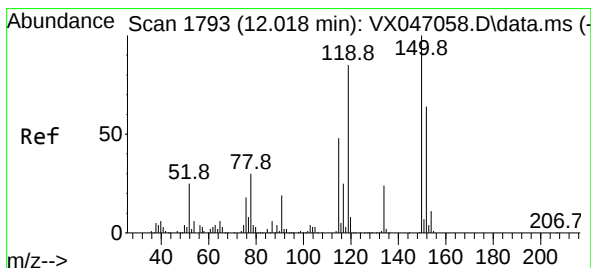
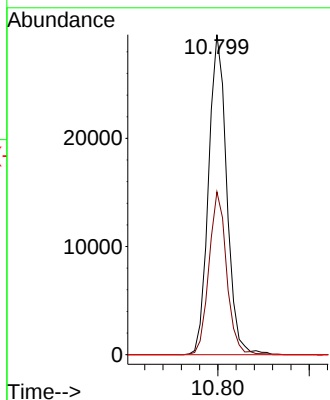
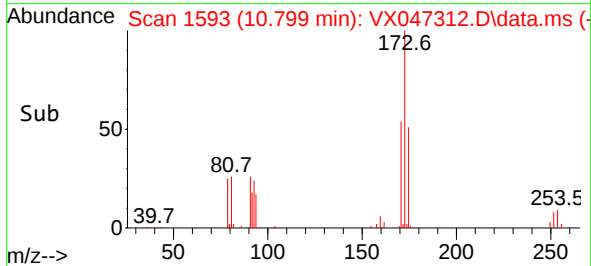
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



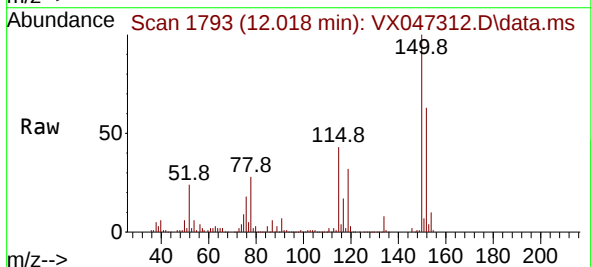
Tgt Ion:173 Resp: 40688
Ion Ratio Lower Upper
173 100
175 49.6 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

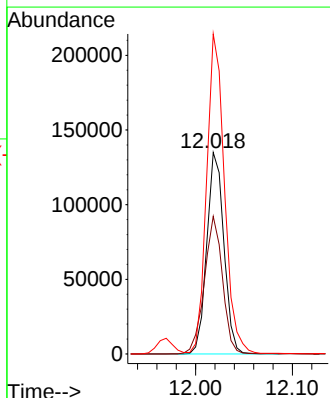
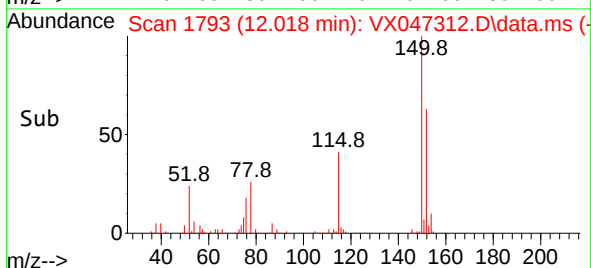
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

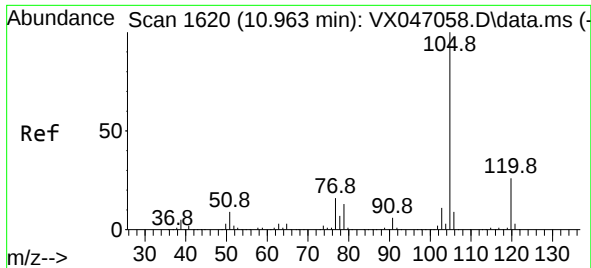


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24



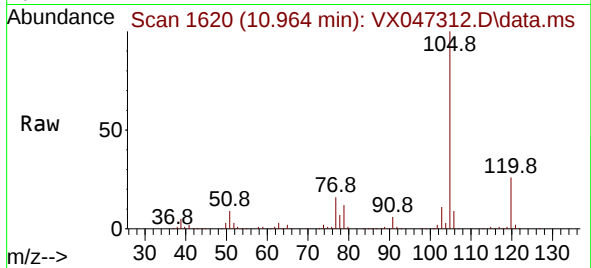
Tgt Ion:152 Resp: 166290
Ion Ratio Lower Upper
152 100
115 72.3 45.6 136.7
150 164.5 0.0 354.6





#73
Isopropylbenzene
Concen: 18.860 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

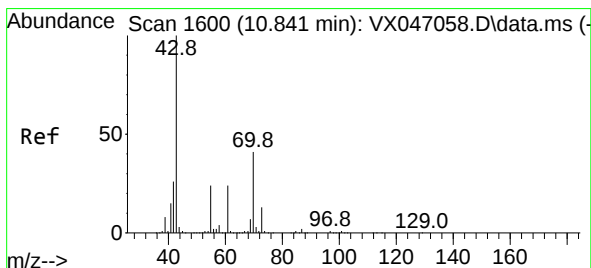
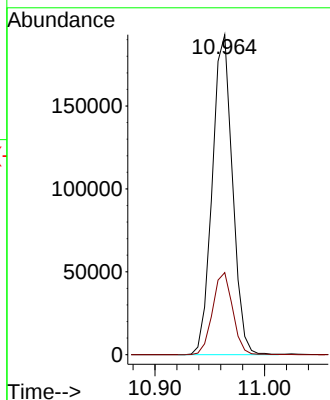
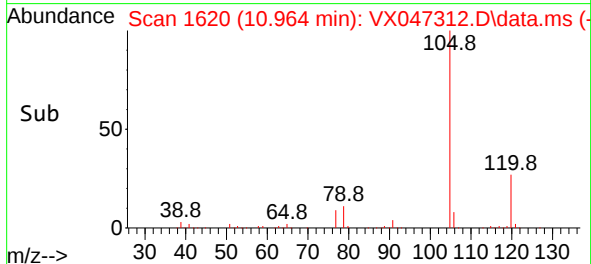
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion:105 Resp: 247425
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.7

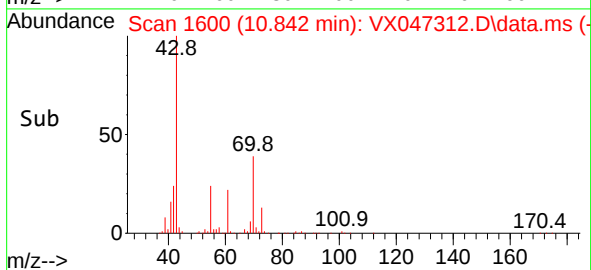
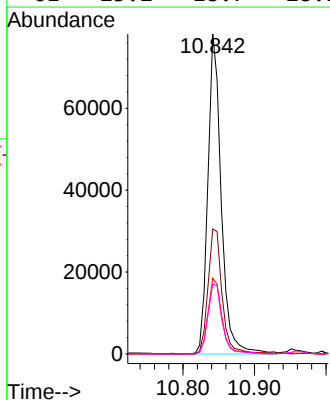
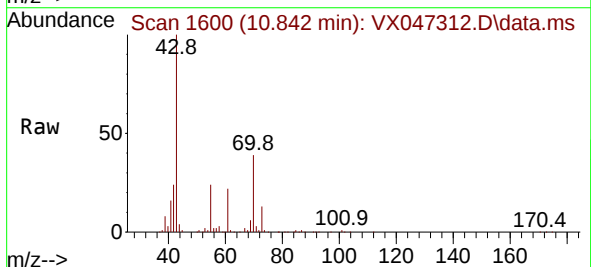
Manual Integrations
APPROVED

