

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047060.D
 Acq On : 21 Jul 2025 11:32
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 22 03:40:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	281238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	475828	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196123	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	547497	156.279	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 312.560%#			
35) Dibromofluoromethane	5.397	113	468188	159.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 318.720%#			
50) Toluene-d8	8.653	98	1448057	152.197	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 304.400%#			
62) 4-Bromofluorobenzene	11.079	95	635473	154.987	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 309.980%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	614977	164.628	ug/l	99
3) Chloromethane	1.307	50	591309	160.024	ug/l	98
4) Vinyl Chloride	1.386	62	609982	153.566	ug/l	100
5) Bromomethane	1.612	94	260740	120.842	ug/l	96
6) Chloroethane	1.691	64	357637	137.087	ug/l	99
7) Trichlorofluoromethane	1.898	101	903925	152.614	ug/l	99
8) Diethyl Ether	2.148	74	312592	149.683	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	532594	149.251	ug/l	99
10) Methyl Iodide	2.465	142	640817	176.203	ug/l	99
11) Tert butyl alcohol	2.971	59	299604	752.233	ug/l	97
12) 1,1-Dichloroethene	2.331	96	527730	149.314	ug/l	98
13) Acrolein	2.246	56	563218	746.645	ug/l	99
14) Allyl chloride	2.678	41	964459	150.960	ug/l	99
15) Acrylonitrile	3.075	53	1274179	762.599	ug/l	99
16) Acetone	2.392	43	975640	695.175	ug/l	100
17) Carbon Disulfide	2.526	76	1523226	148.974	ug/l	99
18) Methyl Acetate	2.715	43	558406	149.722	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1616941	150.323	ug/l	99
20) Methylene Chloride	2.800	84	548865	142.156	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	533003	147.371	ug/l	97
22) Diisopropyl ether	3.770	45	1792018	145.892	ug/l	97
23) Vinyl Acetate	3.733	43	7515505	762.847	ug/l	99
24) 1,1-Dichloroethane	3.623	63	1006940	147.421	ug/l	99
25) 2-Butanone	4.562	43	1525049	746.280	ug/l	98
26) 2,2-Dichloropropane	4.489	77	790347	149.478	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	627302	146.469	ug/l	99
28) Bromochloromethane	4.910	49	464333	147.764	ug/l	100
29) Tetrahydrofuran	5.013	42	995703	755.168	ug/l	99
30) Chloroform	5.105	83	982491	141.308	ug/l	97
31) Cyclohexane	5.483	56	928560	141.781	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	892102	147.721	ug/l	98
36) 1,1-Dichloropropene	5.702	75	707227	141.221	ug/l	99
37) Ethyl Acetate	4.721	43	664604	150.587	ug/l	99
38) Carbon Tetrachloride	5.690	117	771081	144.260	ug/l	99
39) Methylcyclohexane	7.385	83	932504	149.137	ug/l	98
40) Benzene	6.044	78	2112753	145.777	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	373711	154.886	ug/l	98
42) 1,2-Dichloroethane	6.092	62	737991	144.555	ug/l	99
43) Isopropyl Acetate	6.342	43	1145157	159.182	ug/l	99
44) Trichloroethene	7.129	130	547123	147.215	ug/l	97
45) 1,2-Dichloropropane	7.434	63	529204	145.791	ug/l	97
46) Dibromomethane	7.586	93	381666	149.938	ug/l	99
47) Bromodichloromethane	7.824	83	794793	146.693	ug/l	99
48) Methyl methacrylate	7.696	41	589190	150.339	ug/l	99
49) 1,4-Dioxane	7.665	88	141473	3173.881	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	3143746	735.203	ug/l	100
52) Toluene	8.720	92	1298426	145.703	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	802670	156.884	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	876033	156.442	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	478247	143.101	ug/l	99
56) Ethyl methacrylate	9.116	69	791875	160.053	ug/l	99
57) 1,3-Dichloropropane	9.305	76	823631	141.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	2120903	770.350	ug/l	99
59) 2-Hexanone	9.433	43	2172764	769.096	ug/l	99
60) Dibromochloromethane	9.519	129	583183	148.786	ug/l	99
61) 1,2-Dibromoethane	9.610	107	500995	143.366	ug/l	99
64) Tetrachloroethene	9.275	164	433805	142.999	ug/l	98
65) Chlorobenzene	10.079	112	1432482	145.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	495347	149.242	ug/l	98
67) Ethyl Benzene	10.195	91	2508990	145.559	ug/l	100
68) m/p-Xylenes	10.299	106	1848008	286.495	ug/l	98
69) o-Xylene	10.640	106	897705	146.292	ug/l	100
70) Styrene	10.653	104	1538516	146.214	ug/l	99
71) Bromoform	10.799	173	377881	149.877	ug/l #	100
73) Isopropylbenzene	10.963	105	2341028	151.299	ug/l	99
74) N-amyl acetate	10.842	43	1017450	164.856	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	649081	146.858	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	542883m	149.549	ug/l	
77) Bromobenzene	11.195	156	555966	149.806	ug/l	99
78) n-propylbenzene	11.305	91	2790577	150.924	ug/l	99
79) 2-Chlorotoluene	11.366	91	1641174	148.487	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1921023	150.280	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	234105	166.150	ug/l	95
82) 4-Chlorotoluene	11.451	91	1901346	147.381	ug/l	99
83) tert-Butylbenzene	11.713	119	1941048	151.288	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1923088	150.829	ug/l	100
85) sec-Butylbenzene	11.890	105	2386553	148.873	ug/l	100
86) p-Isopropyltoluene	12.006	119	2001346	150.546	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	1044993	148.192	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	1039670	145.525	ug/l	98
89) n-Butylbenzene	12.329	91	1874924	150.392	ug/l	99
90) Hexachloroethane	12.536	117	376780	158.429	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	994860	147.614	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	142395	167.843	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	691853	155.373	ug/l	100
94) Hexachlorobutadiene	13.725	225	224504	148.249	ug/l	97
95) Naphthalene	13.774	128	2171681	166.363	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	662501	154.436	ug/l	99

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ClientSampleId :
VSTDICC150

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

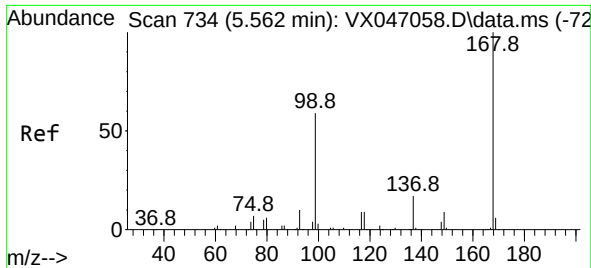
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

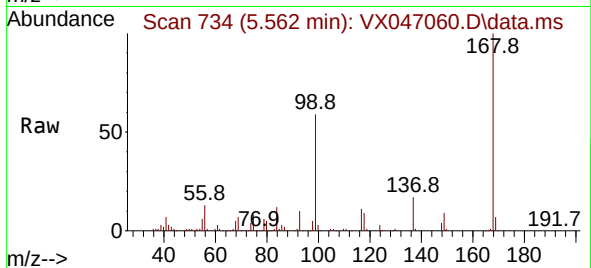
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

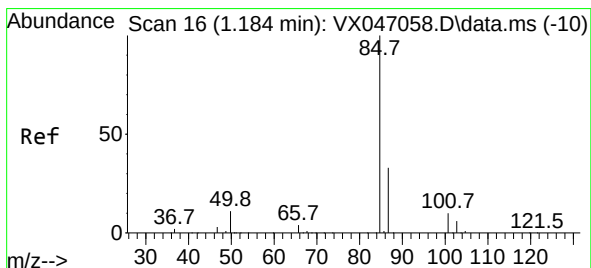
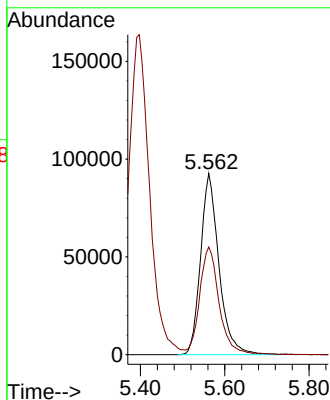
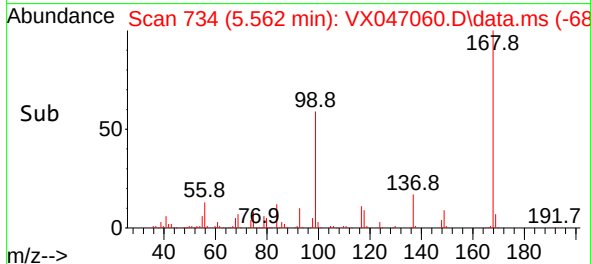
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:168 Resp: 281238
Ion Ratio Lower Upper
168 100
99 59.4 48.0 72.0

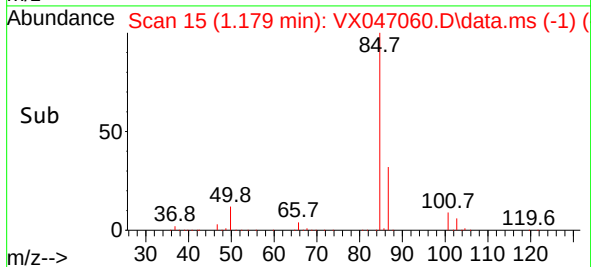
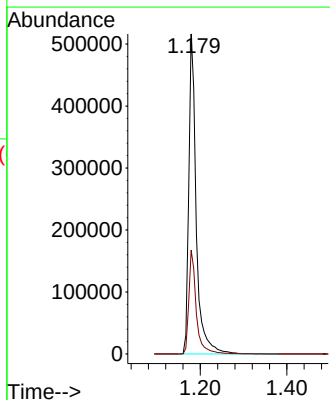
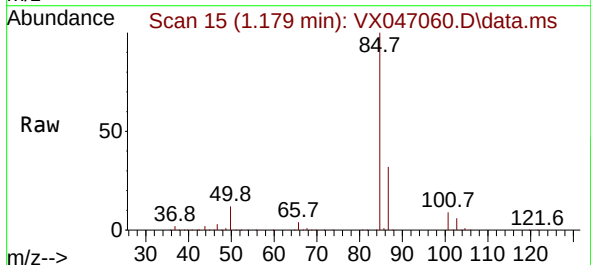
Manual Integrations
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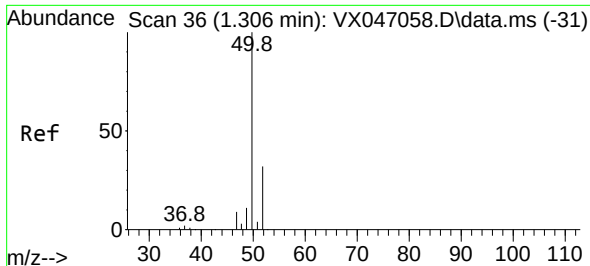
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#2
Dichlorodifluoromethane
Concen: 164.628 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

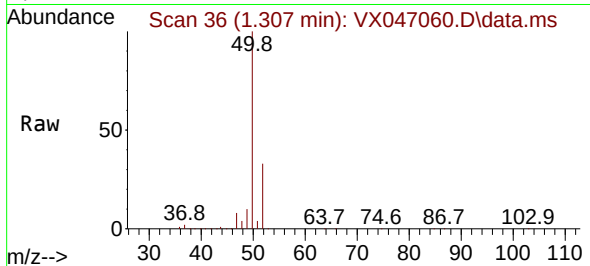
Tgt Ion: 85 Resp: 614977
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.8





#3
Chloromethane
Concen: 160.024 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

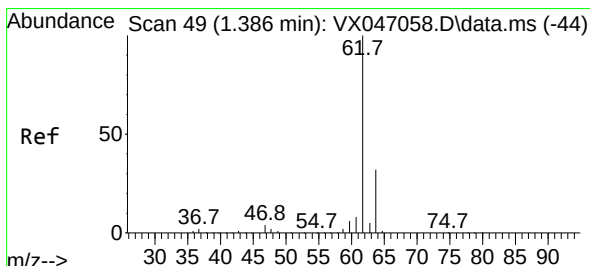
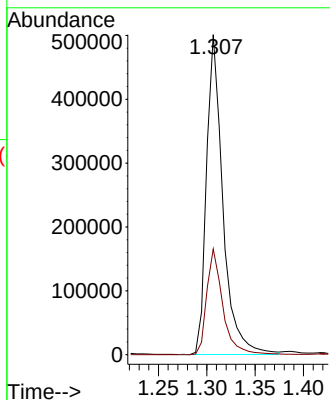
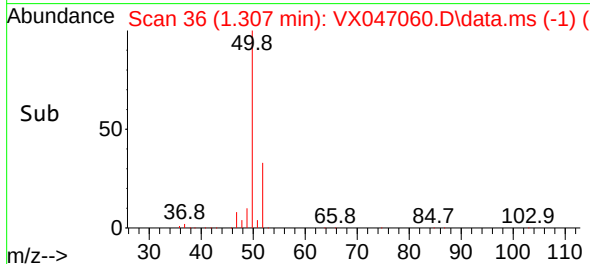
Instrument :
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VSTDIC150



Tgt Ion: 50 Resp: 591309
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

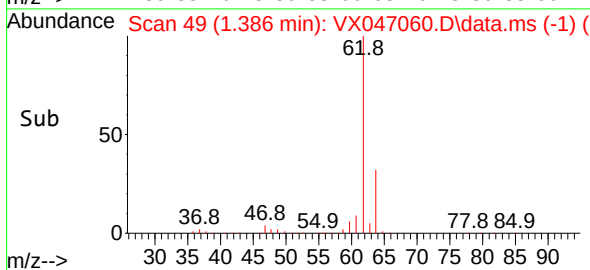
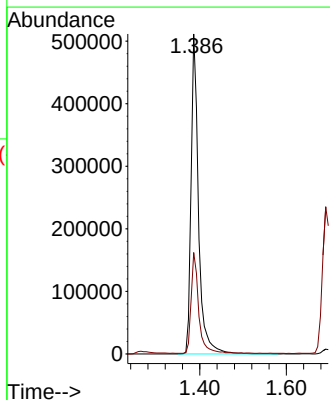
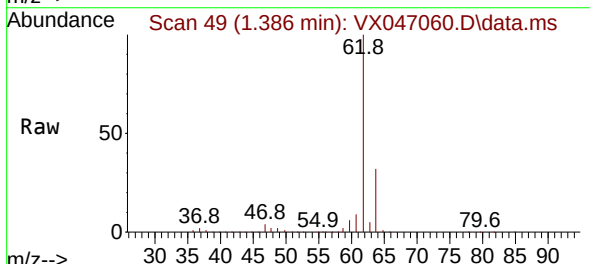
Manual Integrations
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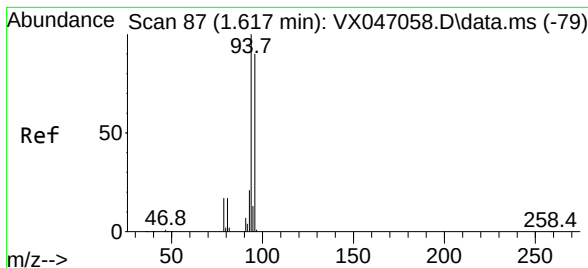
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#4
Vinyl Chloride
Concen: 153.566 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

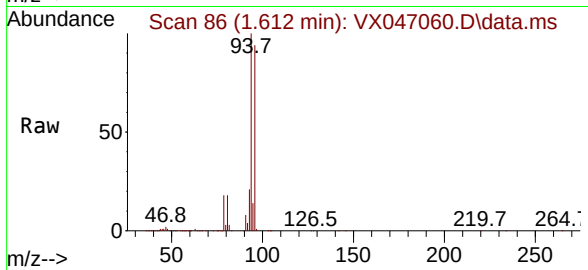
Tgt Ion: 62 Resp: 609982
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5
Bromomethane
Concen: 120.842 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

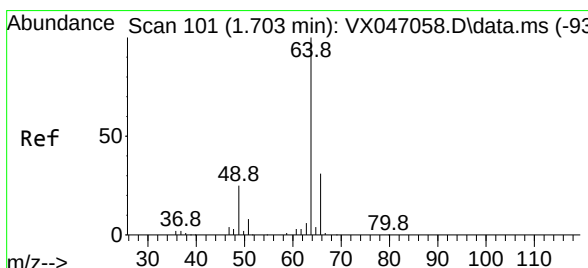
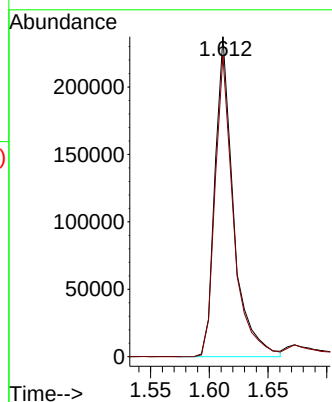
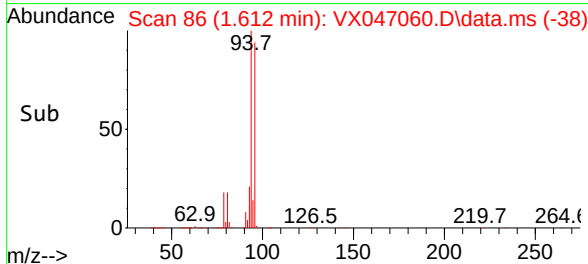
Instrument :
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Tgt Ion: 94 Resp: 260740
Ion Ratio Lower Upper
94 100
96 94.1 72.3 108.5

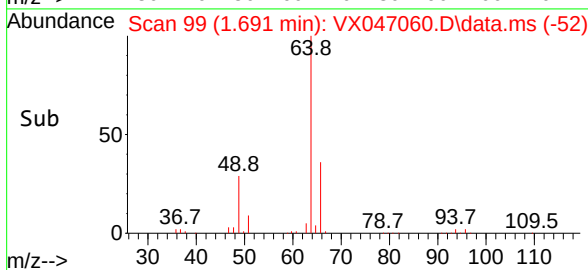
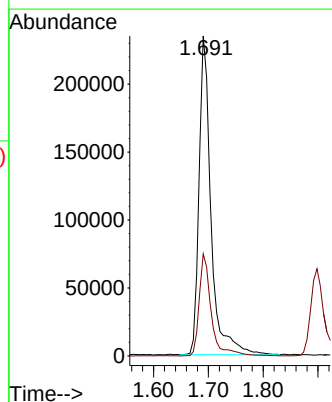
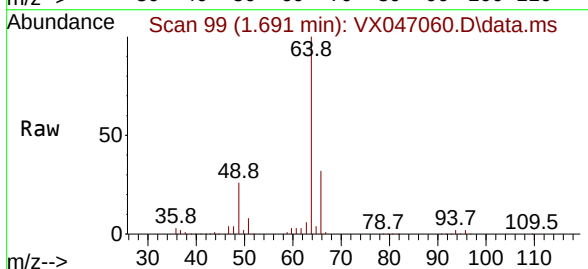
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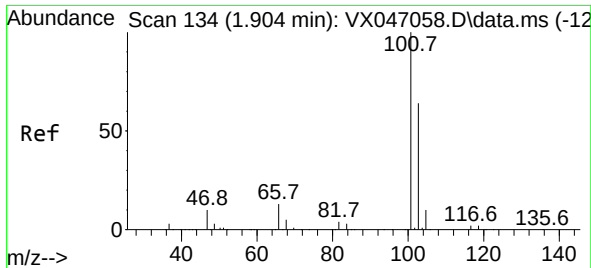
Reviewed By :John Carlone 07/22/2025
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#6
Chloroethane
Concen: 137.087 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.012 min
Lab File: VX047060.D
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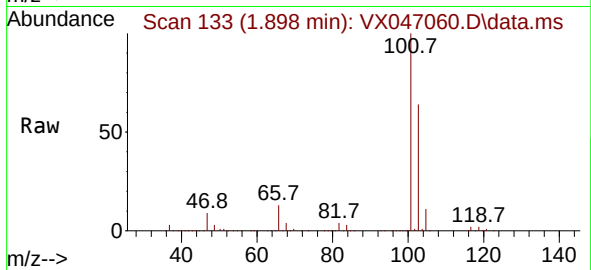
Tgt Ion: 64 Resp: 357637
Ion Ratio Lower Upper
64 100
66 32.0 25.0 37.6





#7
Trichlorofluoromethane
Concen: 152.614 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

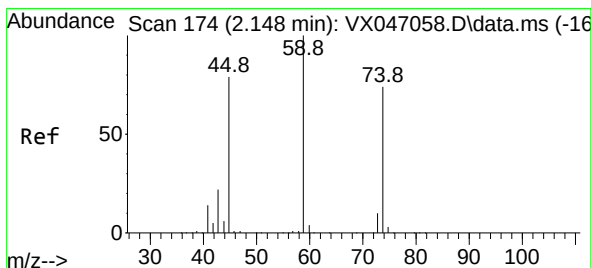
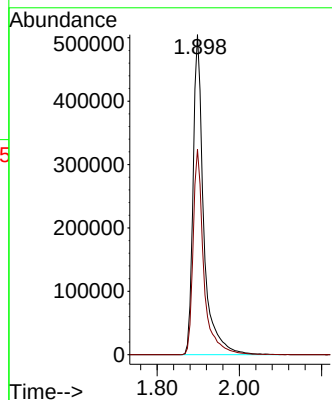
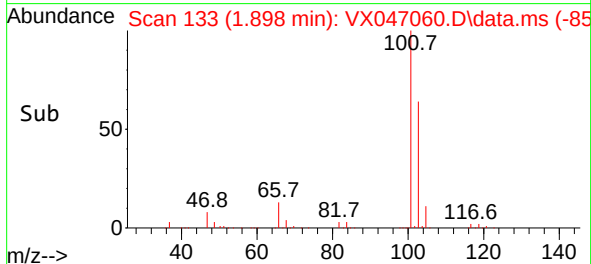
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:101 Resp: 90392
Ion Ratio Lower Upper
101 100
103 64.1 50.9 76.3