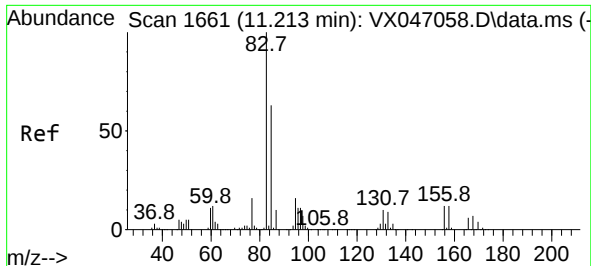
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#74
N-ethyl acetate
Concen: 19.236 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Tgt Ion: 43 Resp: 101822
Ion Ratio Lower Upper
43 100
70 41.3 32.3 48.5
55 24.6 18.9 28.3
61 23.2 18.7 28.1





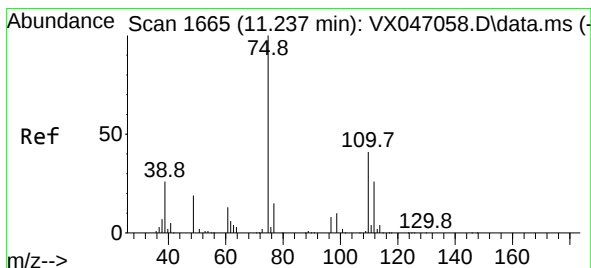
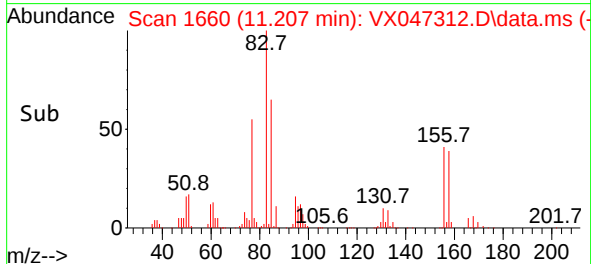
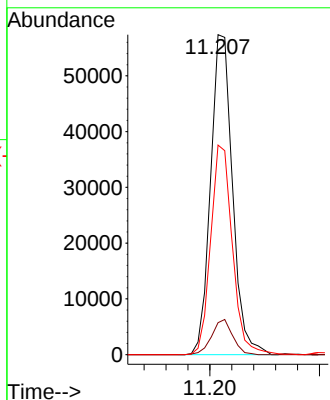
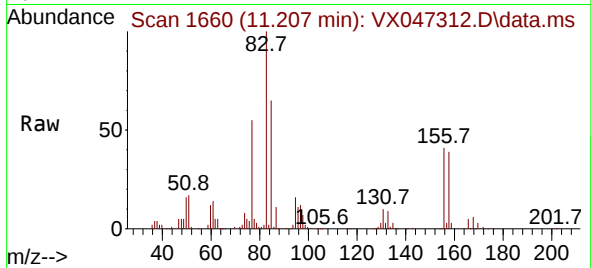
#75
1,1,2,2-Tetrachloroethane
Concen: 21.261 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

Tgt Ion: 83 Resp: 7967
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 64.9 32.0 96.2

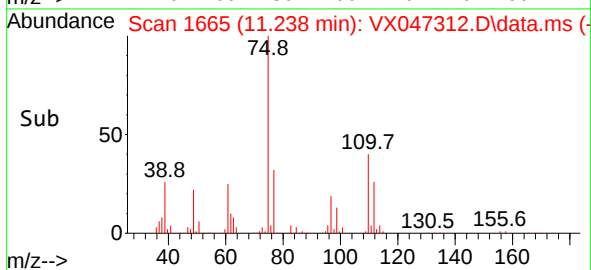
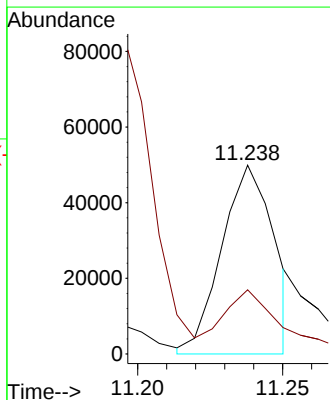
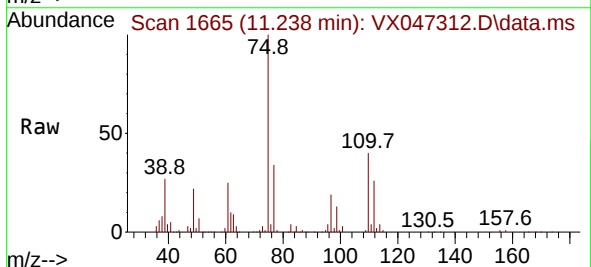
Manual Integrations
APPROVED

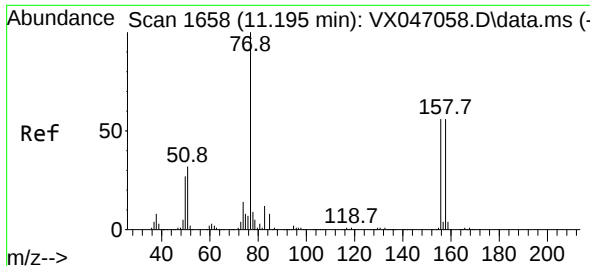
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#76
1,2,3-Trichloropropane
Concen: 20.401 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

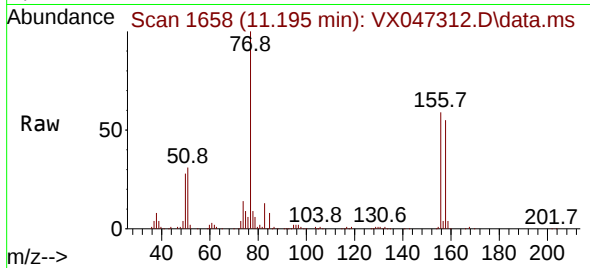
Tgt Ion: 75 Resp: 62793
Ion Ratio Lower Upper
75 100
77 39.3 21.6 65.0





#77
Bromobenzene
Concen: 20.293 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

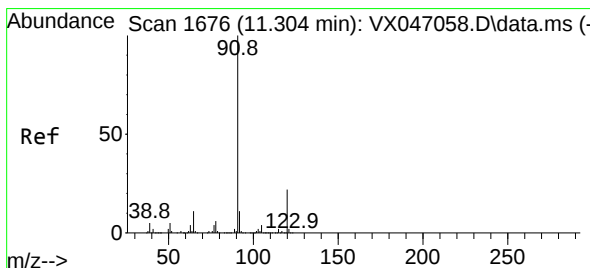
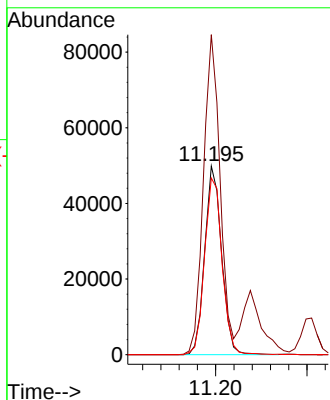
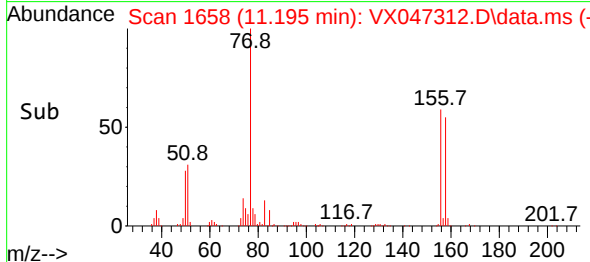
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



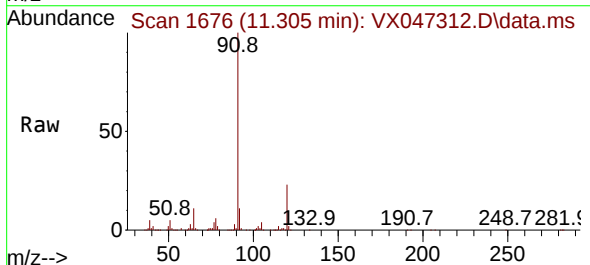
Tgt Ion:156 Resp: 6385
Ion Ratio Lower Upper
156 100
77 167.1 87.3 261.9
158 97.4 48.9 146.6

Manual Integrations
APPROVED

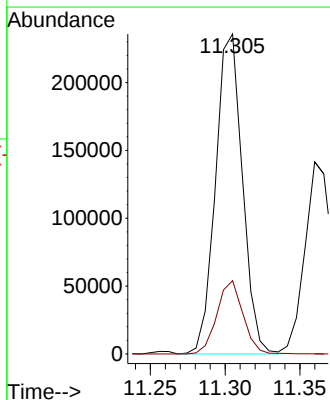
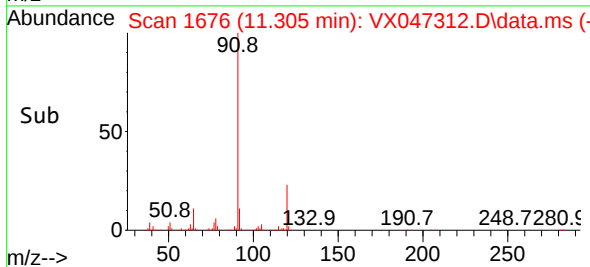
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

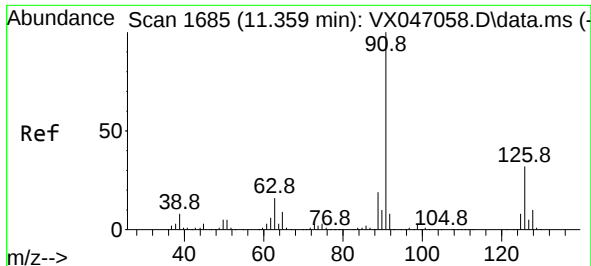


#78
n-propylbenzene
Concen: 18.808 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24



Tgt Ion: 91 Resp: 294861
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





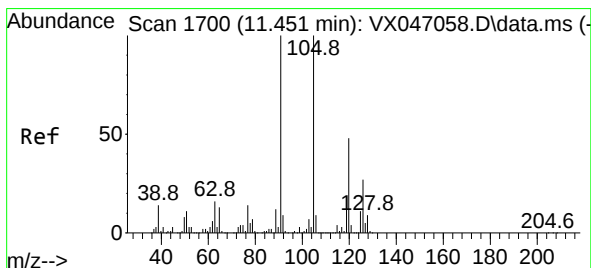
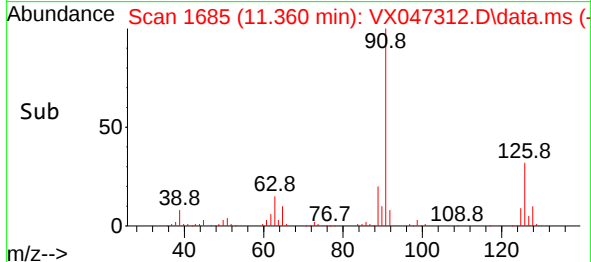
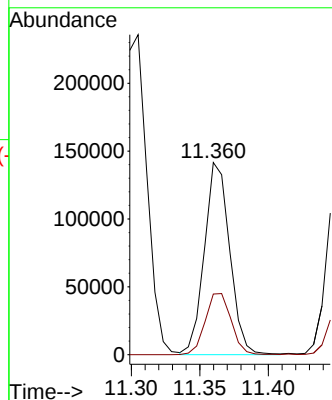
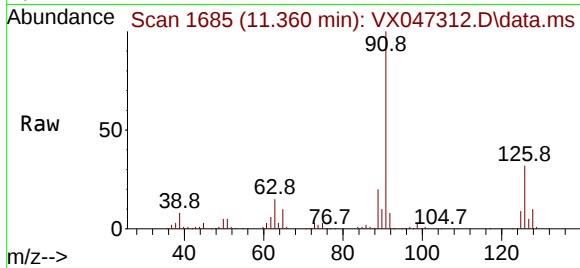
#79
2-Chlorotoluene
Concen: 19.469 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01

Tgt Ion: 91 Resp: 18245
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.4

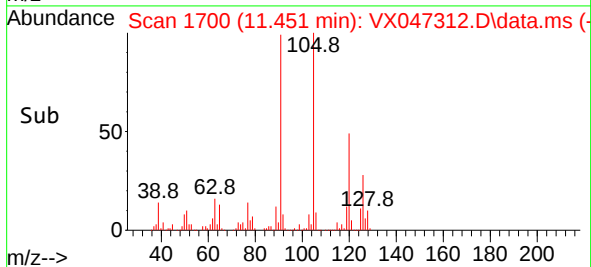
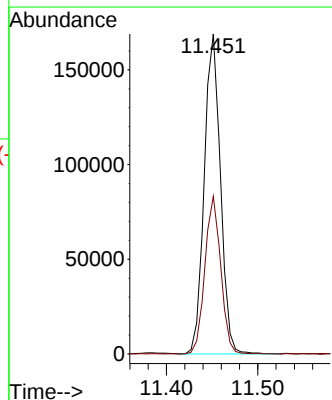
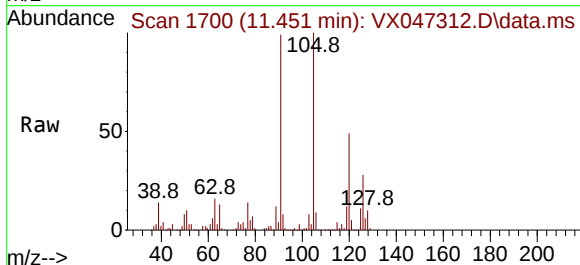
Manual Integrations
APPROVED