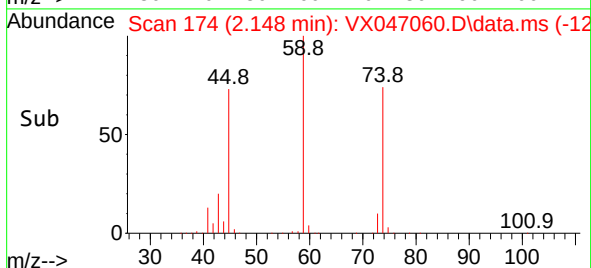
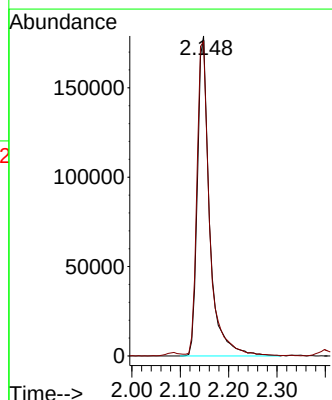
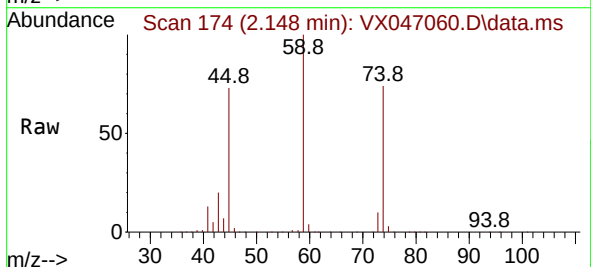
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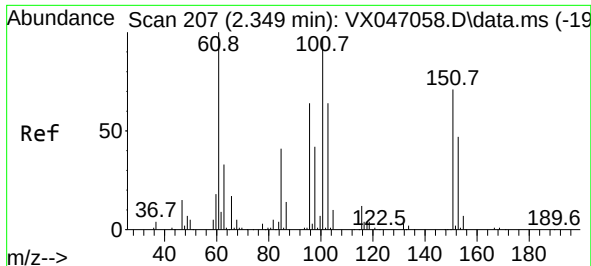
Reviewed By :John Carlone 07/22/2025
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#8
Diethyl Ether
Concen: 149.683 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

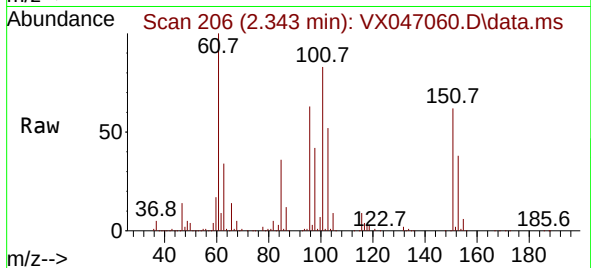
Tgt Ion: 74 Resp: 312592
Ion Ratio Lower Upper
74 100
45 101.9 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 149.251 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

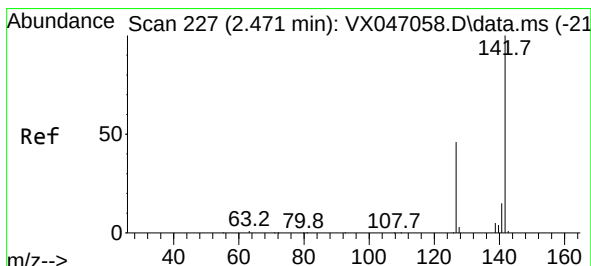
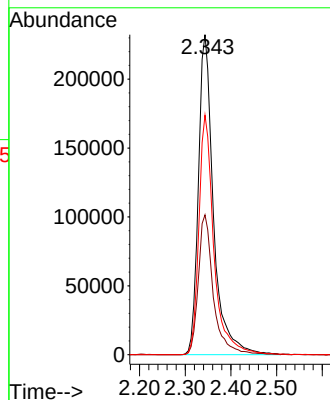
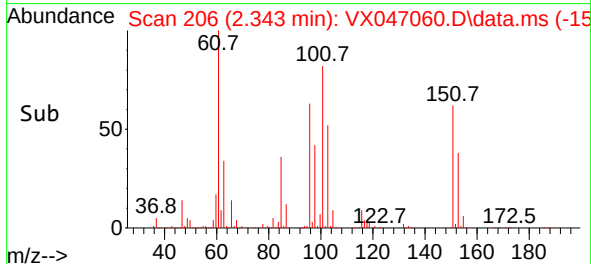
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 532594
Ion Ratio Lower Upper
101 100
85 43.8 35.4 53.0
151 74.8 59.2 88.8

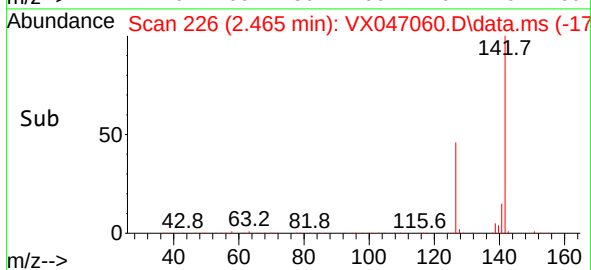
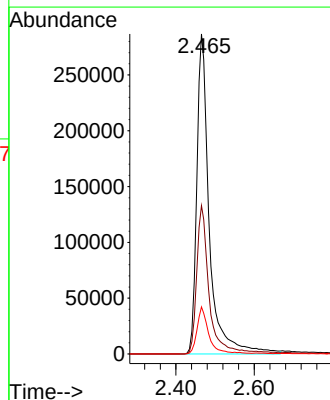
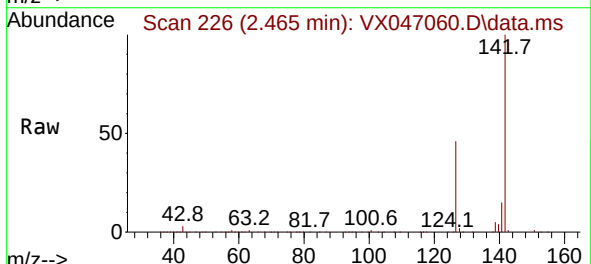
Manual Integrations
APPROVED

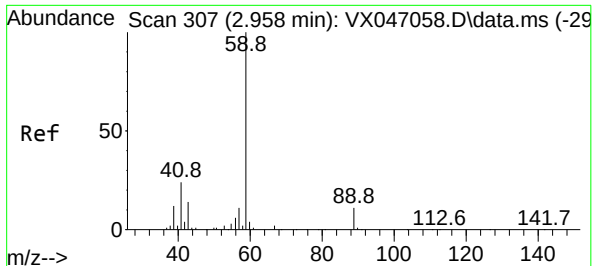
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#10
Methyl Iodide
Concen: 176.203 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Tgt Ion:142 Resp: 640817
Ion Ratio Lower Upper
142 100
127 46.4 36.6 54.8
141 13.8 10.9 16.3





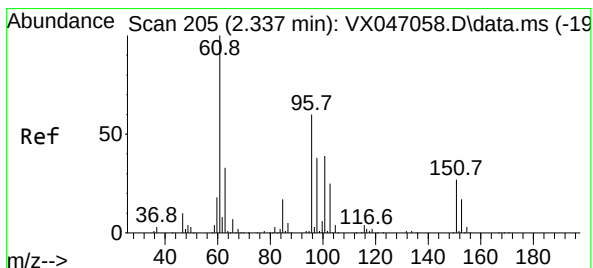
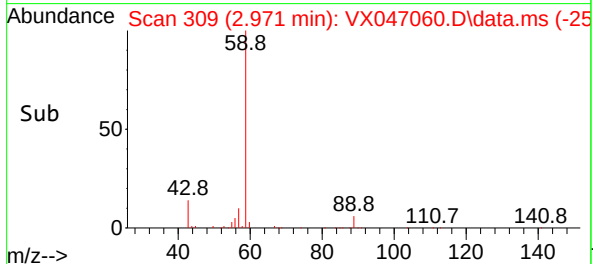
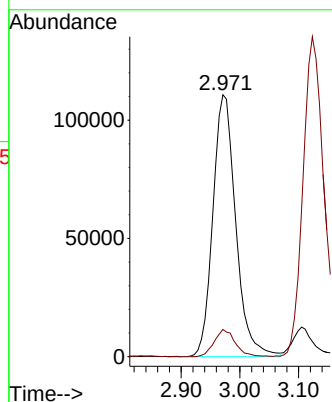
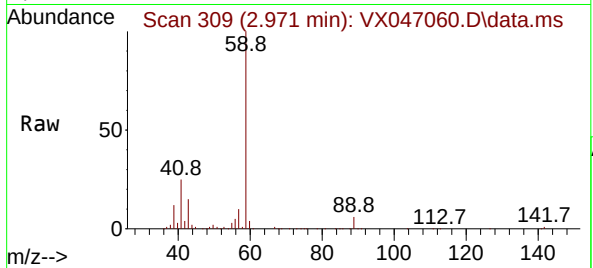
#11
Tert butyl alcohol
Concen: 752.233 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.013 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 299604
Ion Ratio Lower Upper
59 100
57 9.6 8.5 12.7

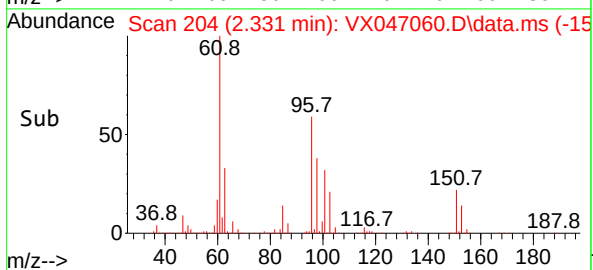
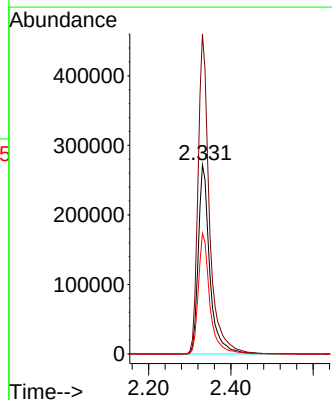
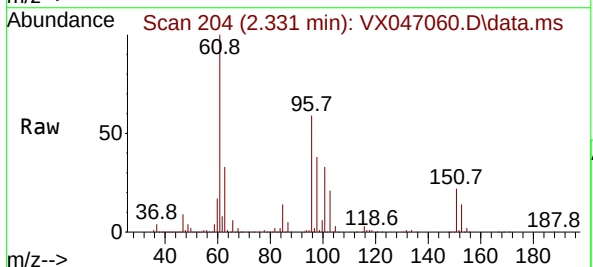
Manual Integrations
APPROVED

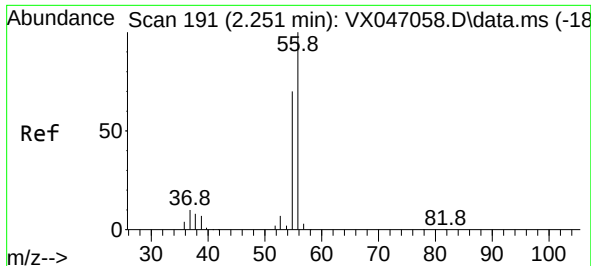
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#12
1,1-Dichloroethene
Concen: 149.314 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Tgt Ion: 96 Resp: 527730
Ion Ratio Lower Upper
96 100
61 169.3 132.6 198.8
98 63.9 50.2 75.4





#13

Acrolein

Concen: 746.645 ug/l

RT: 2.246 min Scan# 191

Delta R.T. -0.006 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 563218

Ion Ratio Lower Upper

56 100

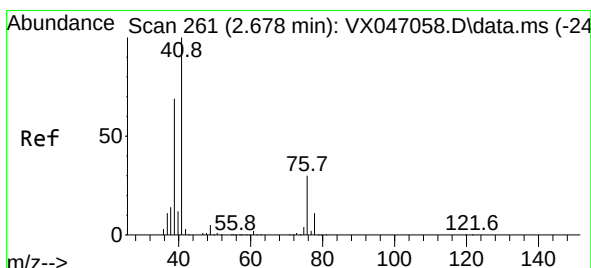
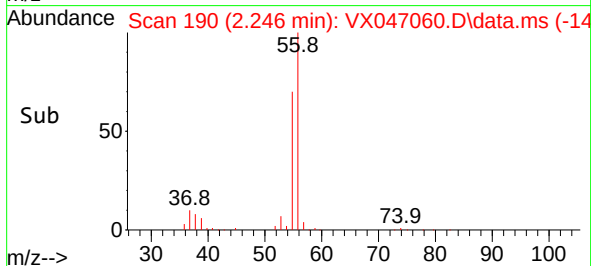
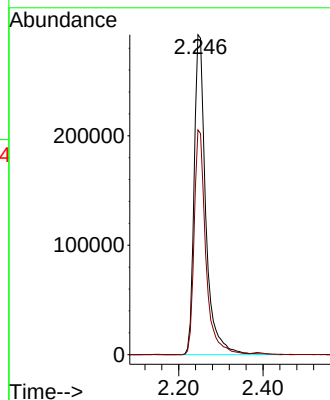
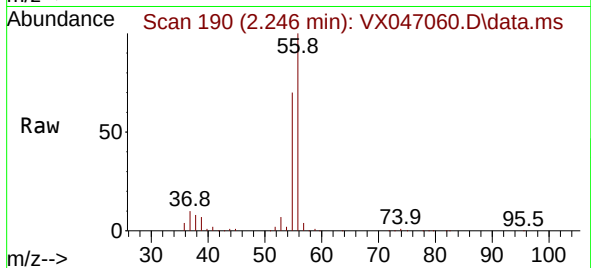
55 70.1 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#14

Allyl chloride

Concen: 150.960 ug/l

RT: 2.678 min Scan# 261

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

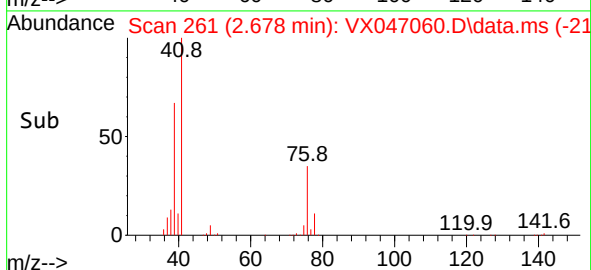
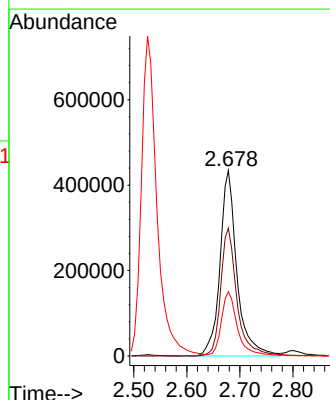
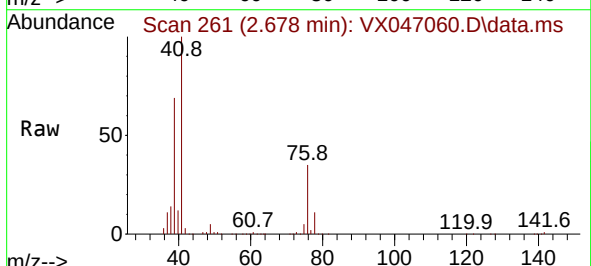
Tgt Ion: 41 Resp: 964459

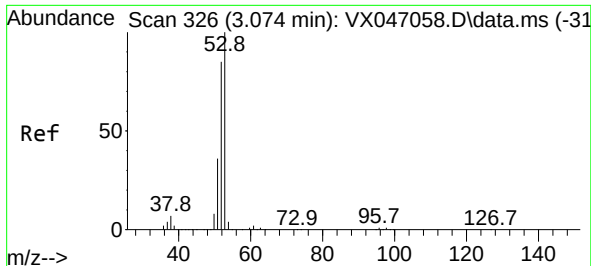
Ion Ratio Lower Upper

41 100

39 66.1 52.6 78.8

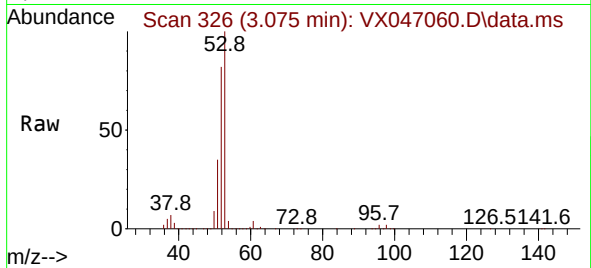
76 32.7 25.7 38.5





#15
Acrylonitrile
Concen: 762.599 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

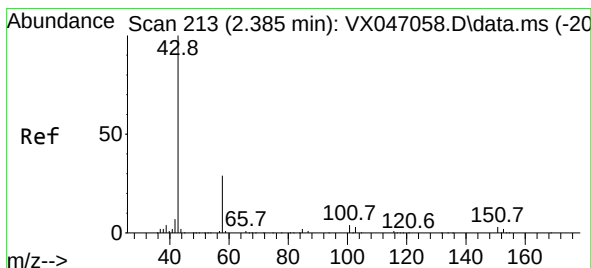
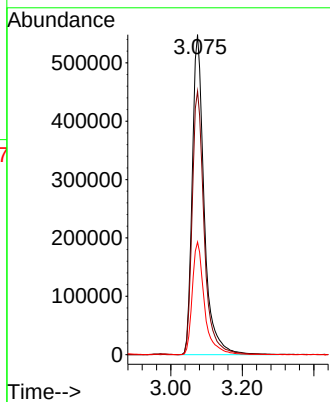
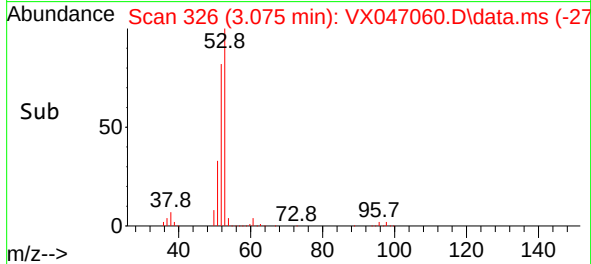
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



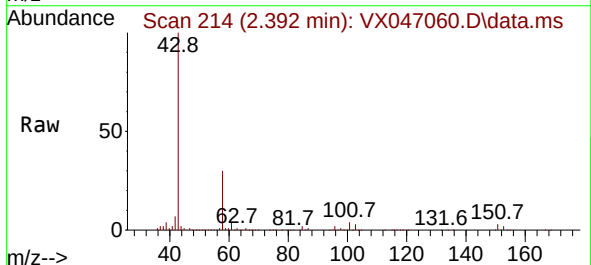
Tgt Ion: 53 Resp: 1274179
Ion Ratio Lower Upper
53 100
52 82.9 65.7 98.5
51 36.0 28.8 43.2

Manual Integrations
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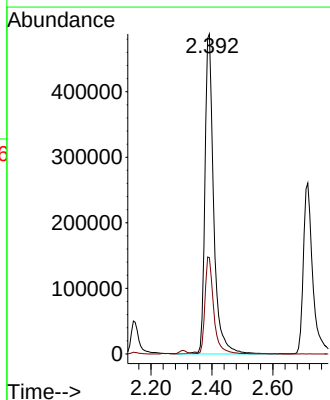
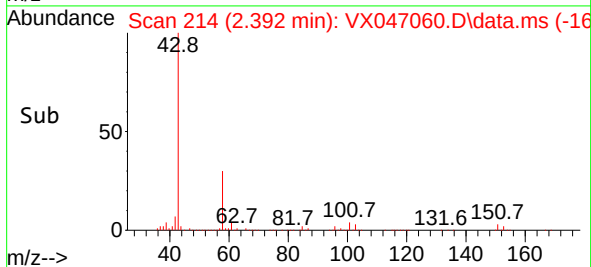
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

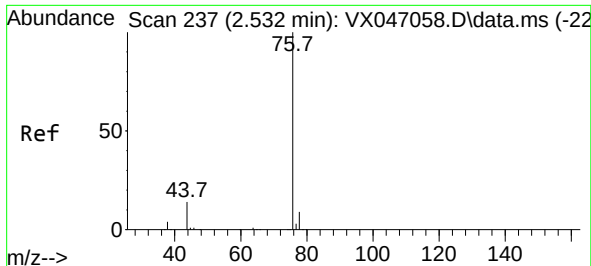


#16
Acetone
Concen: 695.175 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32