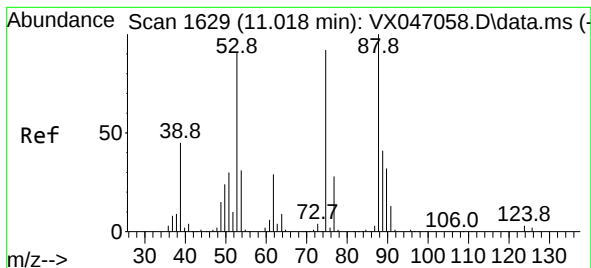
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.170 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

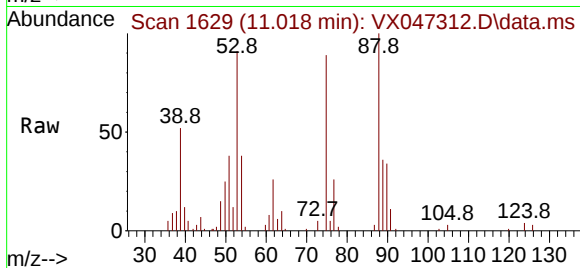
Tgt Ion:105 Resp: 207773
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 8.627 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

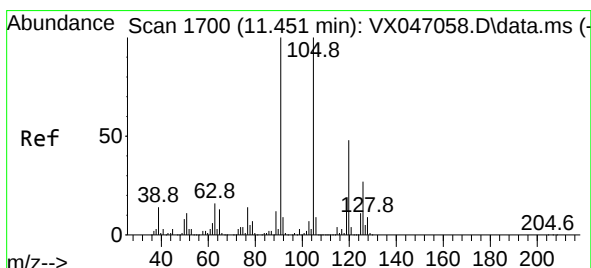
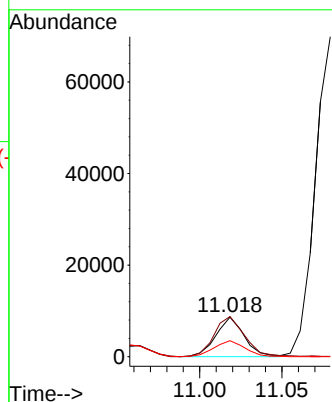
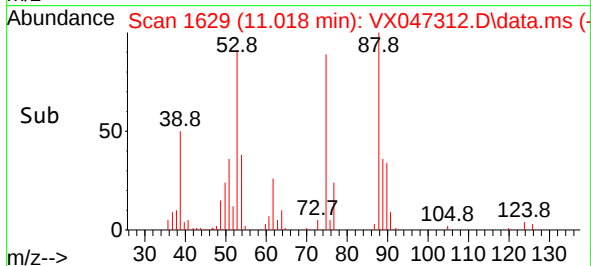
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion: 75 Resp: 1030
Ion Ratio Lower Upper
75 100
53 111.2 84.2 126.4
89 44.2 36.0 54.0

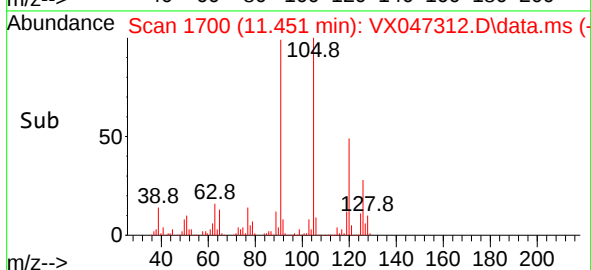
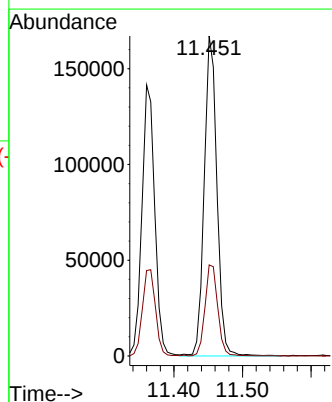
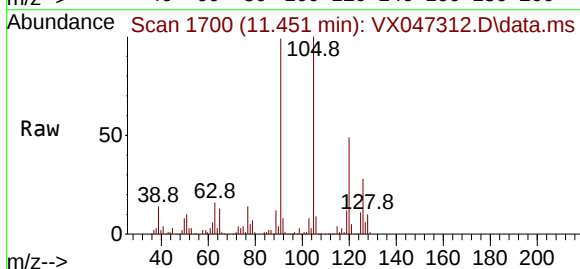
Manual Integrations
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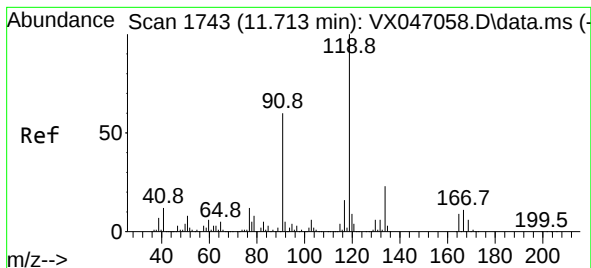
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#82
4-Chlorotoluene
Concen: 19.738 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

Tgt Ion: 91 Resp: 215901
Ion Ratio Lower Upper
91 100
126 28.5 14.1 42.3





#83

tert-Butylbenzene

Concen: 18.575 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

Tgt Ion:119 Resp: 202063

Ion Ratio Lower Upper

119 100

91 59.3 29.6 88.8

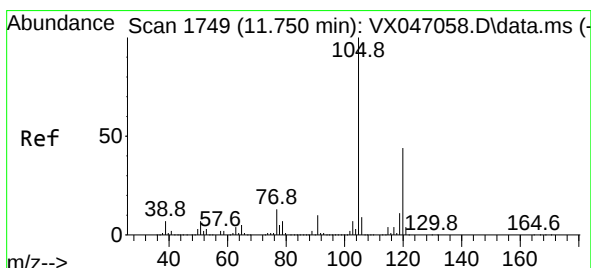
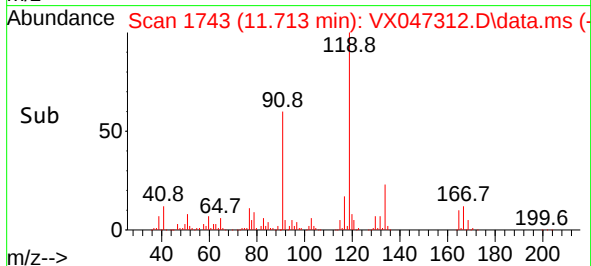
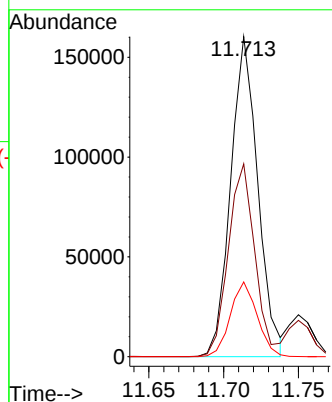
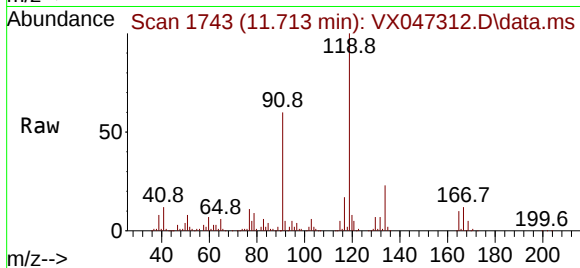
134 23.2 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.236 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047312.D