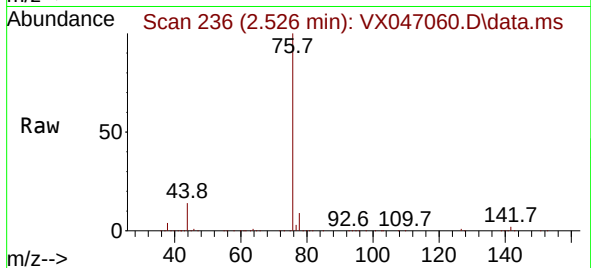
Tgt Ion: 43 Resp: 975640
Ion Ratio Lower Upper
43 100
58 30.1 24.0 36.0





#17
Carbon Disulfide
Concen: 148.974 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

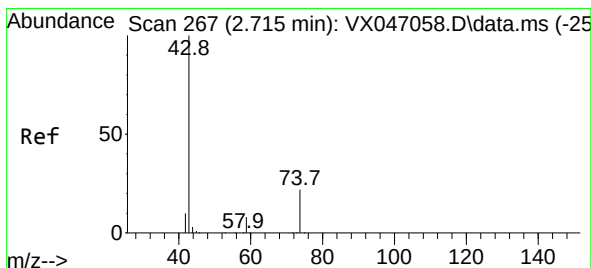
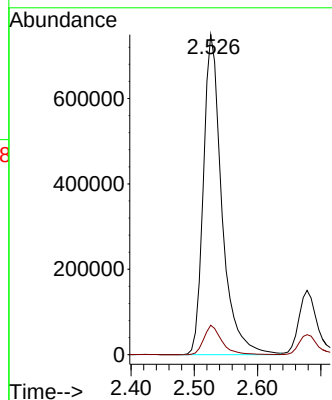
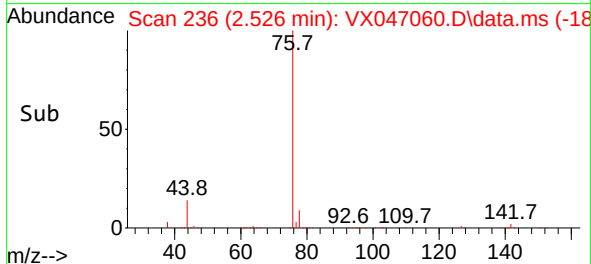
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 1523220
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

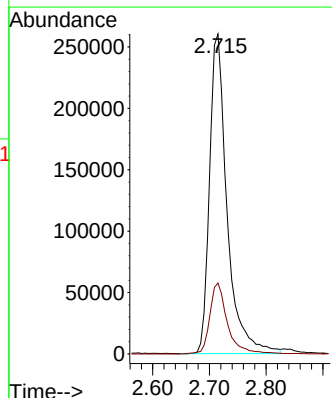
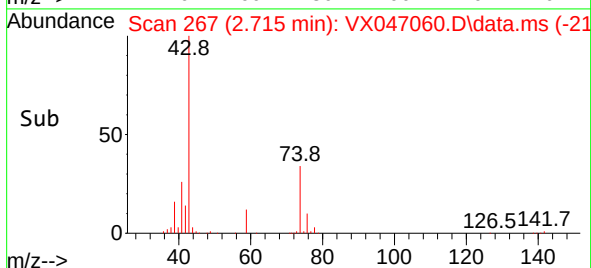
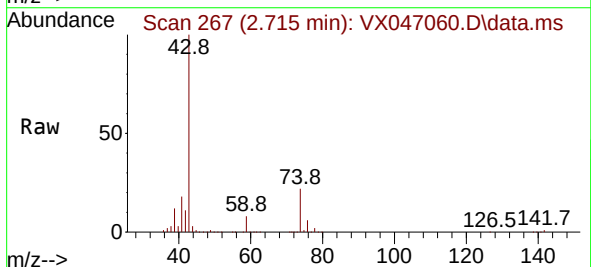
Manual Integrations
APPROVED

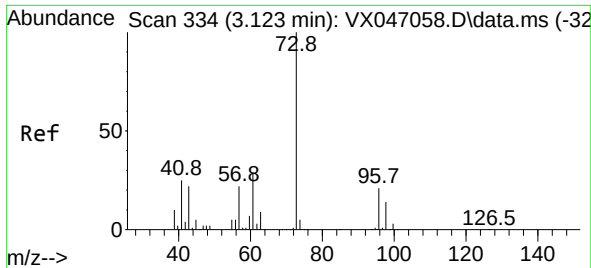
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#18
Methyl Acetate
Concen: 149.722 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

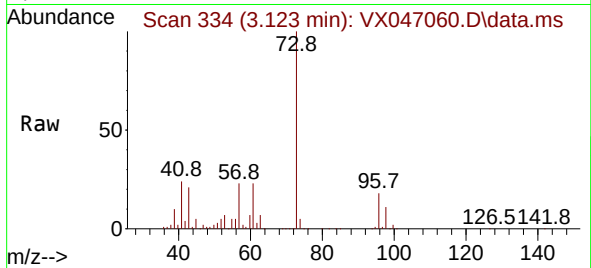
Tgt Ion: 43 Resp: 558406
Ion Ratio Lower Upper
43 100
74 22.6 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 150.323 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

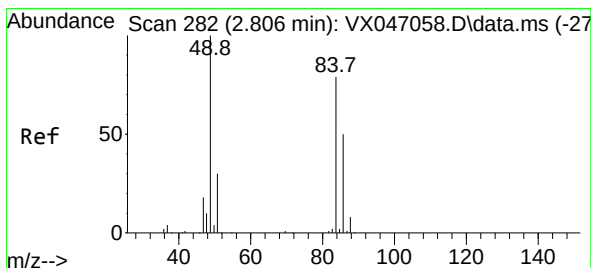
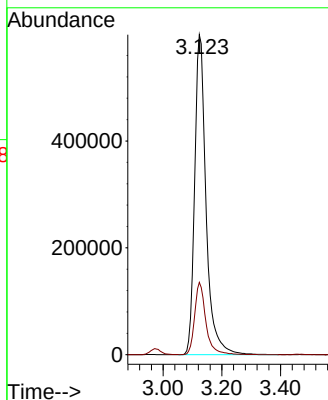
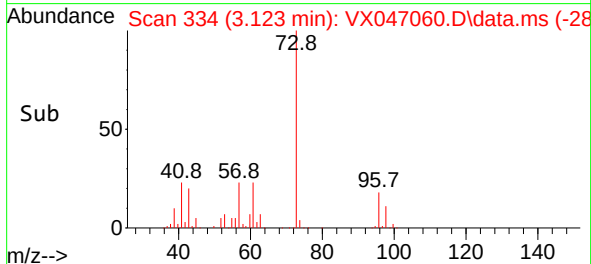
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



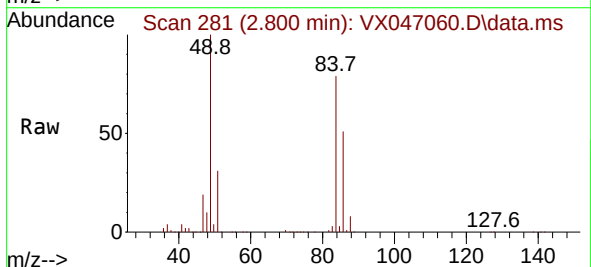
Tgt Ion: 73 Resp: 161694
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5

Manual Integrations
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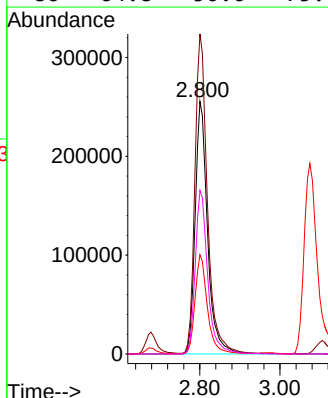
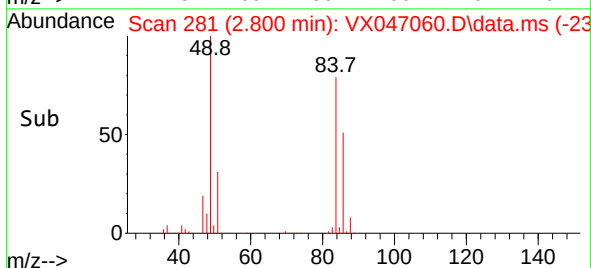
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

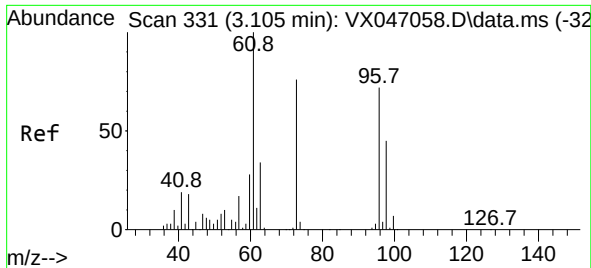


#20
Methylene Chloride
Concen: 142.156 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32



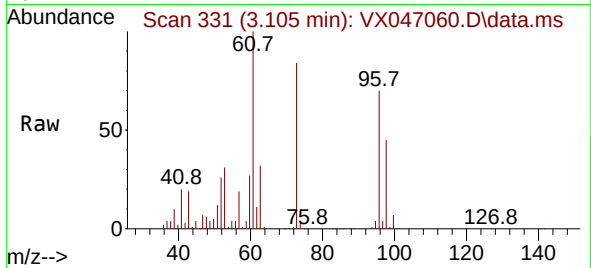
Tgt Ion: 84 Resp: 548865
Ion Ratio Lower Upper
84 100
49 126.6 101.6 152.4
51 39.2 30.3 45.5
86 64.8 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 147.371 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

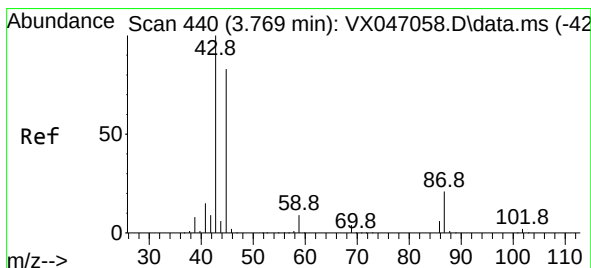
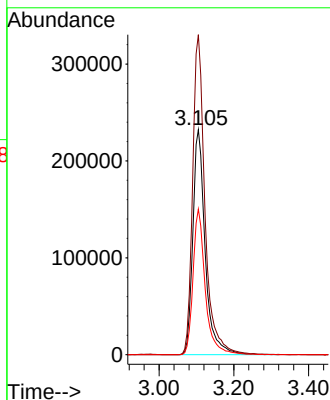
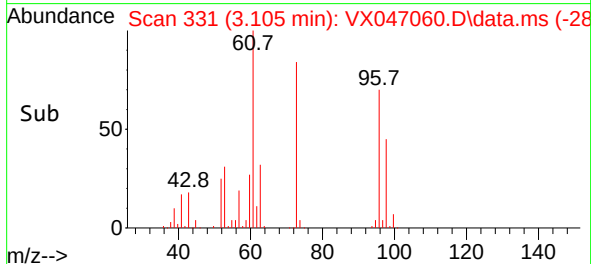
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



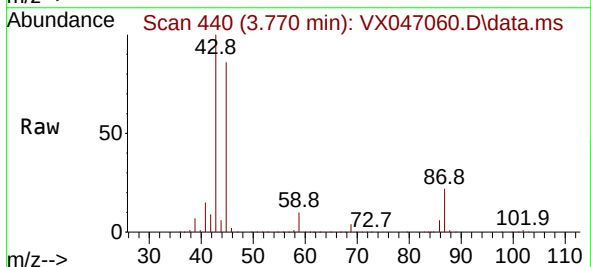
Tgt Ion: 96 Resp: 533000
Ion Ratio Lower Upper
96 100
61 142.3 111.1 166.7
98 64.7 49.6 74.4

Manual Integrations
APPROVED

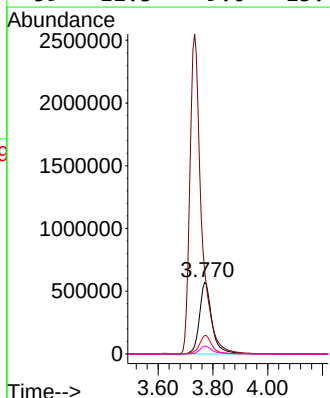
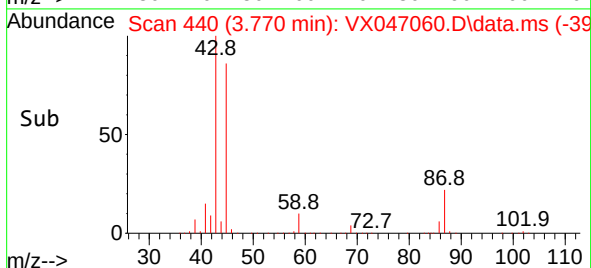
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

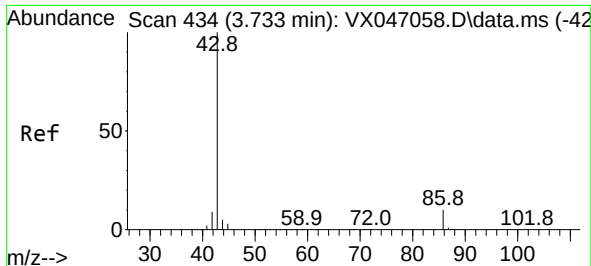


#22
Diisopropyl ether
Concen: 145.892 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32



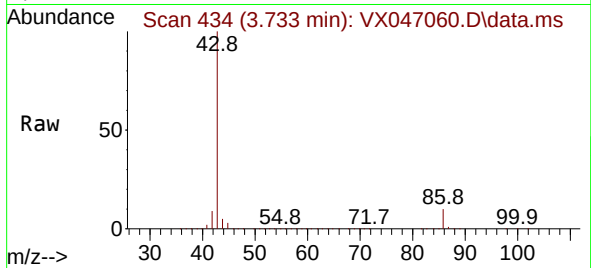
Tgt Ion: 45 Resp: 1792018
Ion Ratio Lower Upper
45 100
43 116.8 96.8 145.2
87 25.8 20.5 30.7
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 762.847 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047060.D
 Acq: 21 Jul 2025 11:32

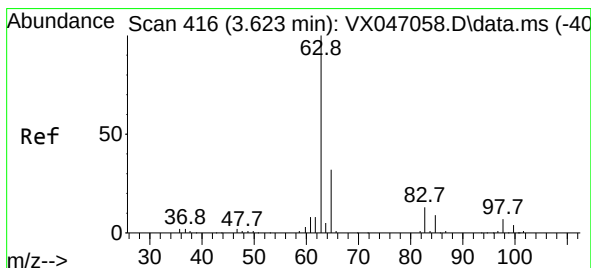
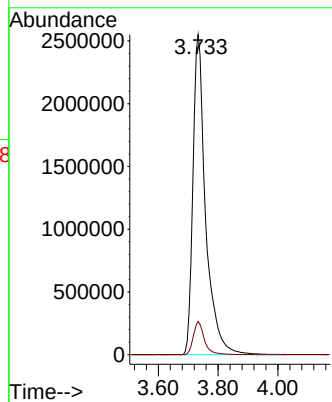
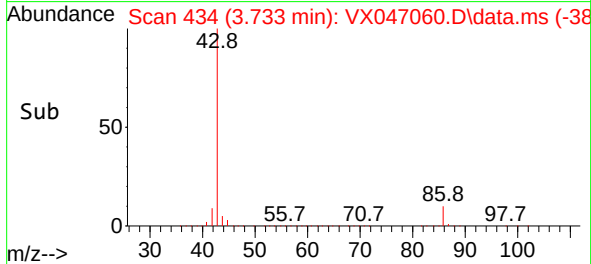
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



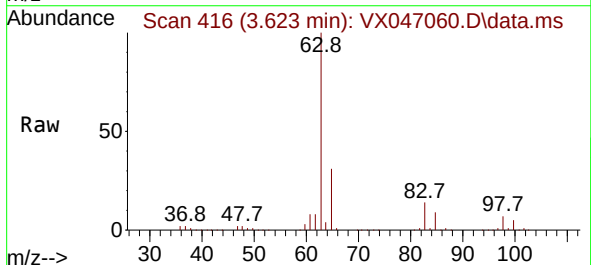
Tgt Ion: 43 Resp: 751550
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.1 12.1

Manual Integrations
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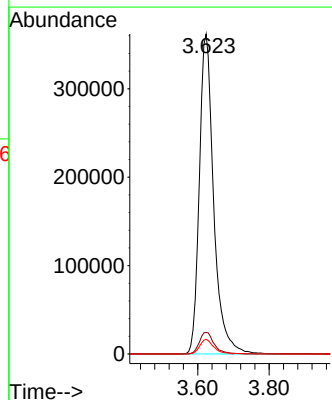
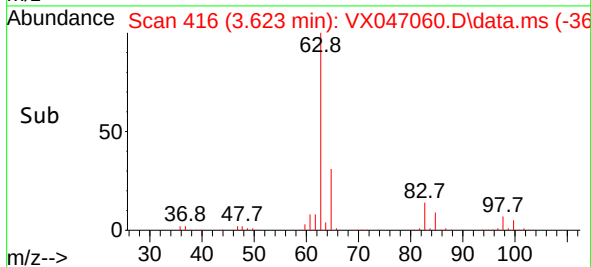
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

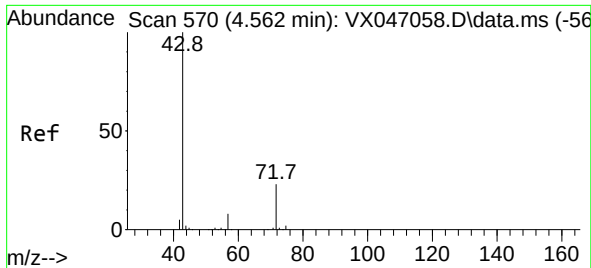


#24
 1,1-Dichloroethane
 Concen: 147.421 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047060.D
 Acq: 21 Jul 2025 11:32



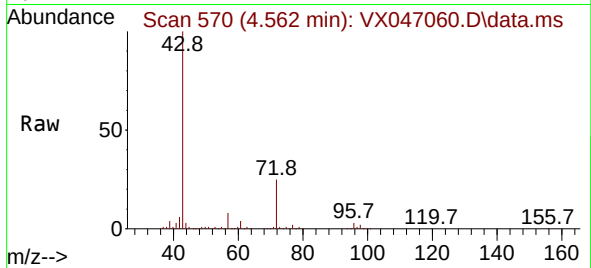
Tgt Ion: 63 Resp: 1006940
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.6 2.3 6.8





#25
2-Butanone
Concen: 746.280 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

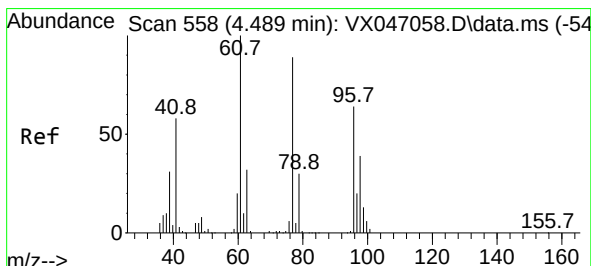
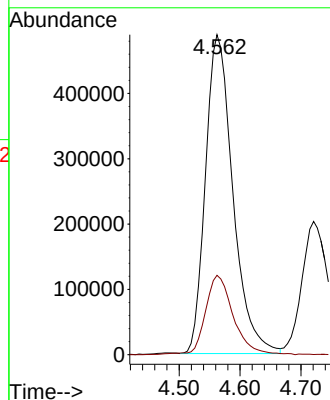
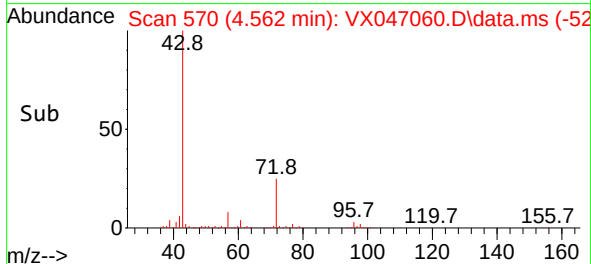
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 1525049
Ion Ratio Lower Upper
43 100
72 24.5 18.8 28.2

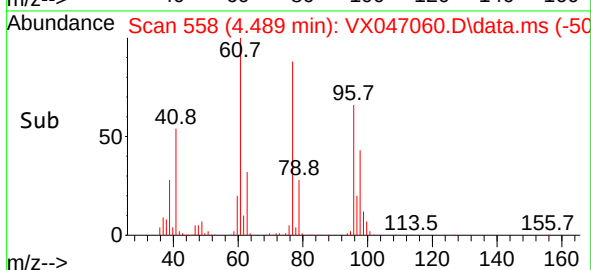
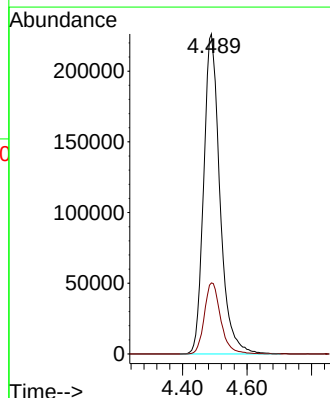
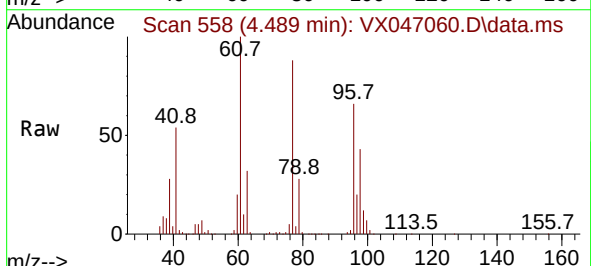
Manual Integrations
APPROVED