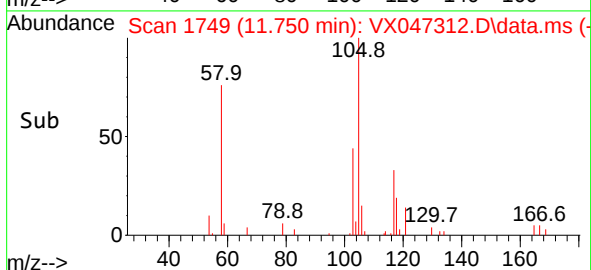
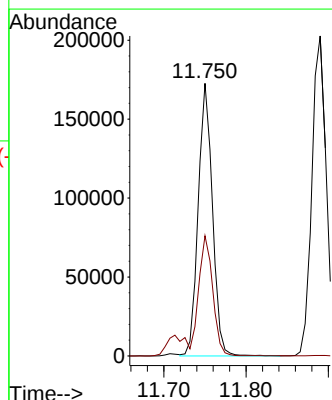
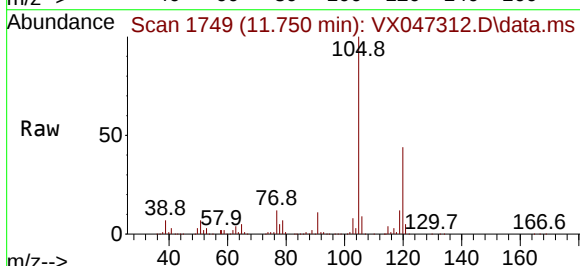
Acq: 13 Aug 2025 11:24

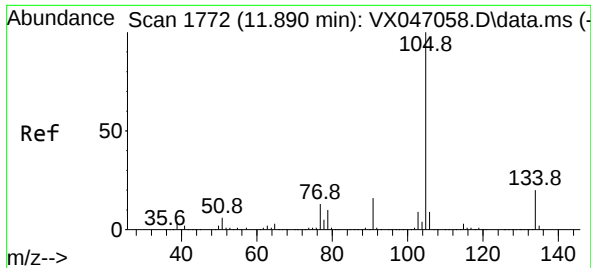
Tgt Ion:105 Resp: 207952

Ion Ratio Lower Upper

105 100

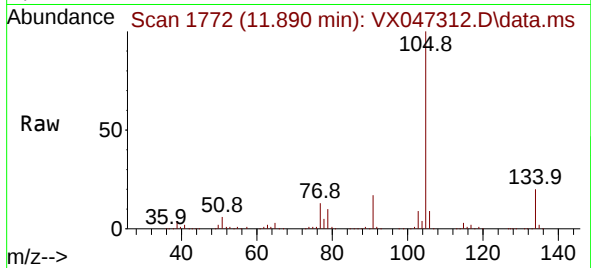
120 43.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.146 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047312.D
 Acq: 13 Aug 2025 11:24

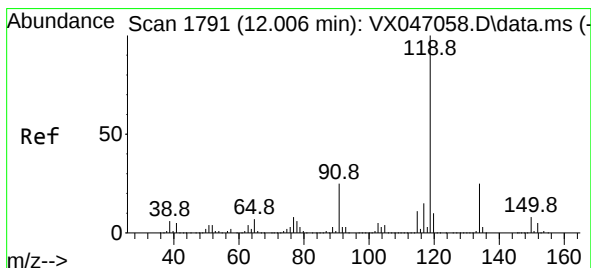
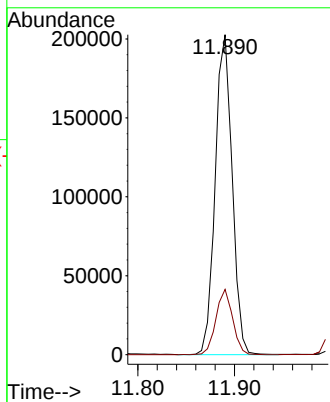
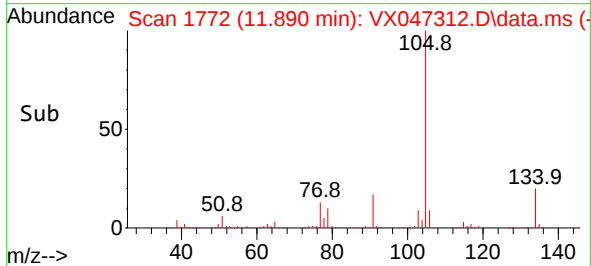
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01



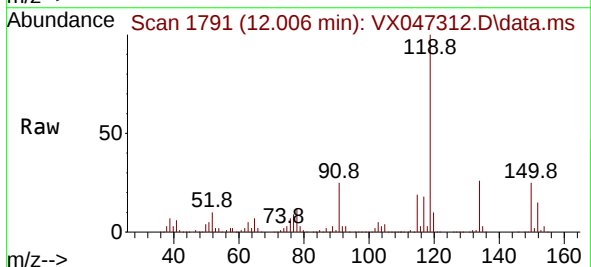
Tgt Ion:105 Resp: 24664
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

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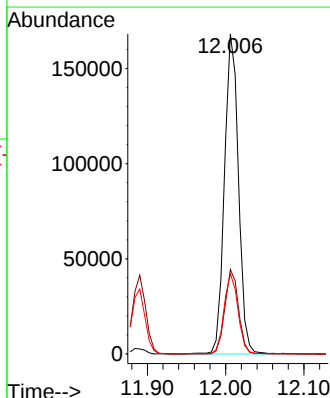
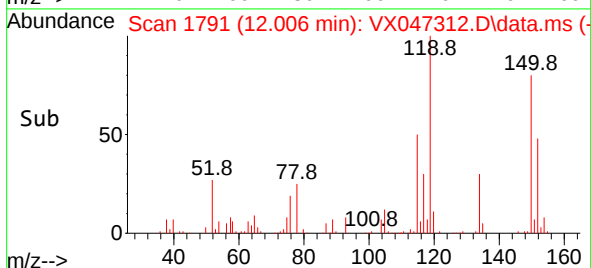
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

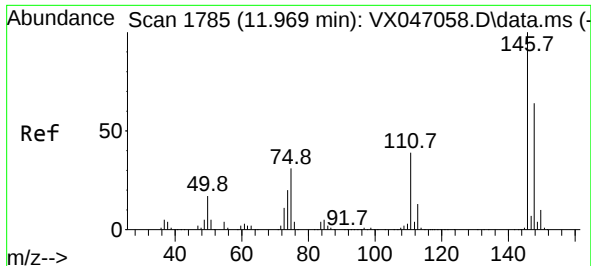


#86
 p-Isopropyltoluene
 Concen: 18.597 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047312.D
 Acq: 13 Aug 2025 11:24



Tgt Ion:119 Resp: 209624
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.976 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