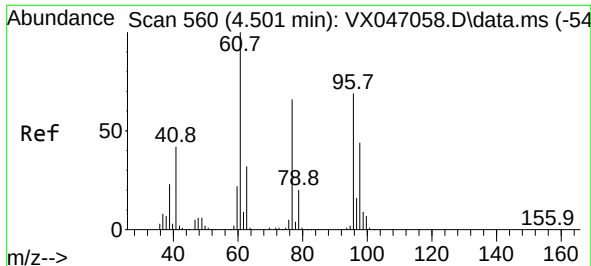
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#26
2,2-Dichloropropane
Concen: 149.478 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Tgt Ion: 77 Resp: 790347
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 146.469 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 627302

Ion Ratio Lower Upper

96 100

61 148.2 0.0 298.6

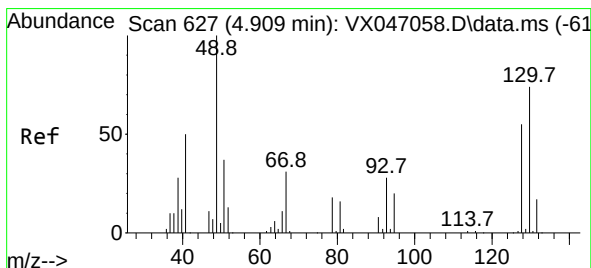
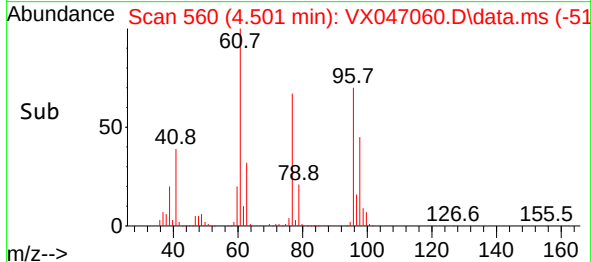
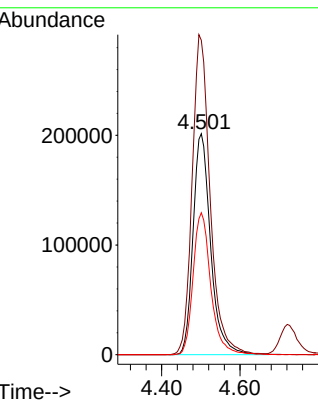
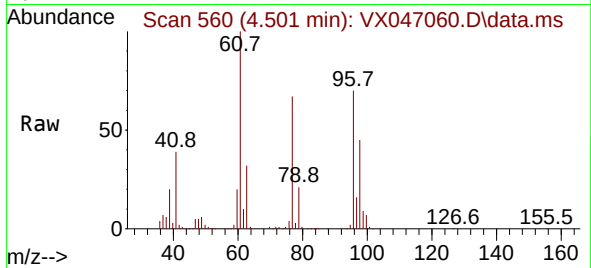
98 64.7 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#28

Bromochloromethane

Concen: 147.764 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

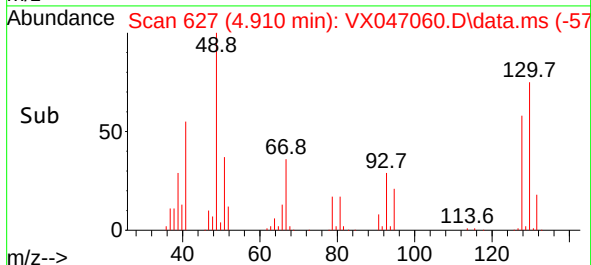
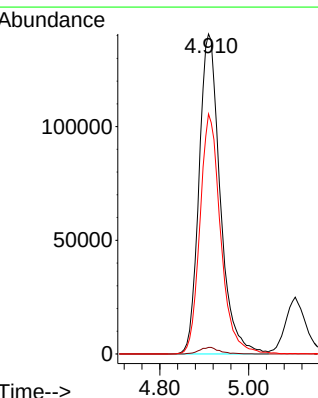
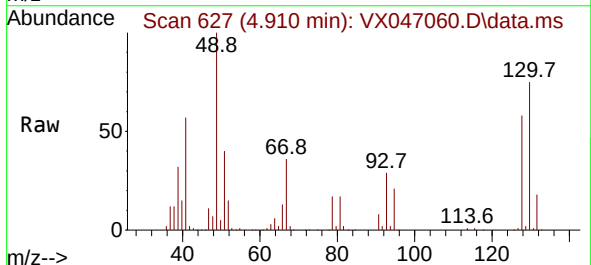
Tgt Ion: 49 Resp: 464333

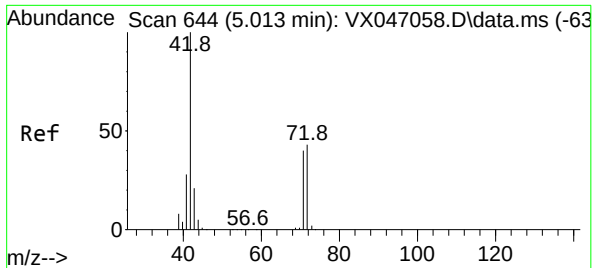
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

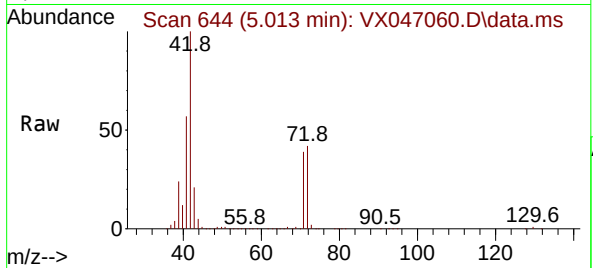
130 73.5 59.0 88.4





#29
Tetrahydrofuran
Concen: 755.168 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

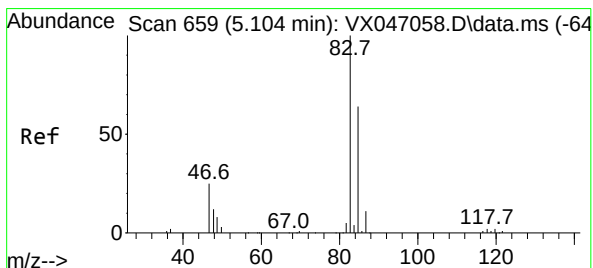
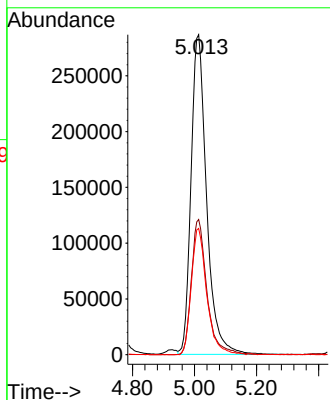
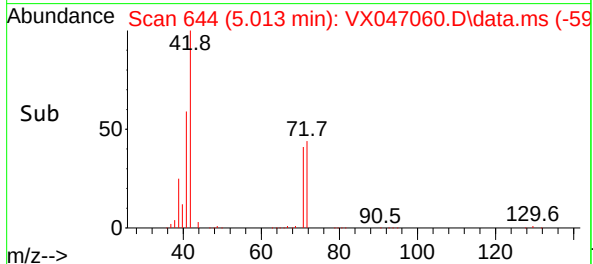
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 42 Resp: 99570
Ion Ratio Lower Upper
42 100
72 42.5 33.7 50.5
71 39.2 31.0 46.4

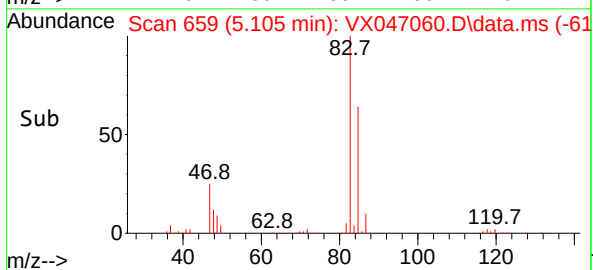
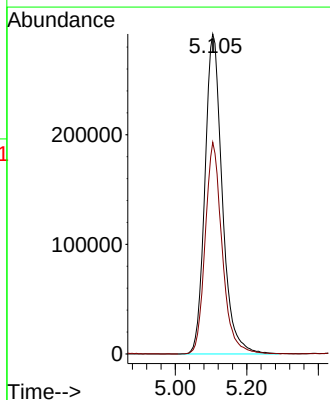
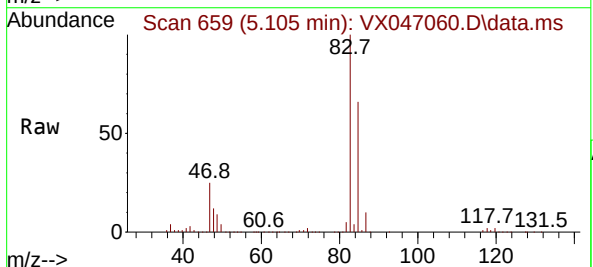
Manual Integrations
APPROVED

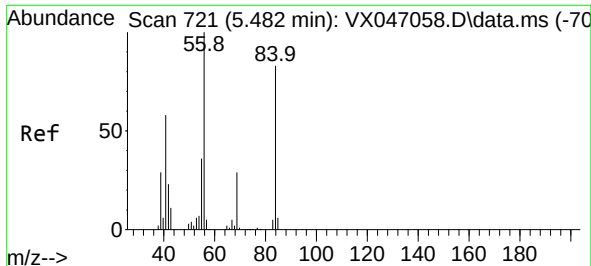
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#30
Chloroform
Concen: 141.308 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

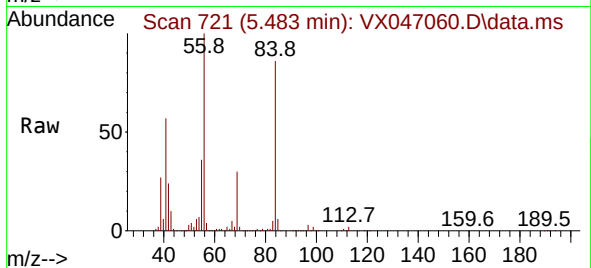
Tgt Ion: 83 Resp: 982491
Ion Ratio Lower Upper
83 100
85 66.2 50.9 76.3





#31
Cyclohexane
Concen: 141.781 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

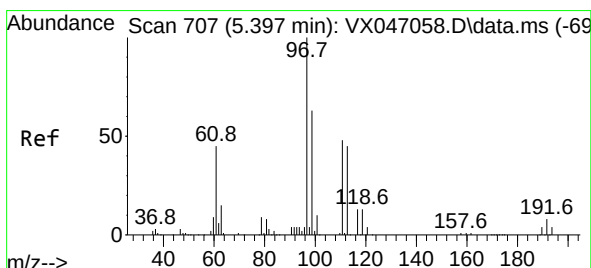
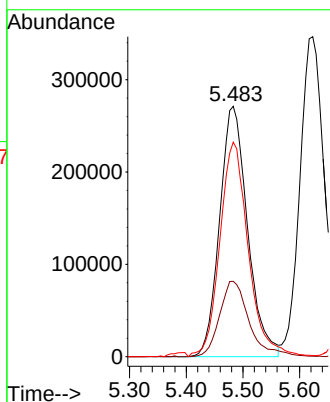
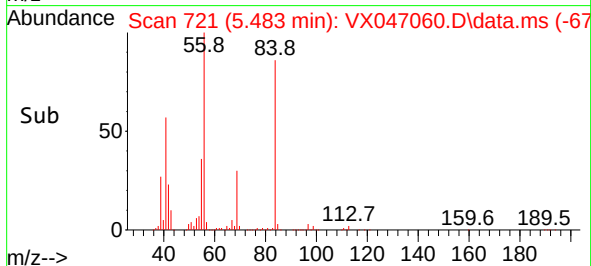
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 928560
Ion Ratio Lower Upper
56 100
69 29.7 23.3 34.9
84 84.1 66.5 99.7

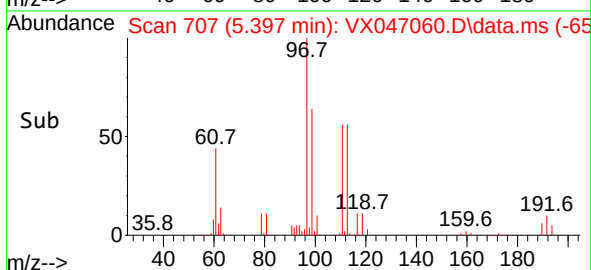
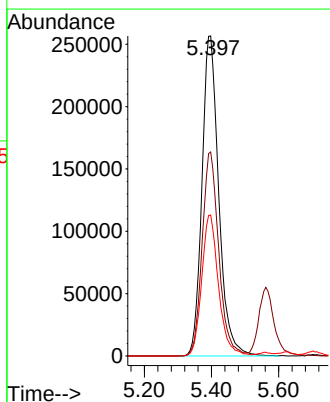
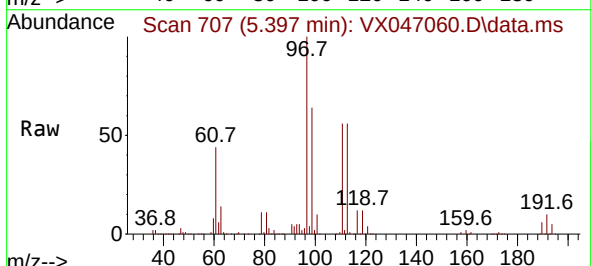
Manual Integrations
APPROVED

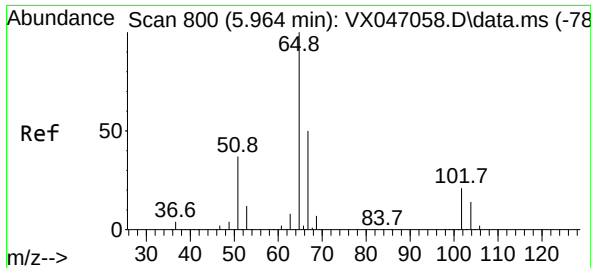
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#32
1,1,1-Trichloroethane
Concen: 147.721 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

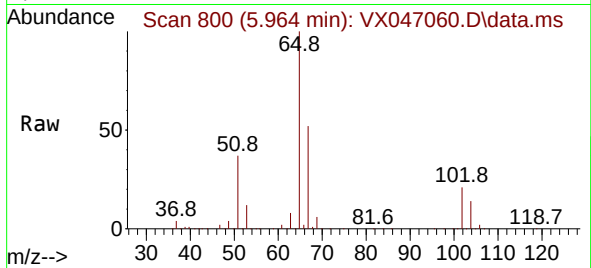
Tgt Ion: 97 Resp: 892102
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 44.2 37.1 55.7





#33
1,2-Dichloroethane-d4
Concen: 156.279 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

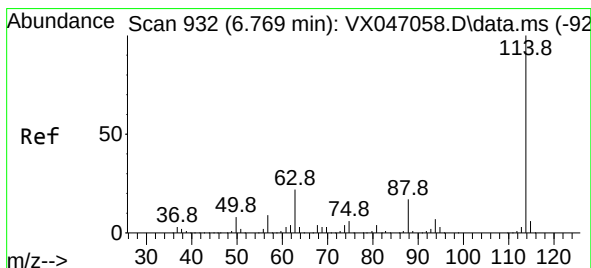
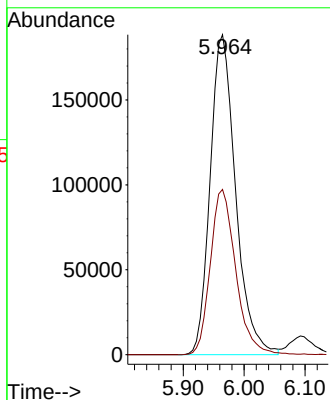
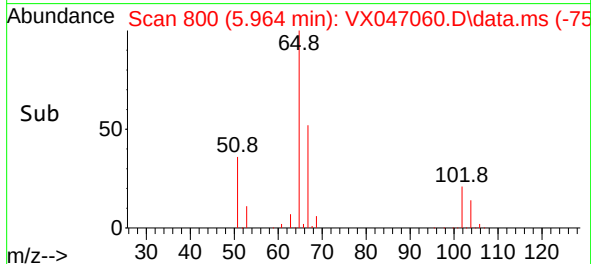
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 65 Resp: 54749
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8

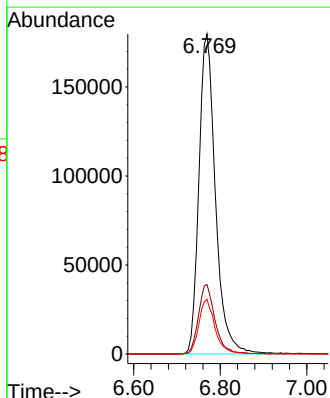
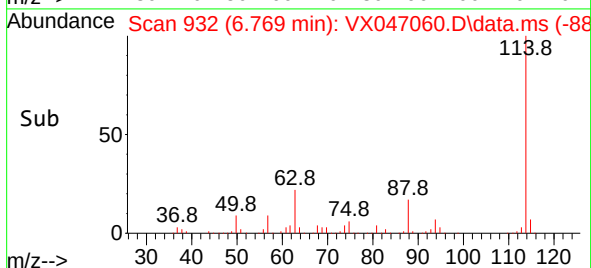
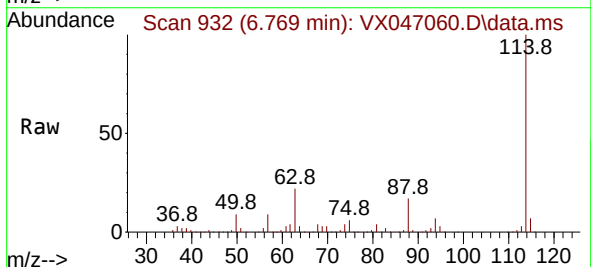
Manual Integrations
APPROVED

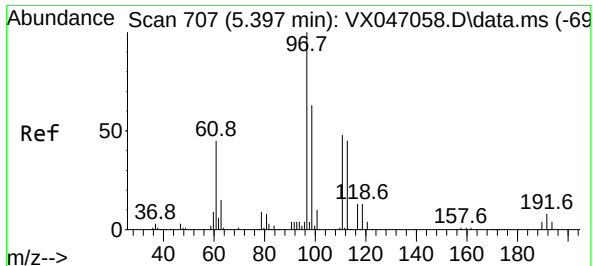
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Tgt Ion:114 Resp: 475828
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 17.1 0.0 33.8





#35

Dibromofluoromethane

Concen: 159.361 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 46818

Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

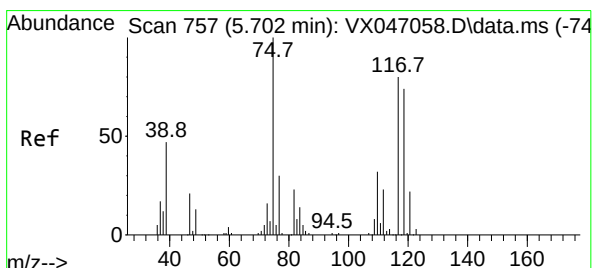
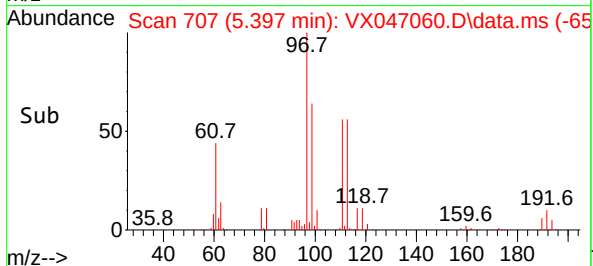
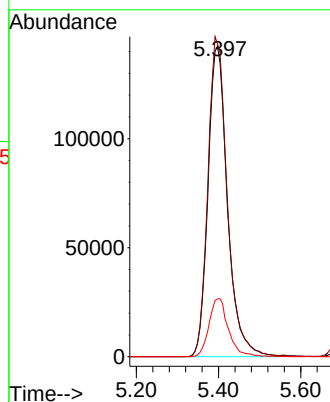
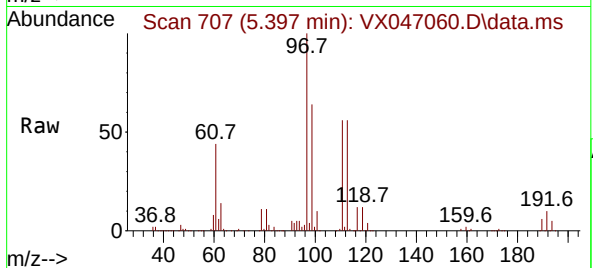
192 18.6 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#36