Tgt Ion:146 Resp: 119434

Ion Ratio Lower Upper

146 100

111 41.8 21.0 63.0

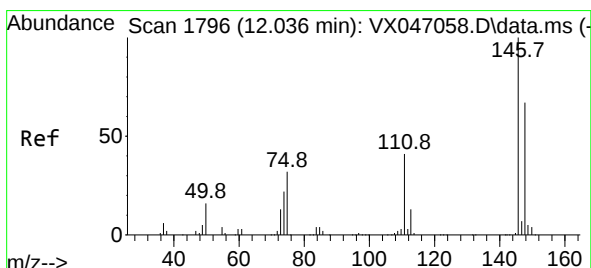
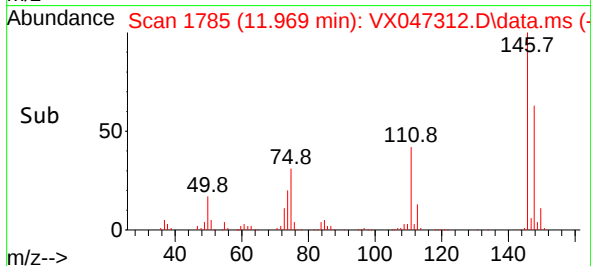
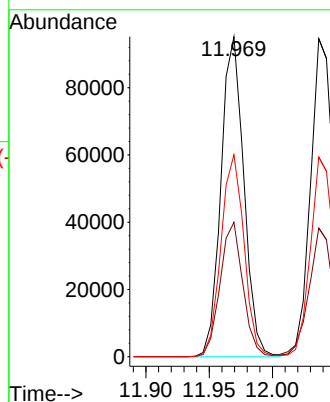
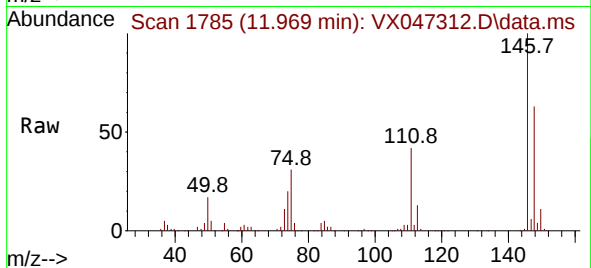
148 63.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#88

1,4-Dichlorobenzene

Concen: 19.938 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

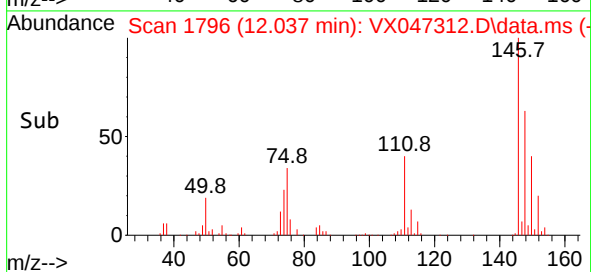
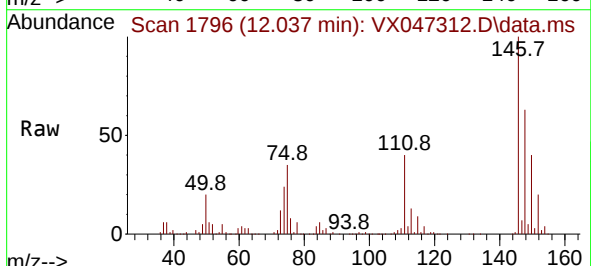
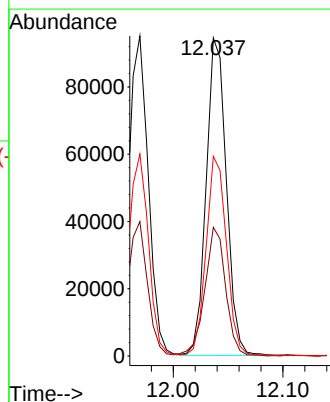
Tgt Ion:146 Resp: 120773

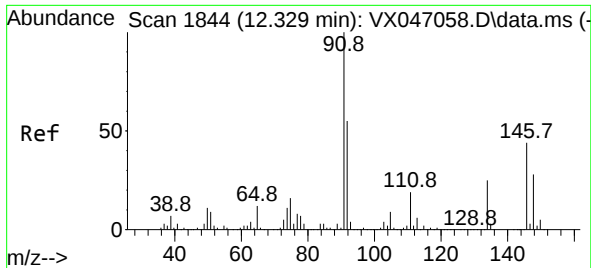
Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.9

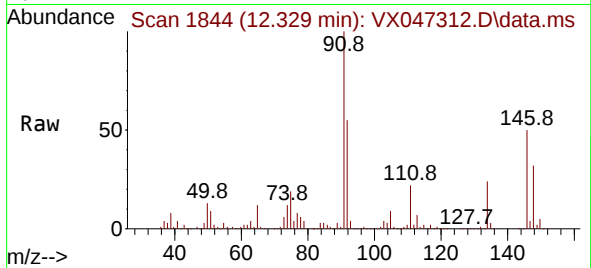
148 63.5 33.0 98.9





#89
n-Butylbenzene
Concen: 17.823 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.001 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

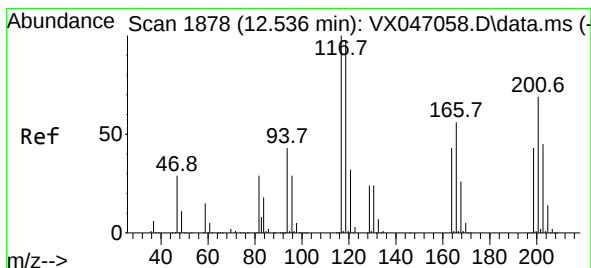
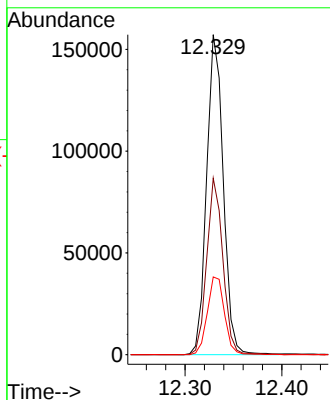
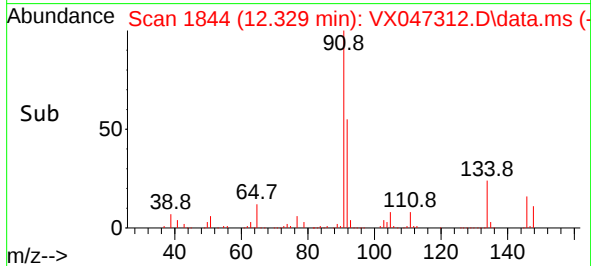
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



Tgt Ion: 91 Resp: 188398
Ion Ratio Lower Upper
91 100
92 53.5 27.5 82.5
134 25.1 12.8 38.3