1,1-Dichloropropene

Concen: 141.221 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

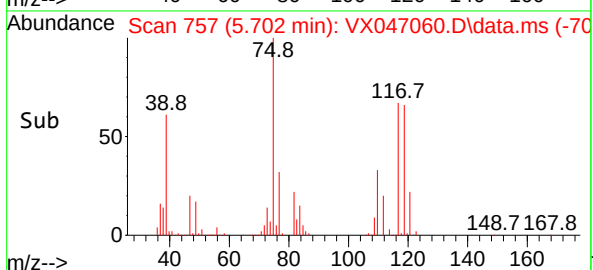
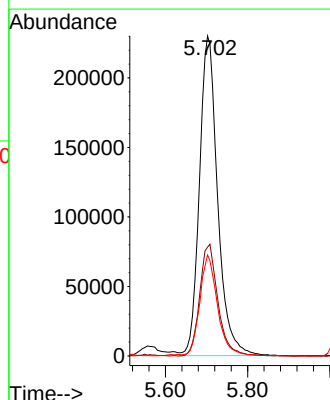
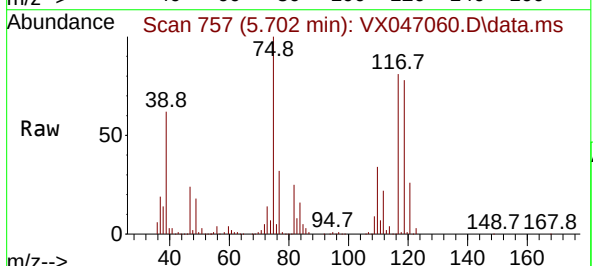
Tgt Ion: 75 Resp: 707227

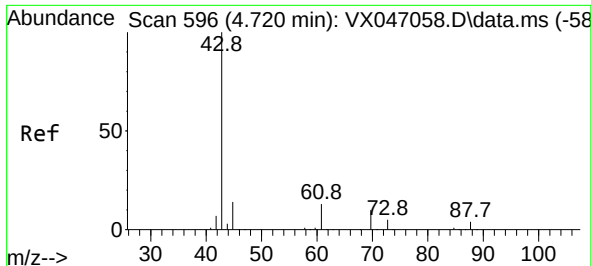
Ion Ratio Lower Upper

75 100

110 35.0 17.2 51.5

77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 150.587 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 664604

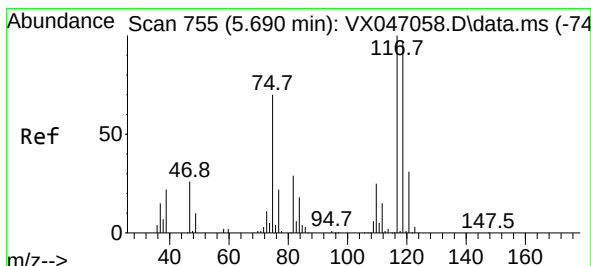
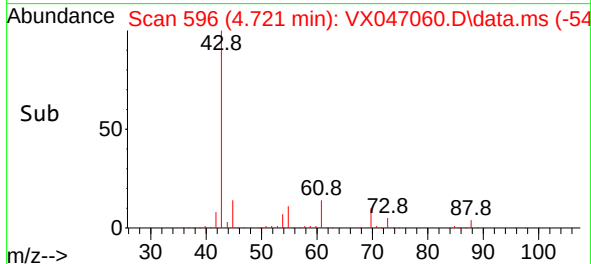
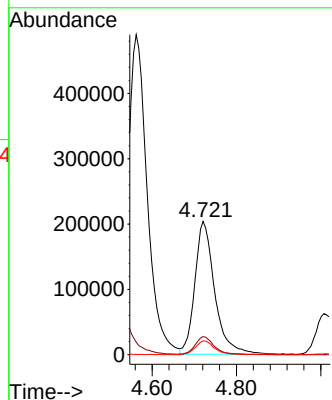
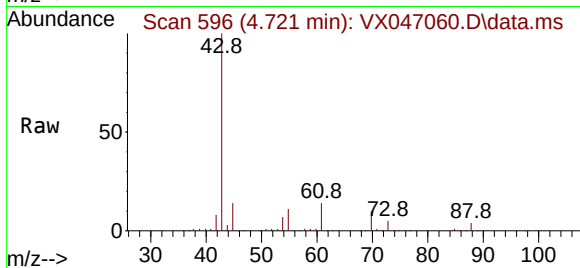
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.2	15.2
70	10.1	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#38

Carbon Tetrachloride

Concen: 144.260 ug/l

RT: 5.690 min Scan# 755

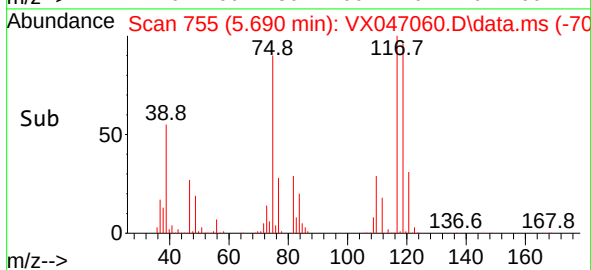
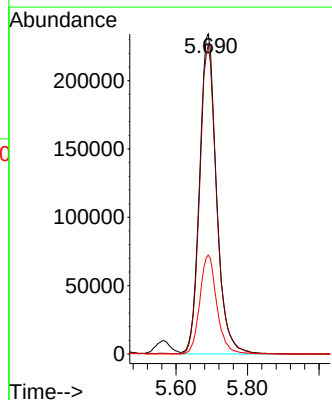
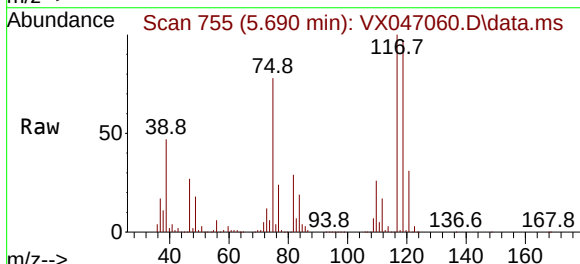
Delta R.T. 0.000 min

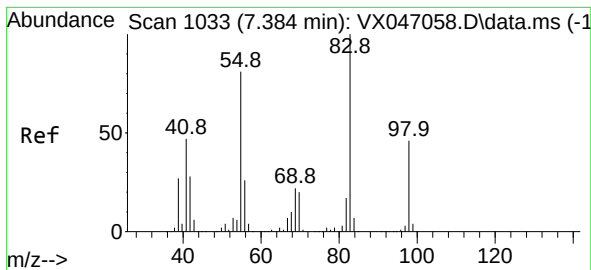
Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Tgt Ion:117 Resp: 771081

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.6	115.0
121	30.9	24.4	36.6





#39

Methylcyclohexane

Concen: 149.137 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 932504

Ion Ratio Lower Upper

83 100

55 79.5 64.5 96.7

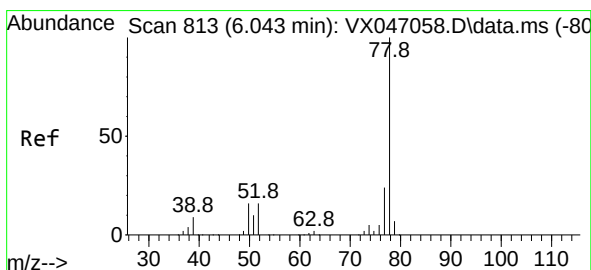
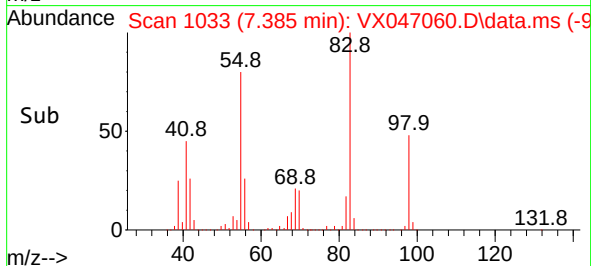
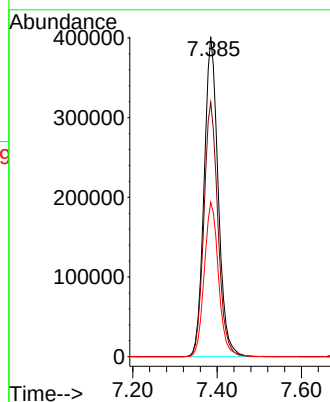
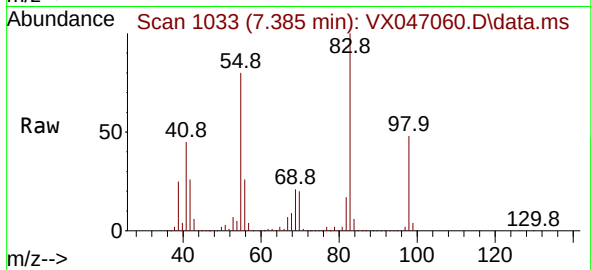
98 48.2 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#40

Benzene

Concen: 145.777 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX047060.D

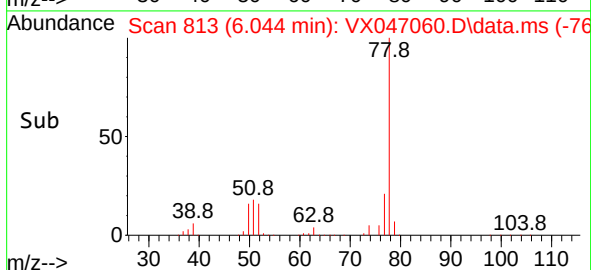
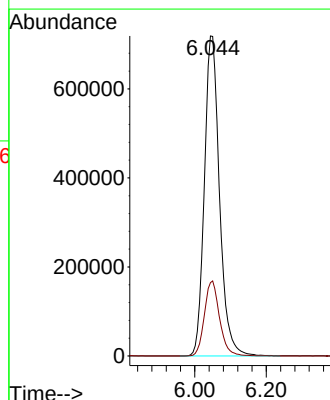
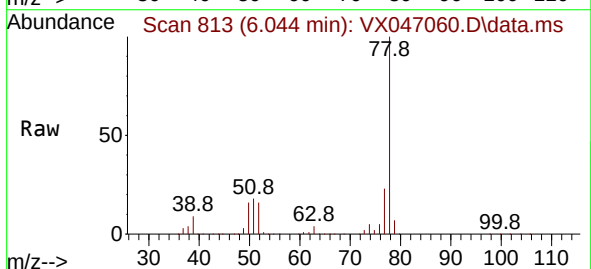
Acq: 21 Jul 2025 11:32

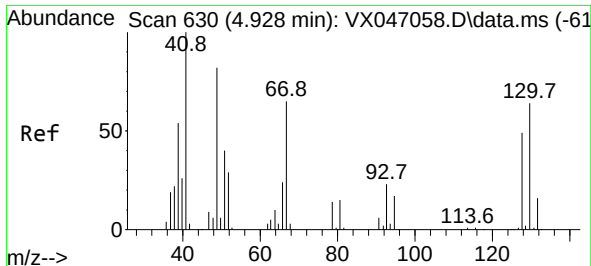
Tgt Ion: 78 Resp: 2112753

Ion Ratio Lower Upper

78 100

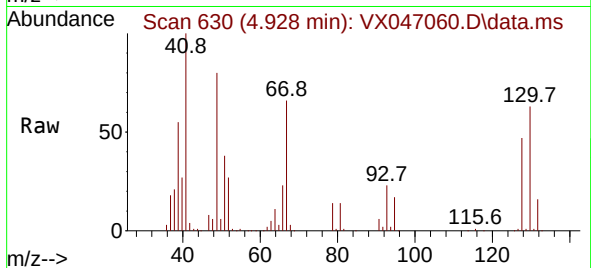
77 22.9 19.0 28.4





#41
Methacrylonitrile
Concen: 154.886 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

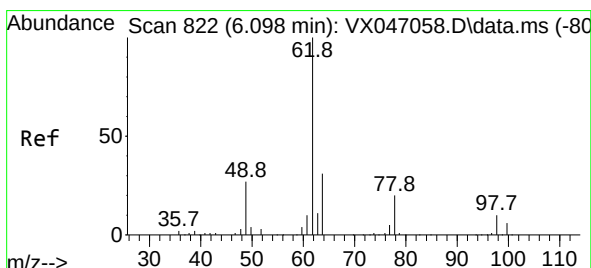
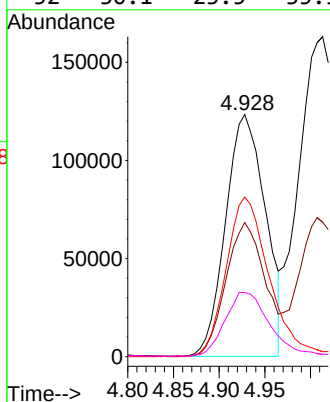
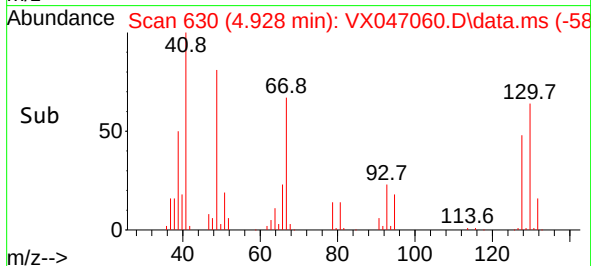
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



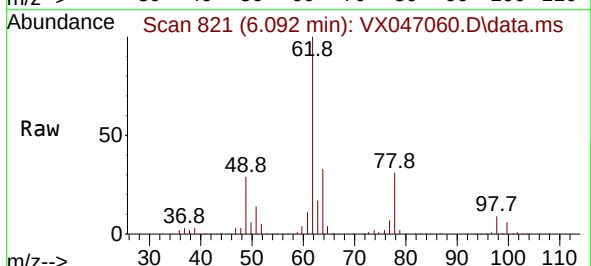
Tgt Ion: 41 Resp: 37371
Ion Ratio Lower Upper
41 100
39 54.1 44.2 66.2
67 72.4 56.4 84.6
52 30.1 23.5 35.3

Manual Integrations
APPROVED

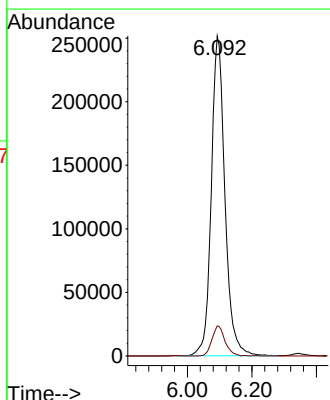
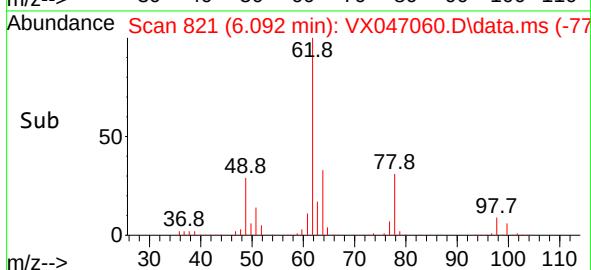
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

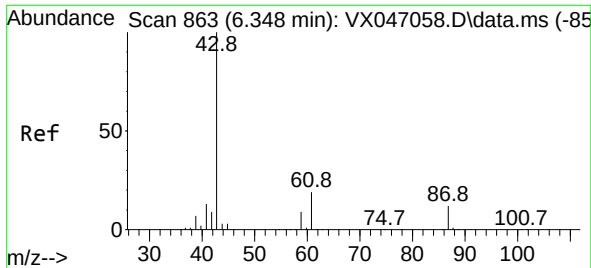


#42
1,2-Dichloroethane
Concen: 144.555 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32



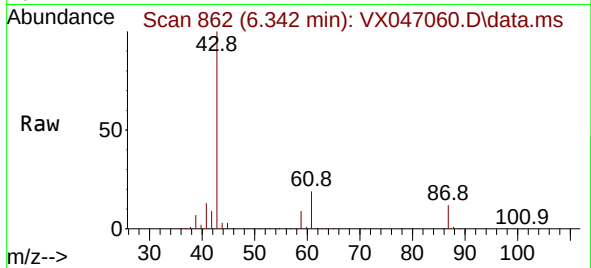
Tgt Ion: 62 Resp: 737991
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.8





#43
Isopropyl Acetate
Concen: 159.182 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

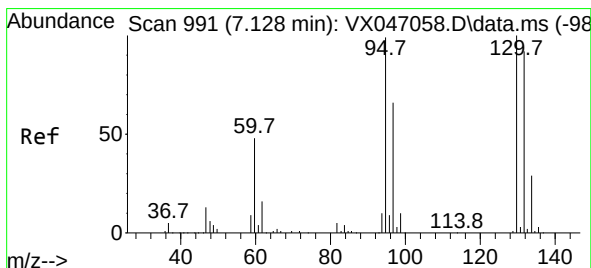
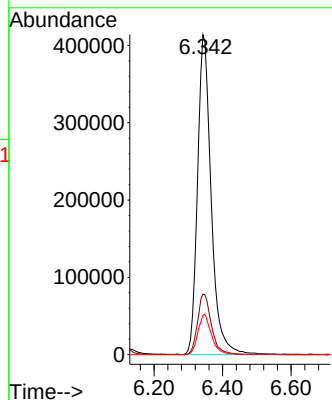
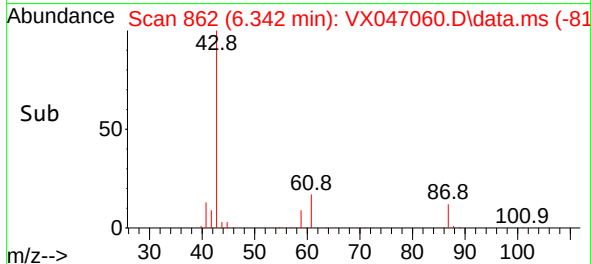
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 114515
Ion Ratio Lower Upper
43 100
61 19.4 15.1 22.7
87 12.5 9.7 14.5

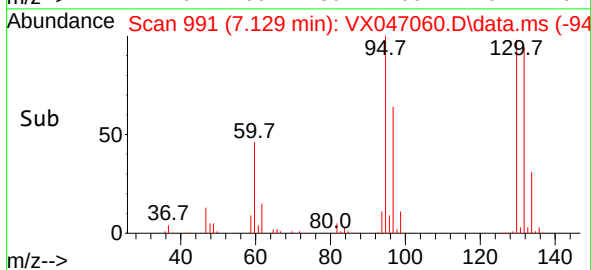
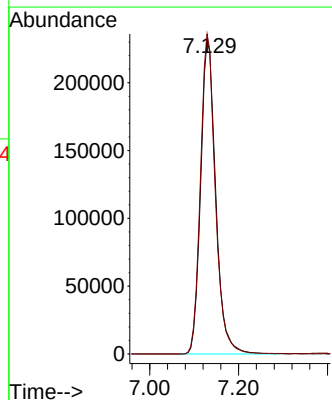
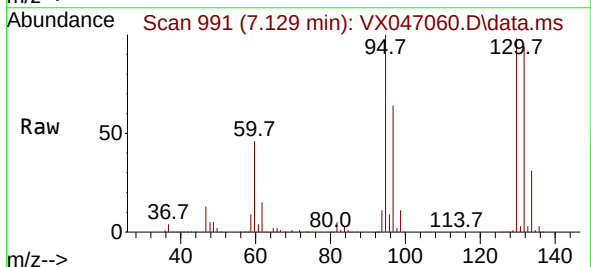
Manual Integrations
APPROVED

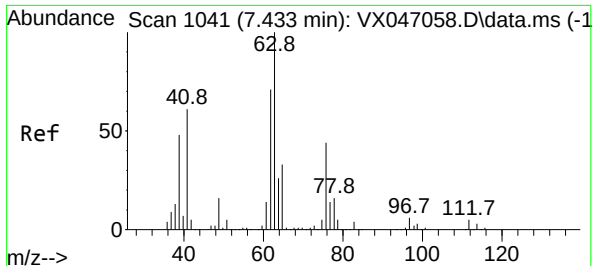
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#44
Trichloroethene
Concen: 147.215 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Tgt Ion:130 Resp: 547123
Ion Ratio Lower Upper
130 100
95 101.8 0.0 198.6





#45

1,2-Dichloropropane

Concen: 145.791 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 529204

Ion Ratio Lower Upper

63 100

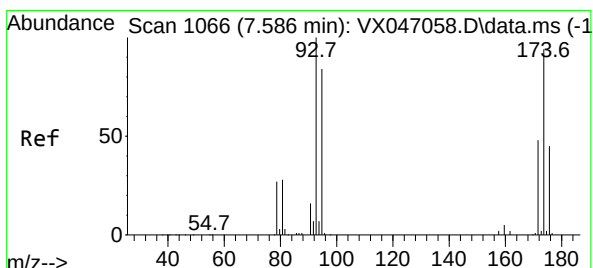
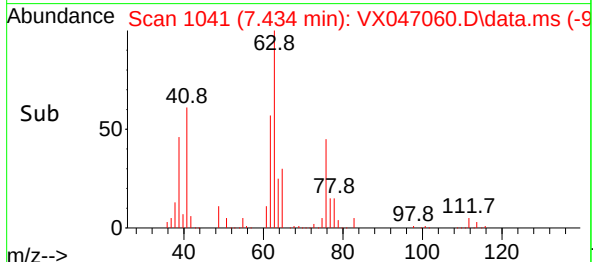
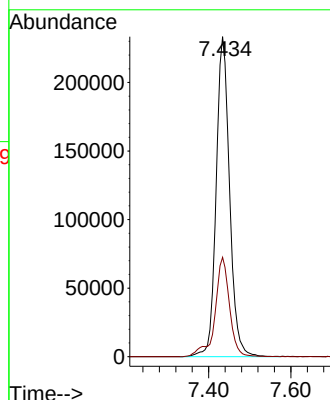
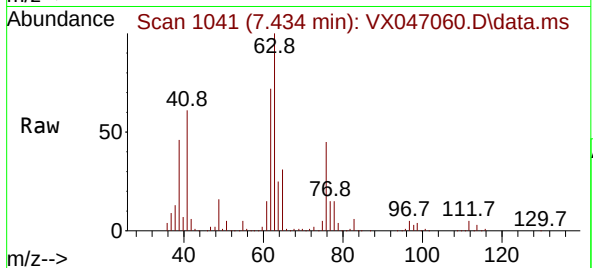
65 31.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#46

Dibromomethane

Concen: 149.938 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

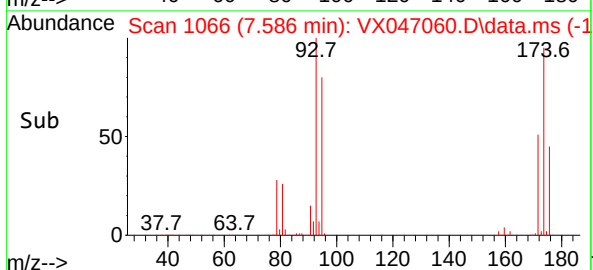
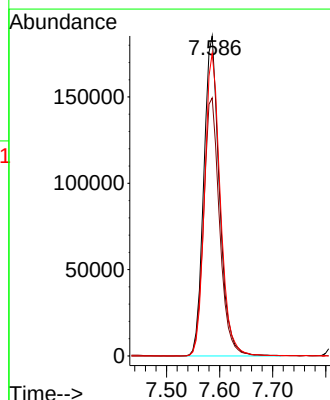
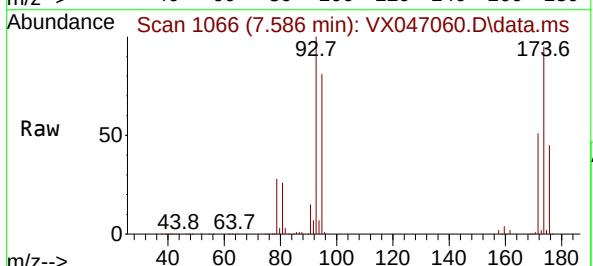
Tgt Ion: 93 Resp: 381666

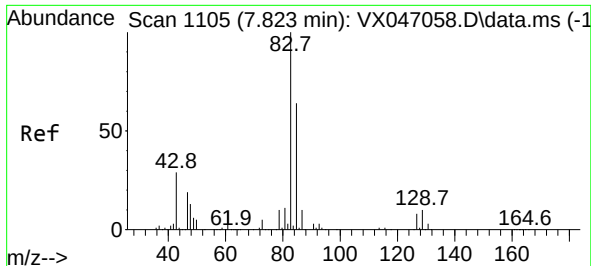
Ion Ratio Lower Upper

93 100

95 81.9 65.9 98.9

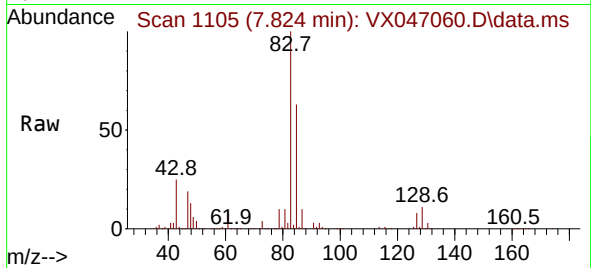
174 94.8 74.6 112.0





#47
Bromodichloromethane
Concen: 146.693 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

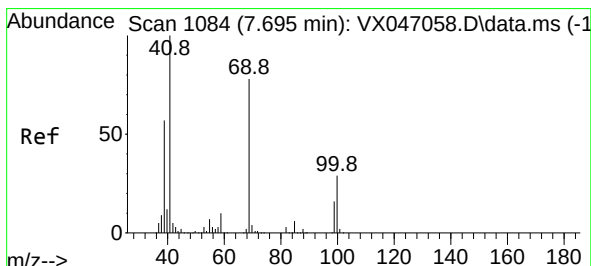
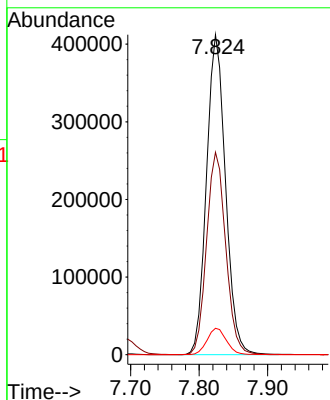
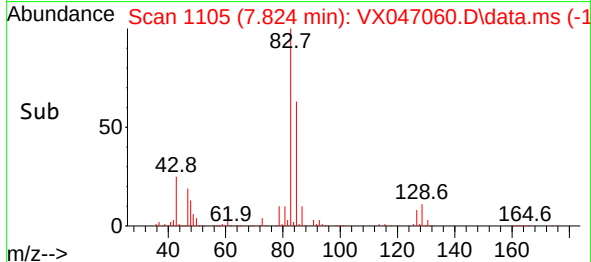
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



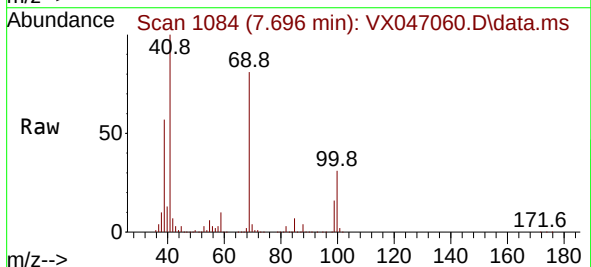
Tgt Ion: 83 Resp: 794793
Ion Ratio Lower Upper
83 100
85 63.2 49.9 74.9
127 8.2 6.6 10.0

Manual Integrations
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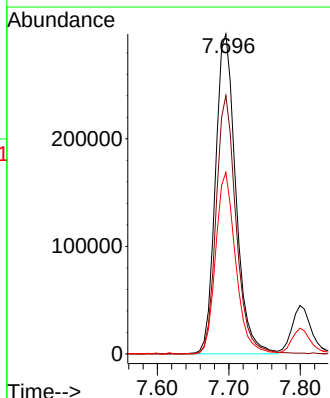
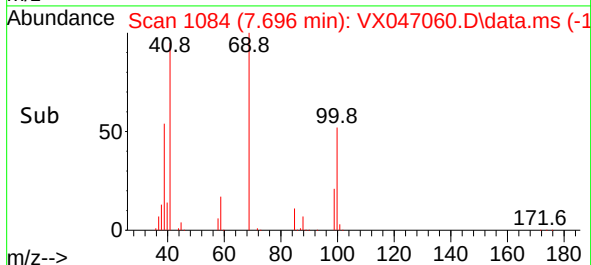
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

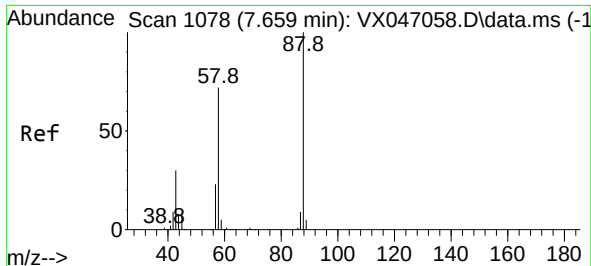


#48
Methyl methacrylate
Concen: 150.339 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32



Tgt Ion: 41 Resp: 589190
Ion Ratio Lower Upper
41 100
69 79.1 62.3 93.5
39 55.7 44.8 67.2





#49

1,4-Dioxane

Concen: 3173.881 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.007 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

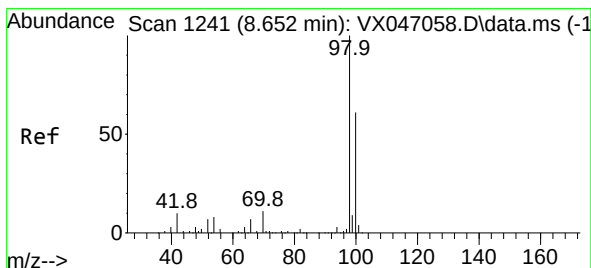
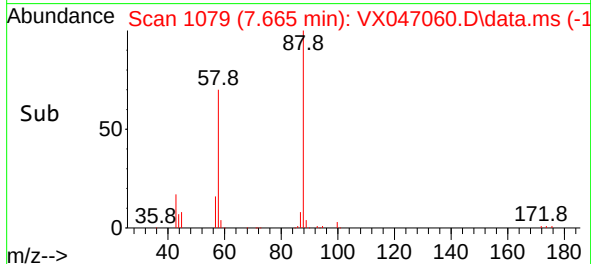
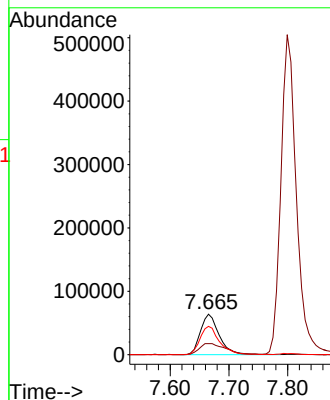
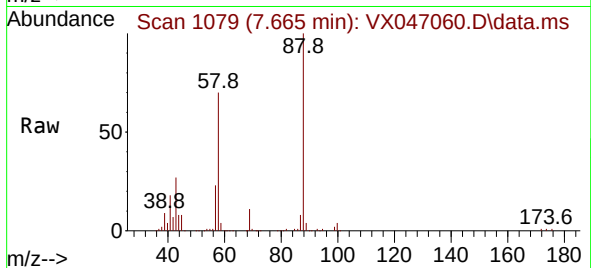
Tgt Ion: 88 Resp: 141473
 Ion Ratio Lower Upper
 88 100
 43 37.9 33.6 50.4
 58 72.9 58.8 88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#50

Toluene-d8

Concen: 152.197 ug/l

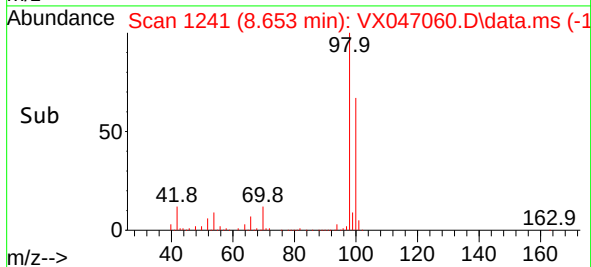
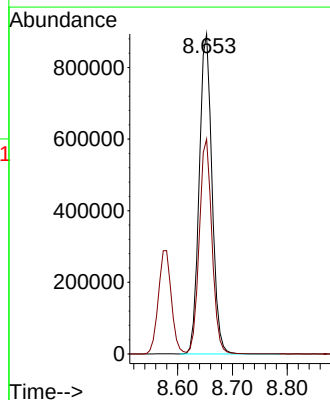
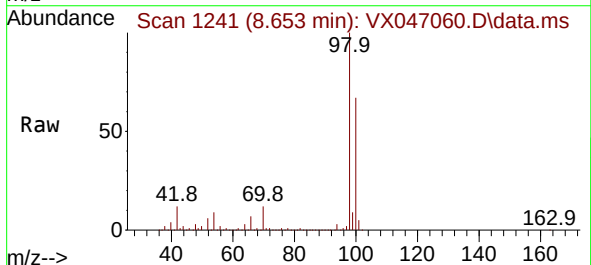
RT: 8.653 min Scan# 1241

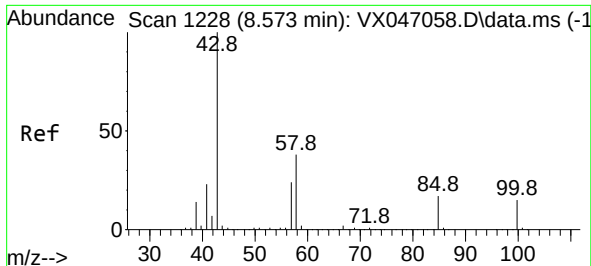
Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Tgt Ion: 98 Resp: 1448057
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.3 79.9





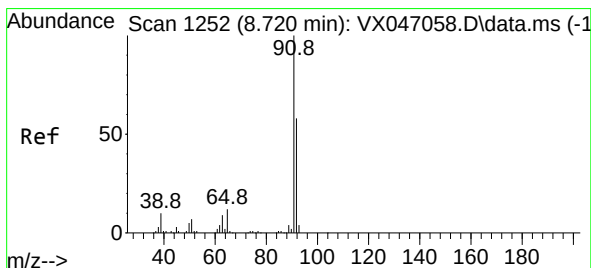
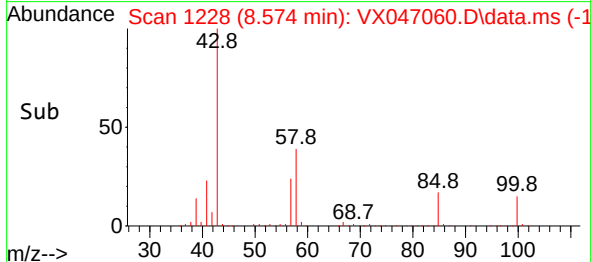
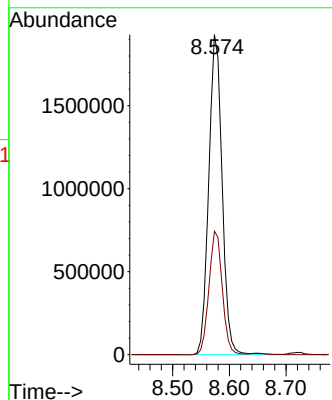
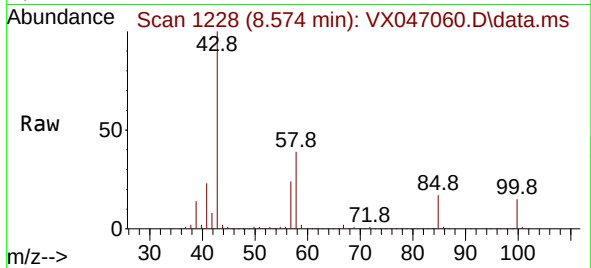
#51
4-Methyl-2-Pentanone
Concen: 735.203 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 3143740
Ion Ratio Lower Upper
43 100
58 38.5 30.6 45.8

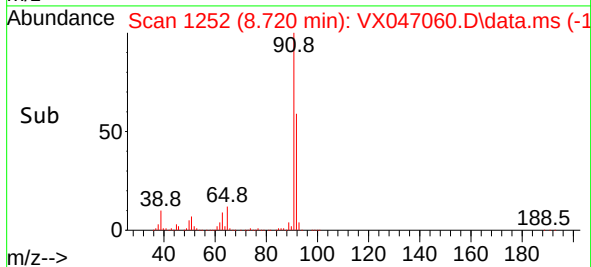
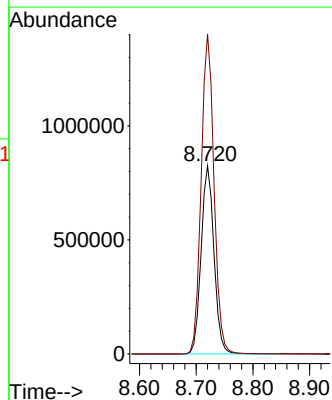
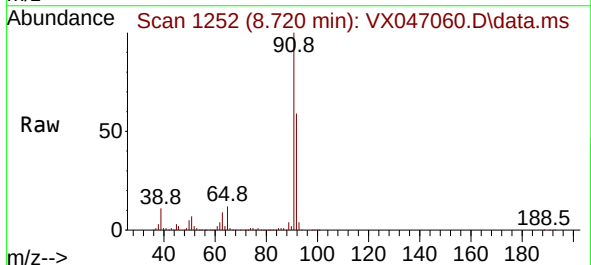
Manual Integrations
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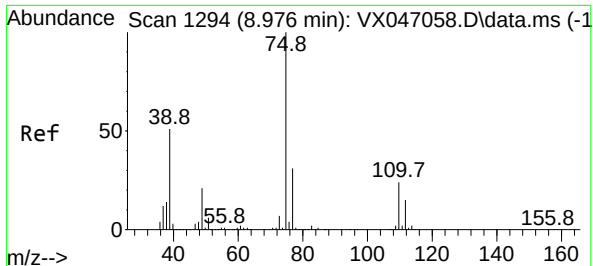
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#52
Toluene
Concen: 145.703 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Tgt Ion: 92 Resp: 1298426
Ion Ratio Lower Upper
92 100
91 169.8 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 156.884 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 802670

Ion Ratio Lower Upper

75 100

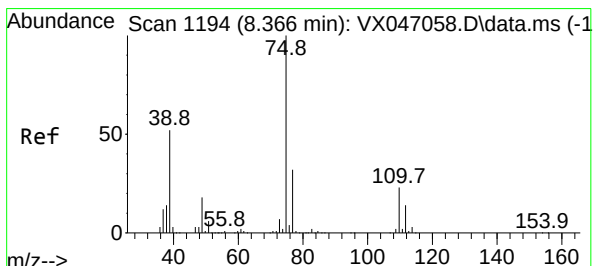
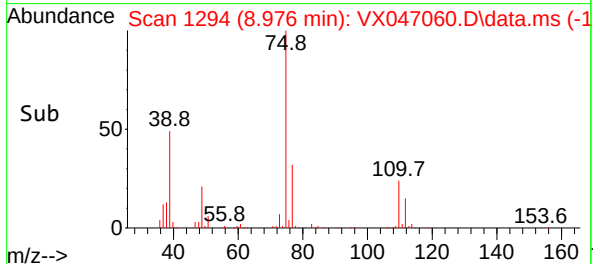
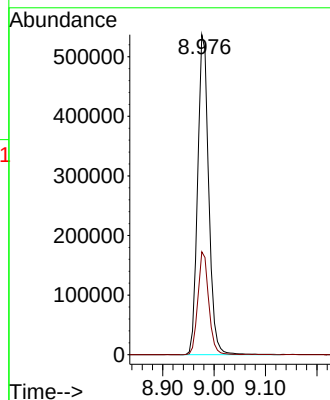
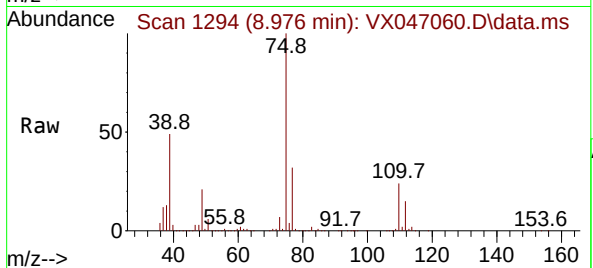
77 32.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#54

cis-1,3-Dichloropropene

Concen: 156.442 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

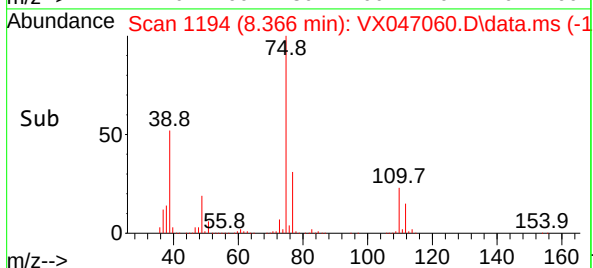
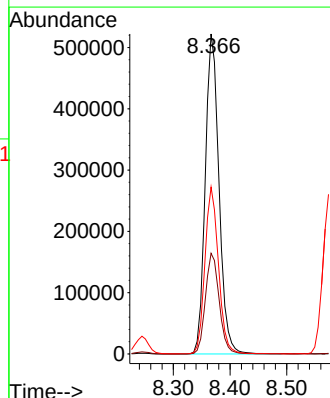
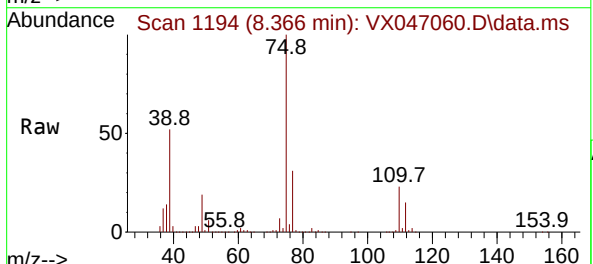
Tgt Ion: 75 Resp: 876033

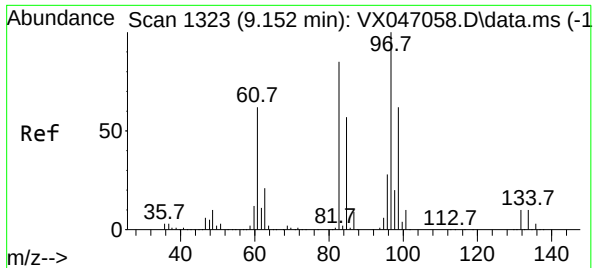
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