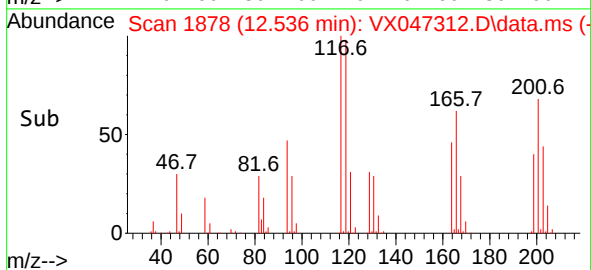
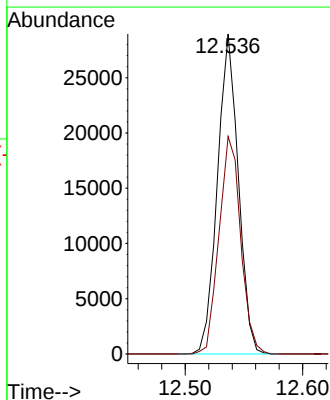
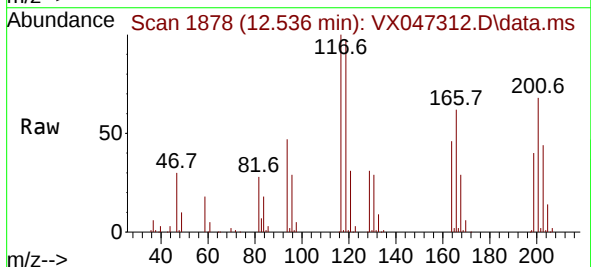
Manual Integrations
APPROVED

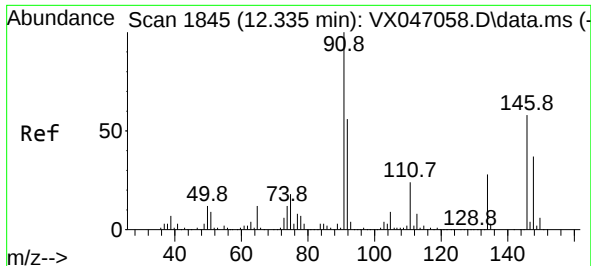
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#90
Hexachloroethane
Concen: 17.786 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.001 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

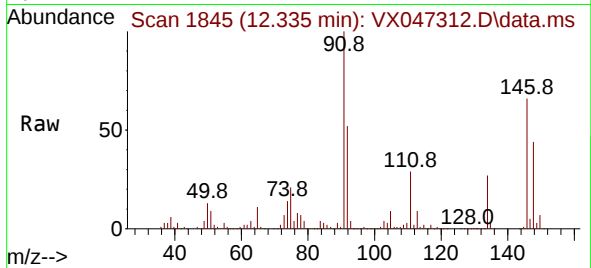
Tgt Ion:117 Resp: 35864
Ion Ratio Lower Upper
117 100
201 70.3 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 19.835 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.001 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

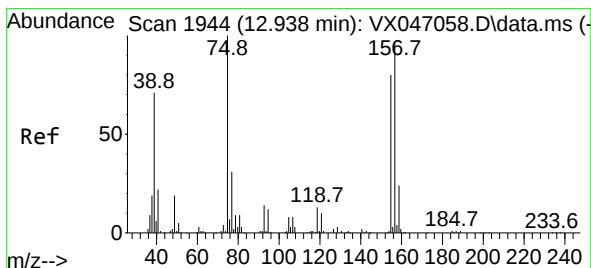
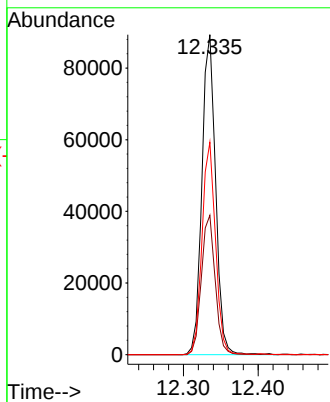
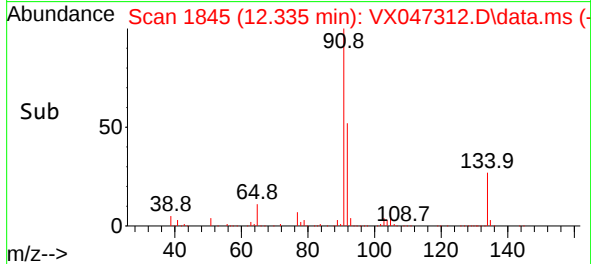
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



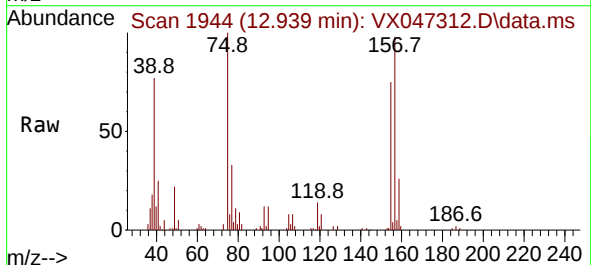
Tgt Ion:146 Resp: 11334
Ion Ratio Lower Upper
146 100
111 44.0 21.6 64.6
148 65.6 31.9 95.7

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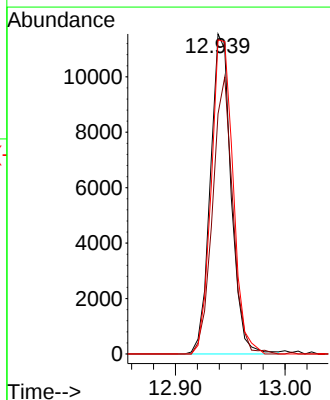
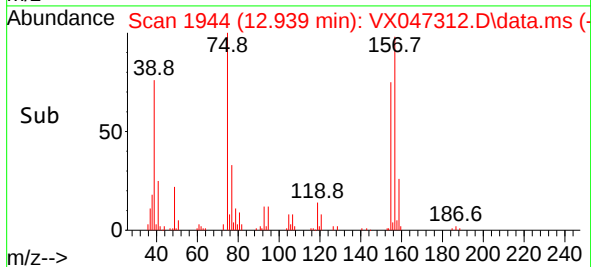
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

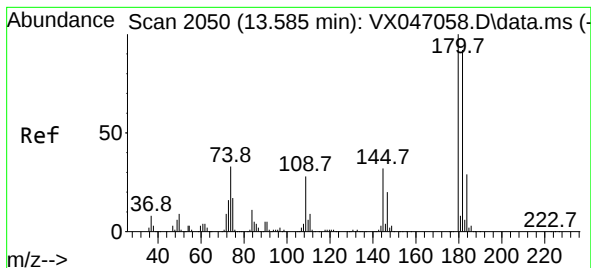


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.136 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24



Tgt Ion: 75 Resp: 15204
Ion Ratio Lower Upper
75 100
155 84.2 41.3 124.1
157 103.1 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 19.391 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0813WBS01

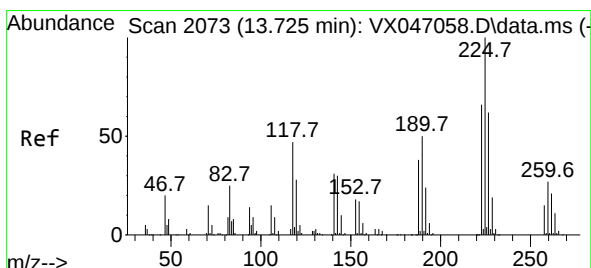
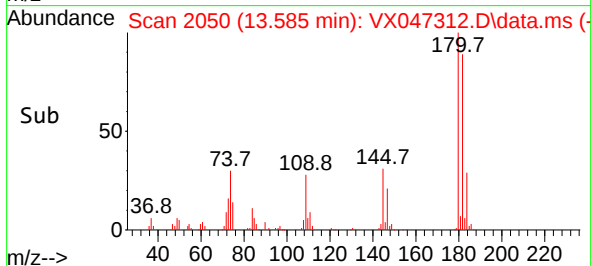
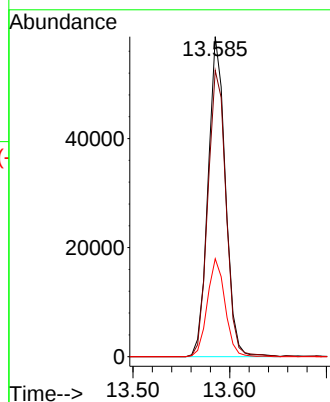
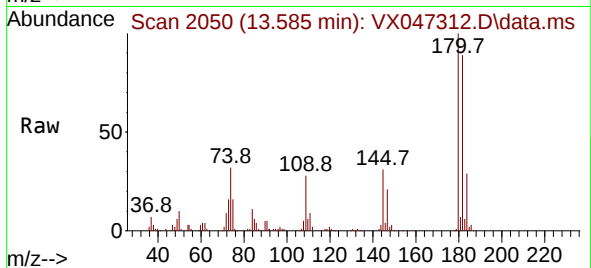
Tgt Ion:180	Resp:	7321
Ion Ratio	Lower	Upper
180	100	
182	93.2	47.3 141.8
145	31.2	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#94

Hexachlorobutadiene

Concen: 17.048 ug/l

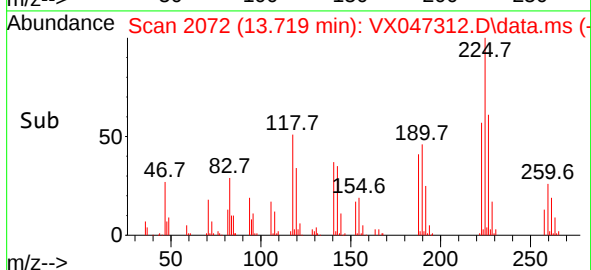
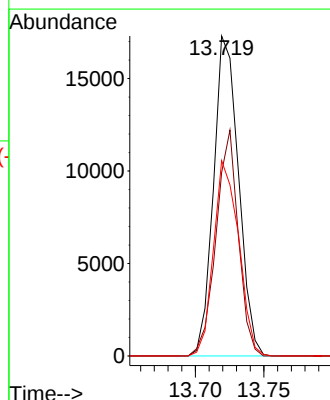
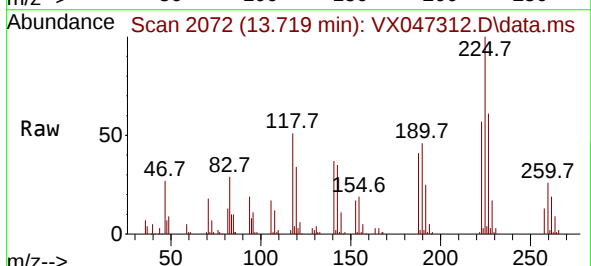
RT: 13.719 min Scan# 2072

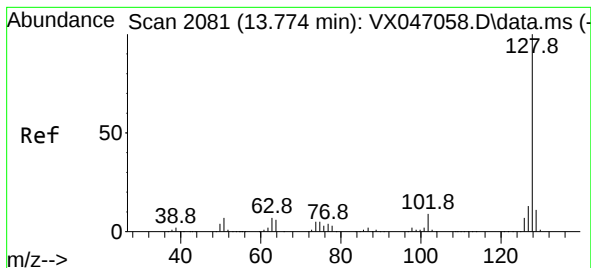
Delta R.T. -0.006 min

Lab File: VX047312.D

Acq: 13 Aug 2025 11:24

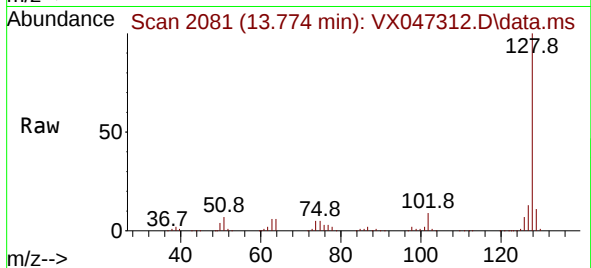
Tgt Ion:225	Resp:	21890
Ion Ratio	Lower	Upper
225	100	
223	62.9	31.6 95.0
227	61.5	32.9 98.6





#95
Naphthalene
Concen: 19.981 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.001 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24

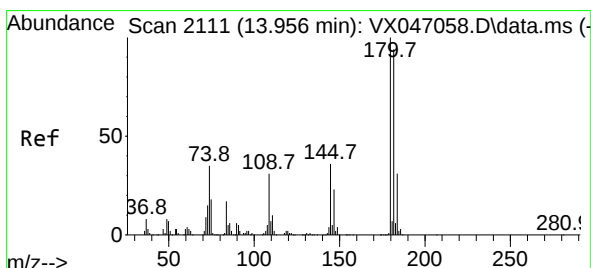
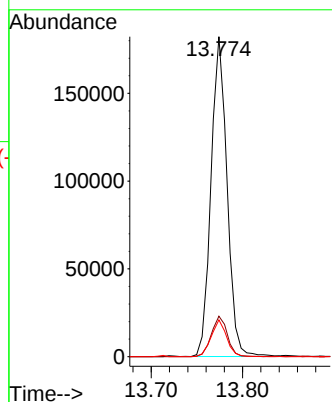
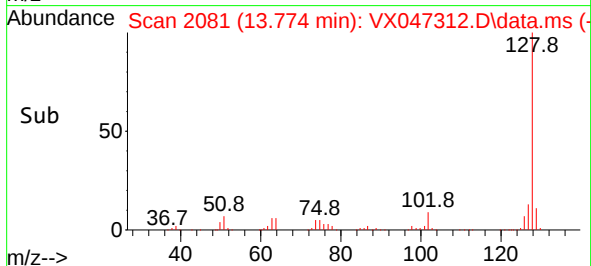
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBS01



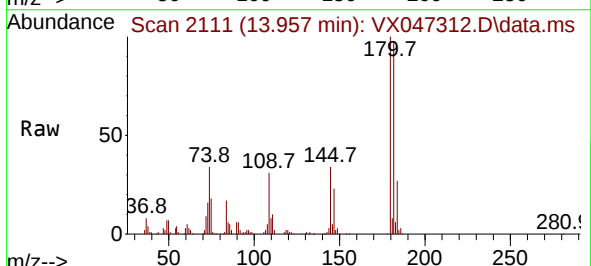
Tgt Ion:128 Resp: 221152
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.1 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.614 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047312.D
Acq: 13 Aug 2025 11:24



Tgt Ion:180 Resp: 67706
Ion Ratio Lower Upper
180 100
182 97.6 46.9 140.6
145 35.6 17.3 52.0