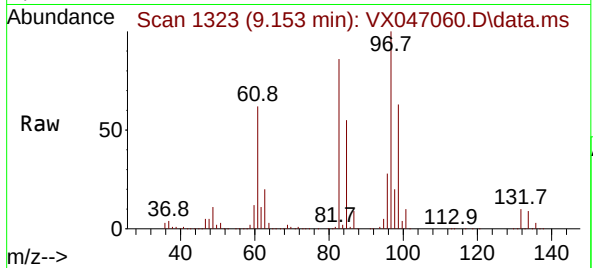
39 52.1 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 143.101 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

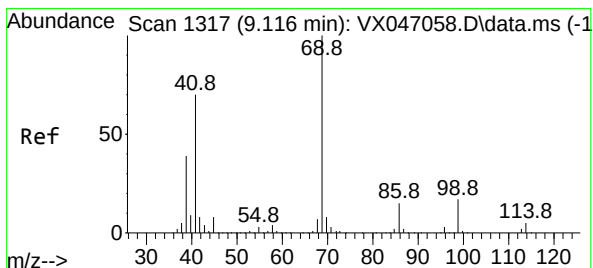
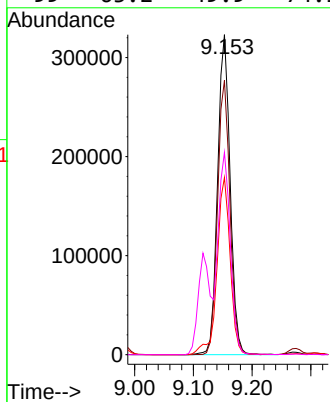
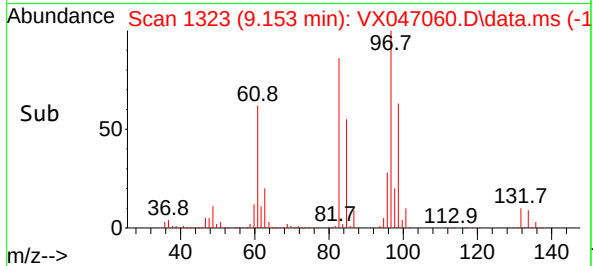
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



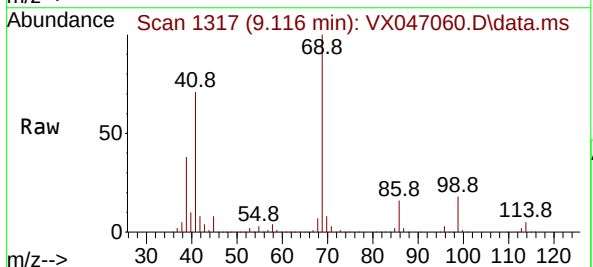
Tgt Ion: 97 Resp: 47824
Ion Ratio Lower Upper
97 100
83 85.7 68.0 102.0
85 55.4 45.2 67.8
99 63.2 49.9 74.9

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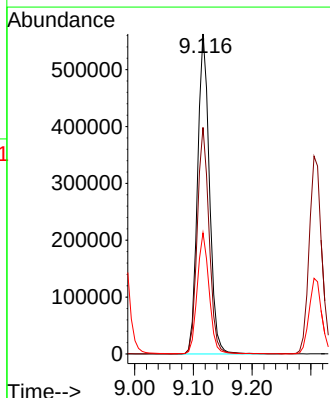
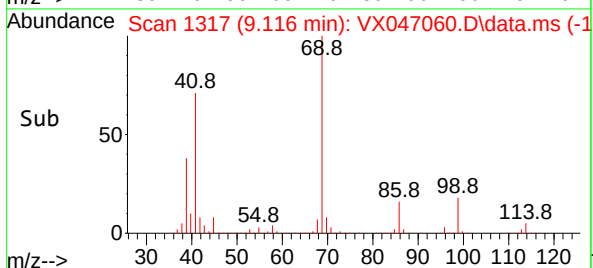
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

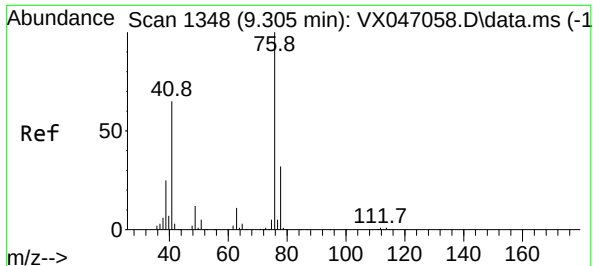


#56
Ethyl methacrylate
Concen: 160.053 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32



Tgt Ion: 69 Resp: 791875
Ion Ratio Lower Upper
69 100
41 70.6 56.1 84.1
39 37.6 31.1 46.7





#57

1,3-Dichloropropane

Concen: 141.802 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 82363

Ion Ratio Lower Upper

76 100

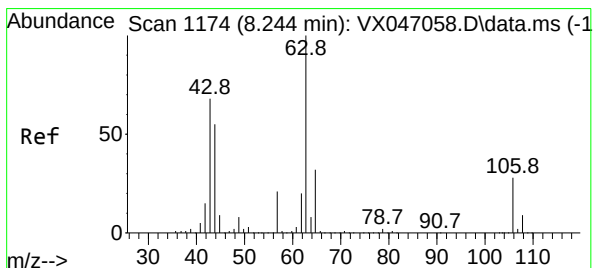
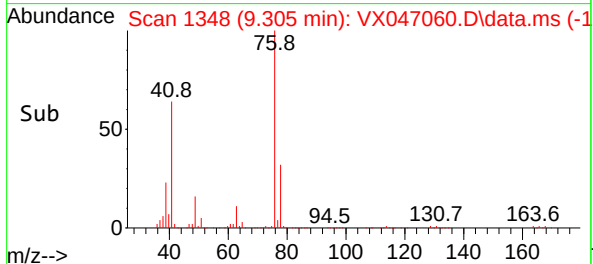
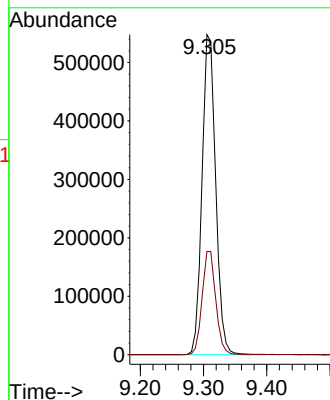
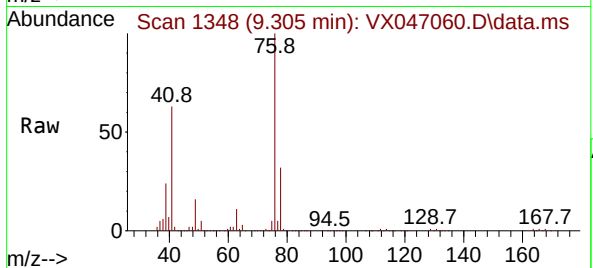
78 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#58

2-Chloroethyl Vinyl ether

Concen: 770.350 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047060.D

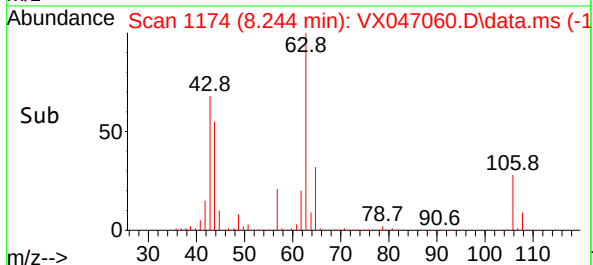
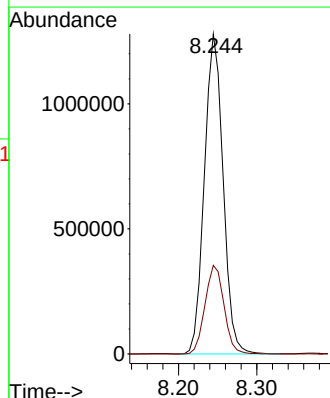
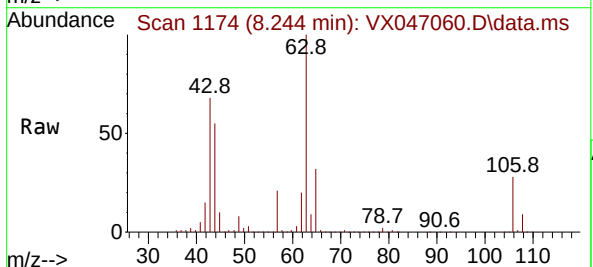
Acq: 21 Jul 2025 11:32

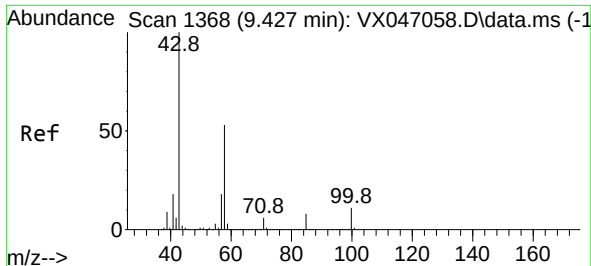
Tgt Ion: 63 Resp: 2120903

Ion Ratio Lower Upper

63 100

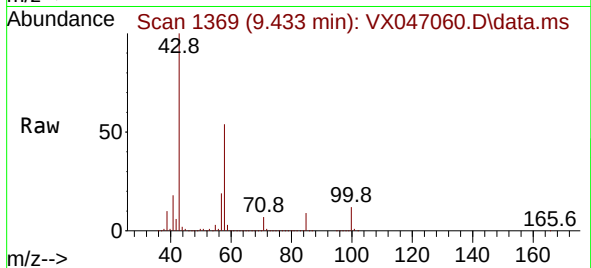
106 28.1 22.2 33.4





#59
2-Hexanone
Concen: 769.096 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.007 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

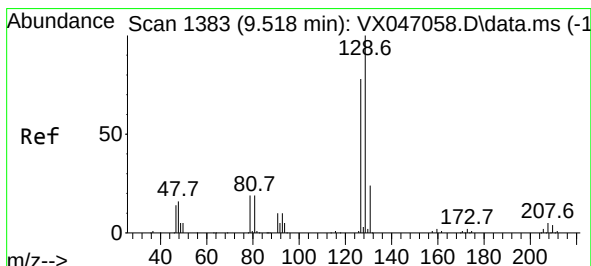
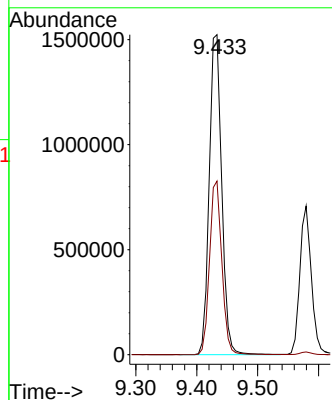
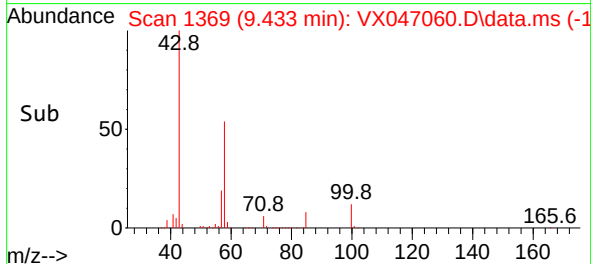
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 2172764
Ion Ratio Lower Upper
43 100
58 53.5 26.5 79.5

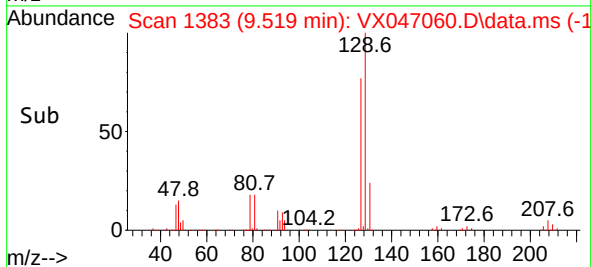
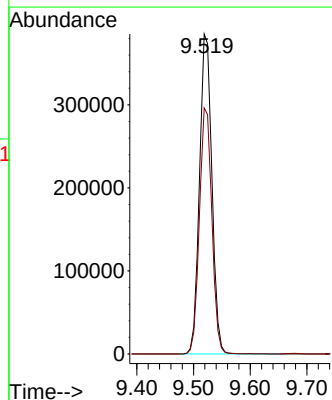
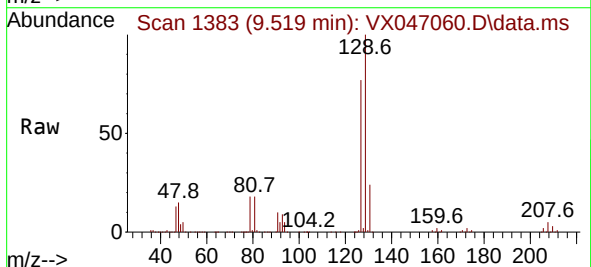
Manual Integrations
APPROVED

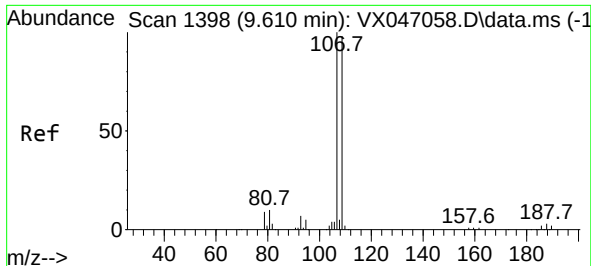
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#60
Dibromochloromethane
Concen: 148.786 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

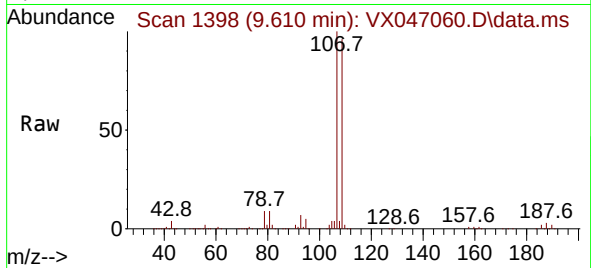
Tgt Ion:129 Resp: 583183
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 143.366 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

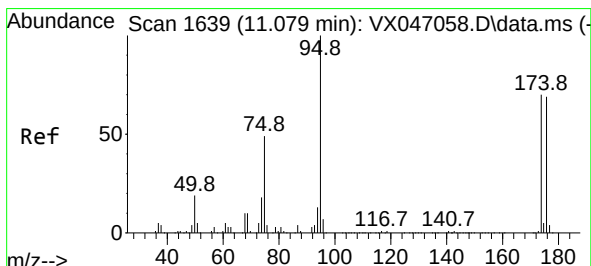
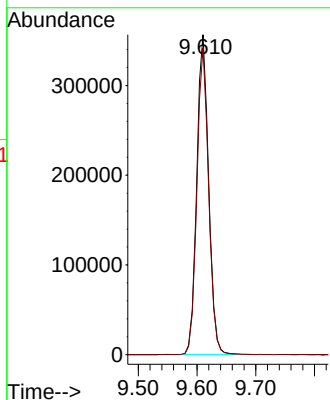
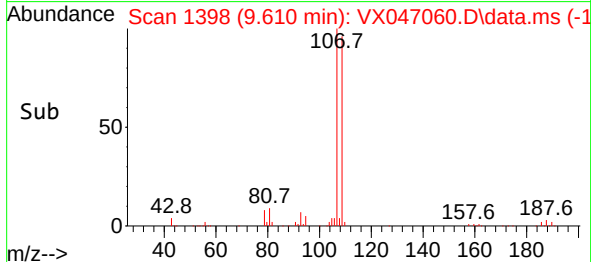
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



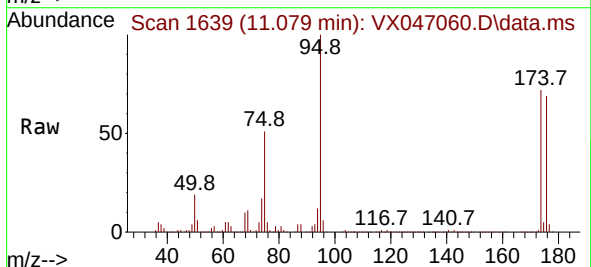
Tgt Ion:107 Resp: 50099
Ion Ratio Lower Upper
107 100
109 94.7 74.6 112.0

Manual Integrations
APPROVED

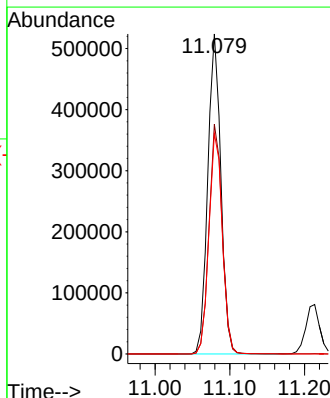
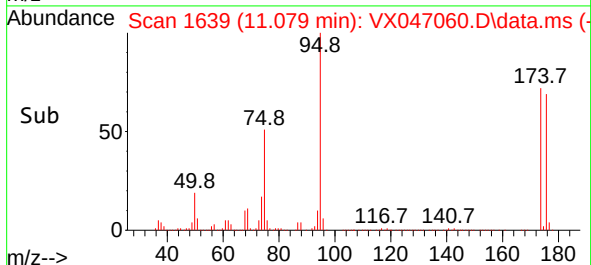
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

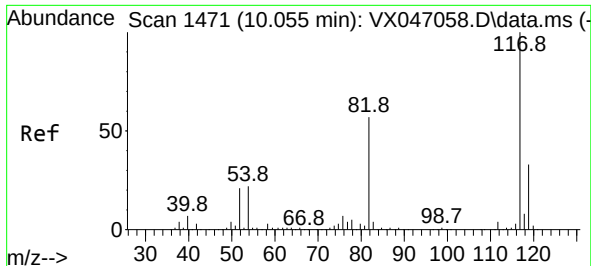


#62
4-Bromofluorobenzene
Concen: 154.987 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32



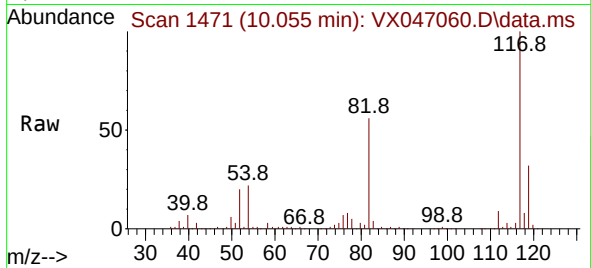
Tgt Ion: 95 Resp: 635473
Ion Ratio Lower Upper
95 100
174 72.8 0.0 144.6
176 70.6 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

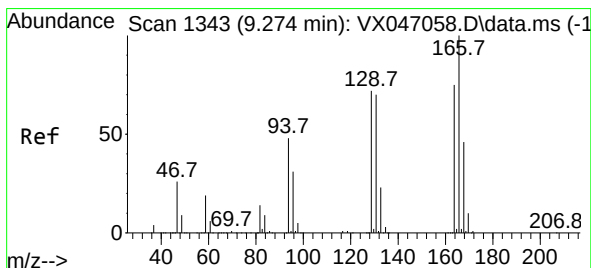
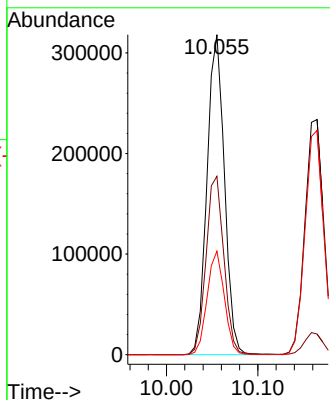
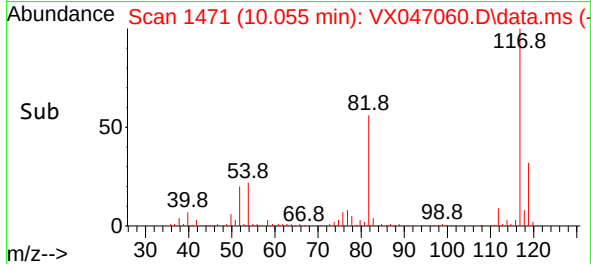
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 420817
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.2
119 32.3 26.1 39.1

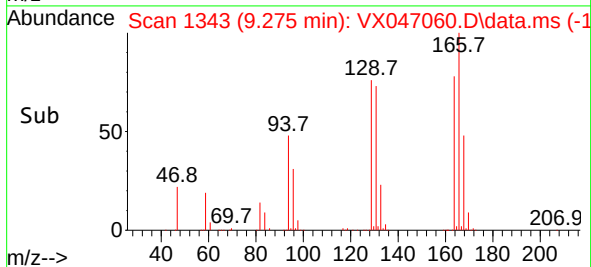
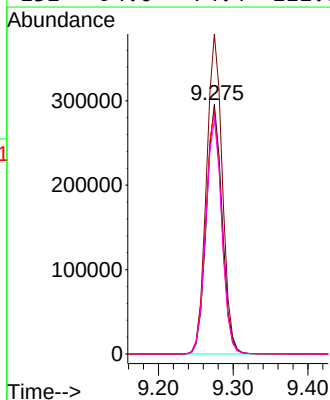
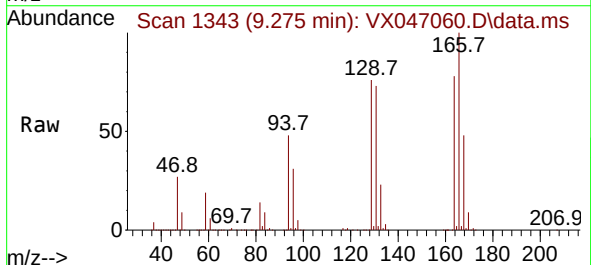
Manual Integrations
APPROVED

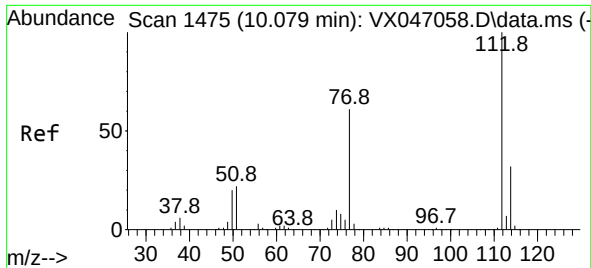
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#64
Tetrachloroethene
Concen: 142.999 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Tgt Ion:164 Resp: 433805
Ion Ratio Lower Upper
164 100
166 128.3 106.2 159.4
129 97.6 76.6 114.8
131 94.0 74.4 111.6





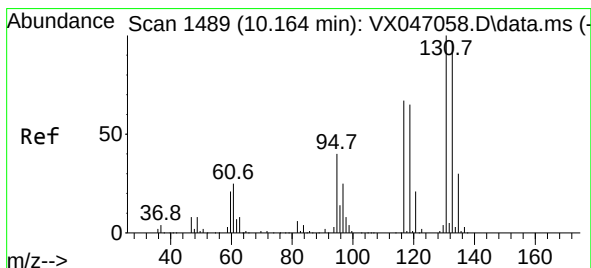
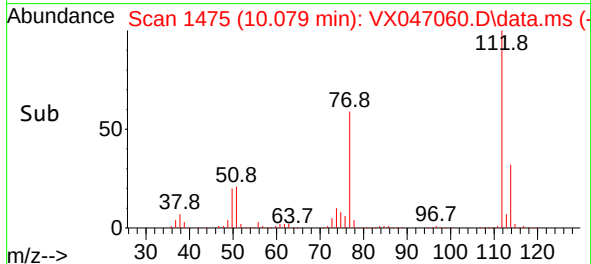
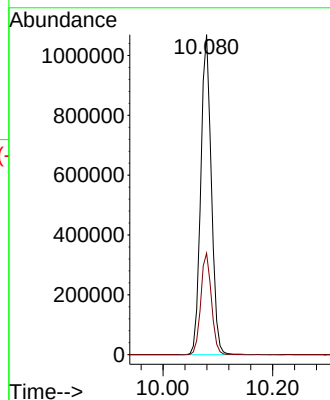
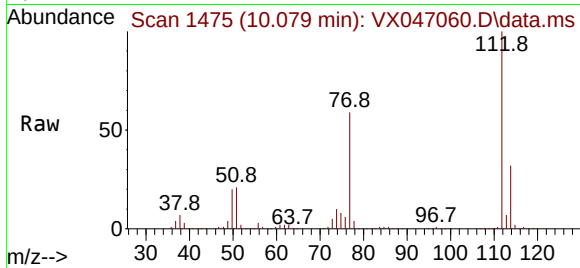
#65
Chlorobenzene
Concen: 145.306 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 143248
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6

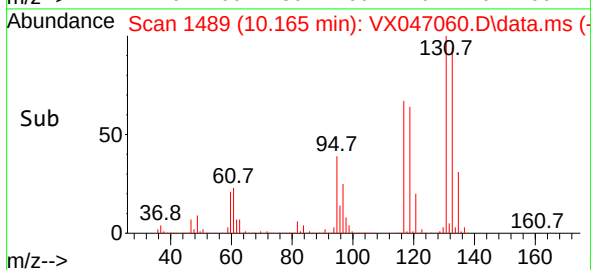
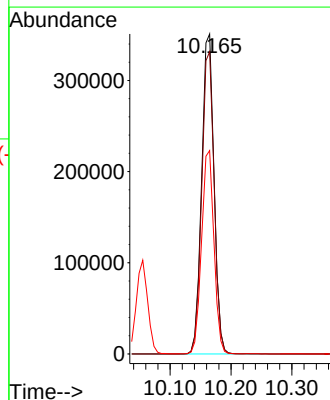
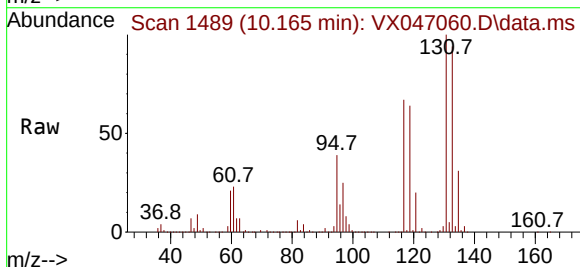
Manual Integrations
APPROVED

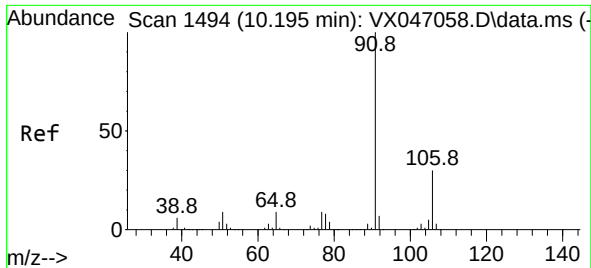
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 149.242 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

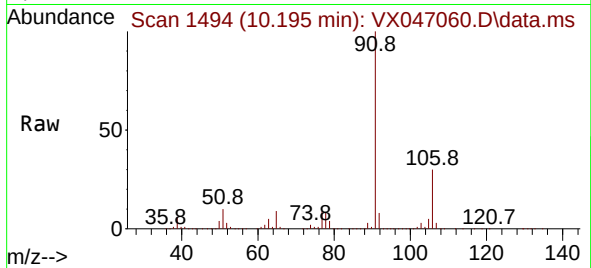
Tgt Ion:131 Resp: 495347
Ion Ratio Lower Upper
131 100
133 94.9 48.4 145.3
119 63.9 32.4 97.0





#67
Ethyl Benzene
Concen: 145.559 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

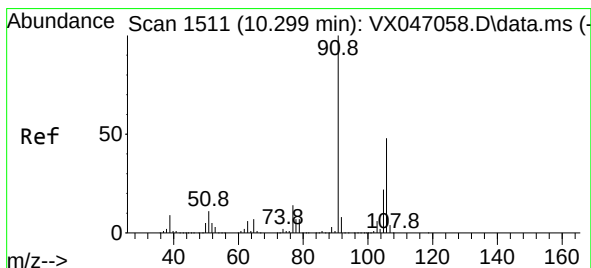
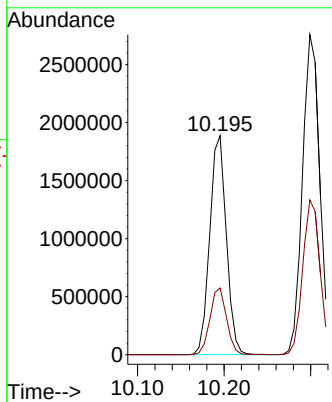
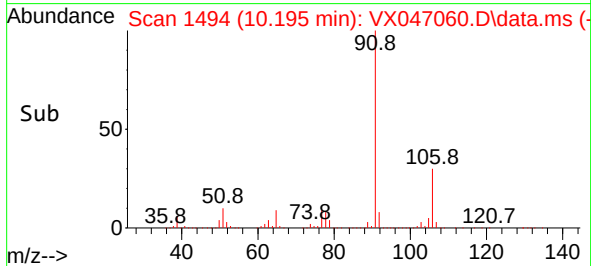
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 2508990
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4

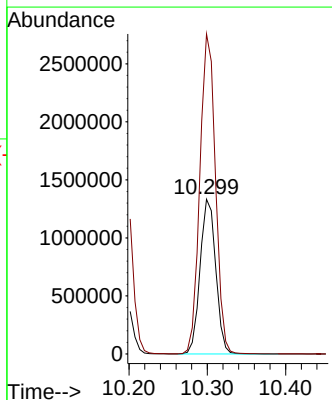
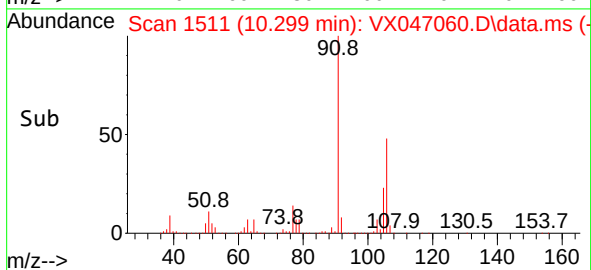
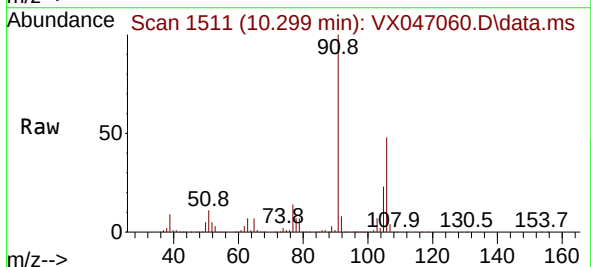
Manual Integrations
APPROVED

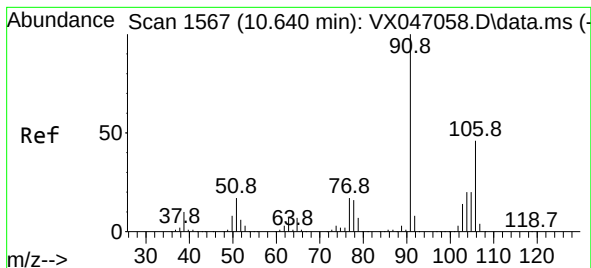
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#68
m/p-Xylenes
Concen: 286.495 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

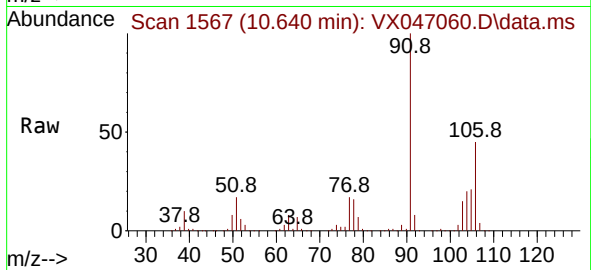
Tgt Ion:106 Resp: 1848008
Ion Ratio Lower Upper
106 100
91 206.7 167.4 251.0





#69
o-Xylene
Concen: 146.292 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

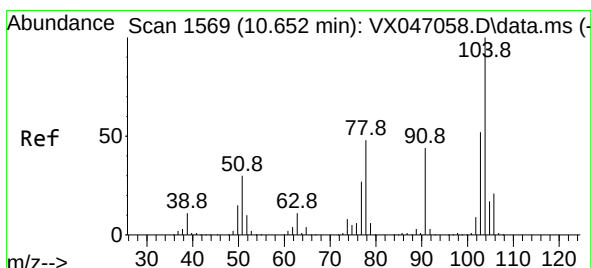
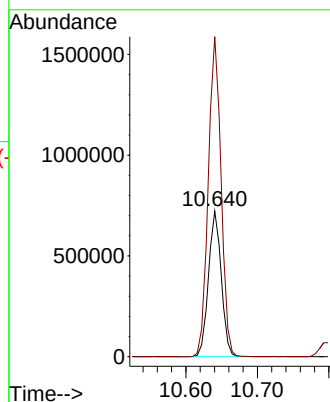
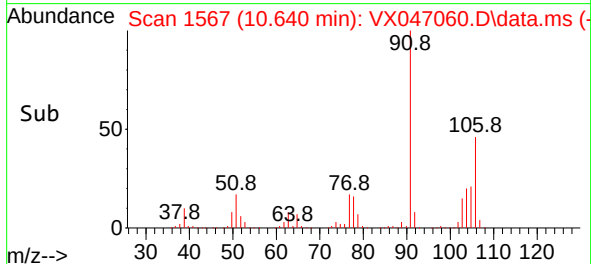
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:106 Resp: 897705
Ion Ratio Lower Upper
106 100
91 220.4 110.3 331.0

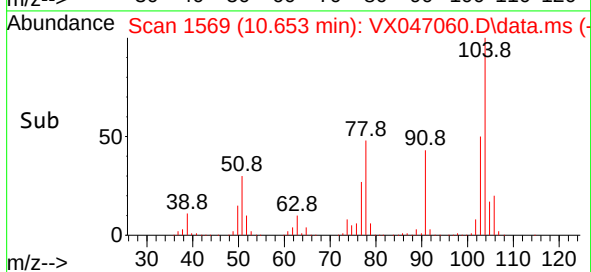
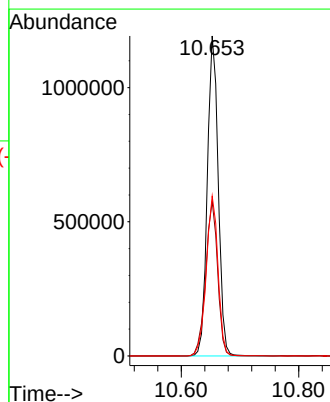
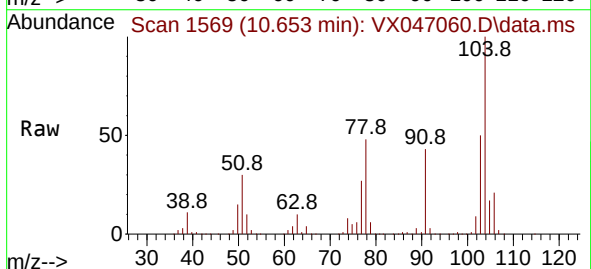
Manual Integrations
APPROVED

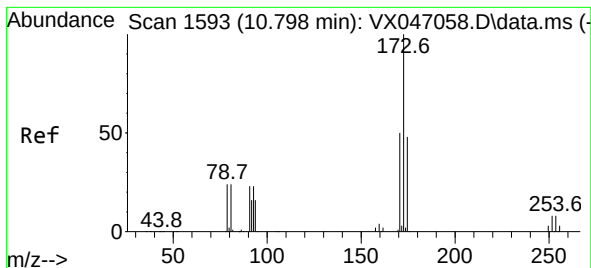
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#70
Styrene
Concen: 146.214 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Tgt Ion:104 Resp: 1538516
Ion Ratio Lower Upper
104 100
78 53.1 42.0 63.0
103 54.3 43.8 65.6





#71

Bromoform

Concen: 149.877 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:173 Resp: 37788

Ion Ratio Lower Upper

173 100

175 48.3 24.2 72.6

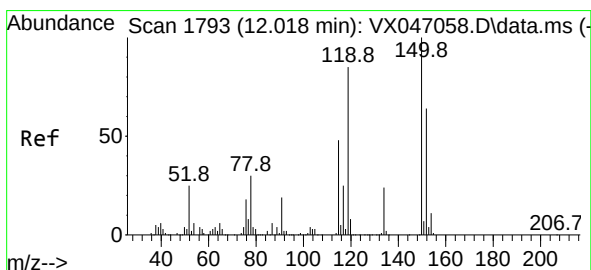
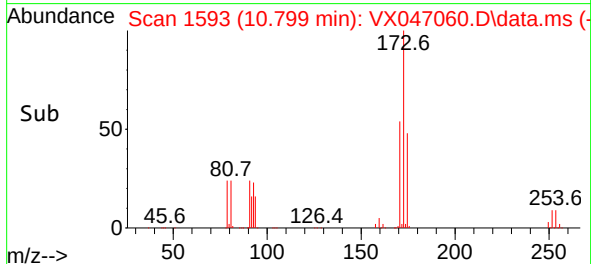
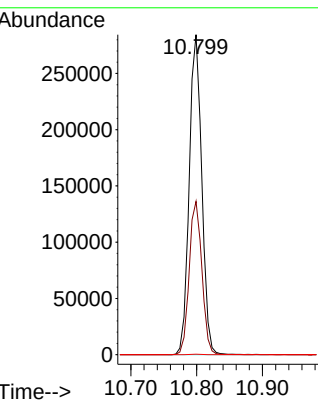
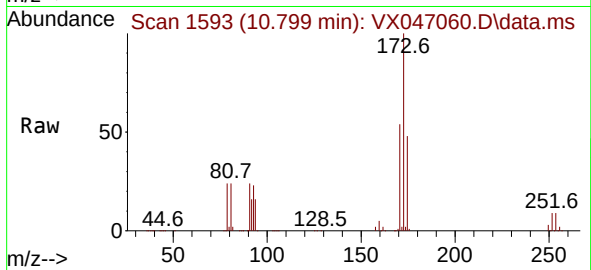
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

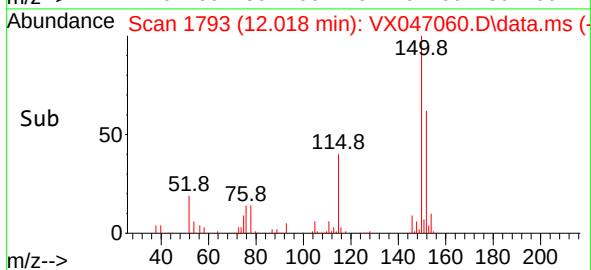
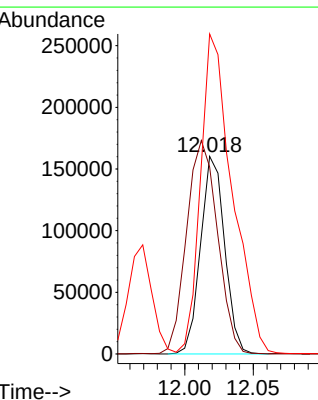
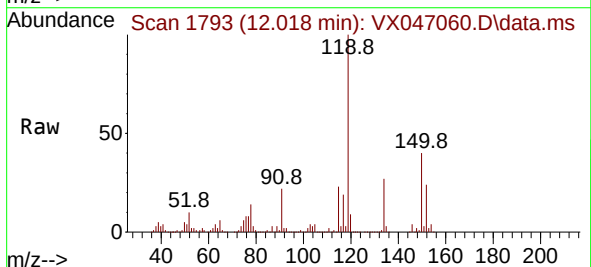
Tgt Ion:152 Resp: 196123

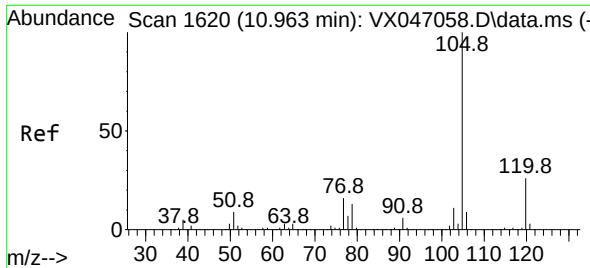
Ion Ratio Lower Upper

152 100

115 139.4 45.6 136.7#

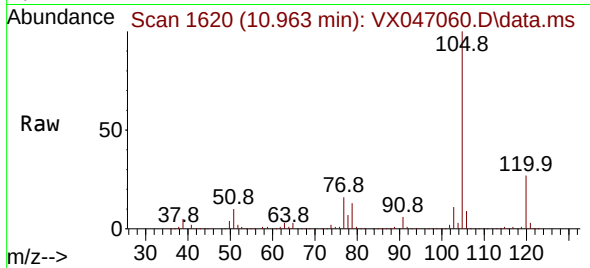
150 213.4 0.0 354.6





#73
Isopropylbenzene
Concen: 151.299 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

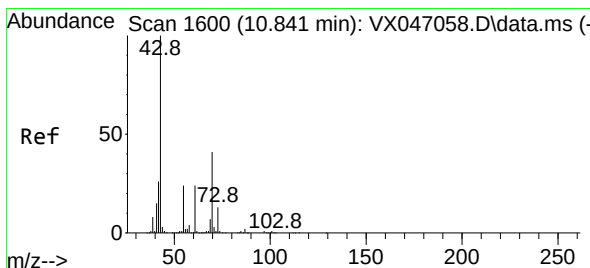
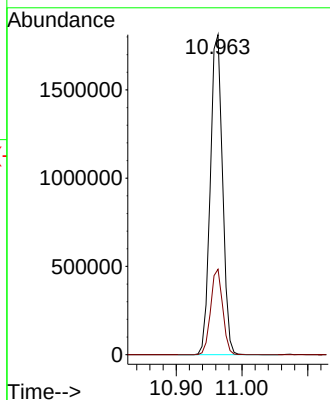
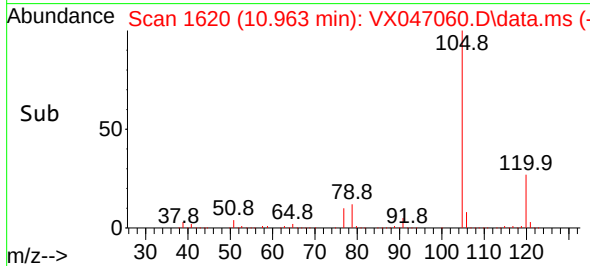
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:105 Resp: 2341028
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.7

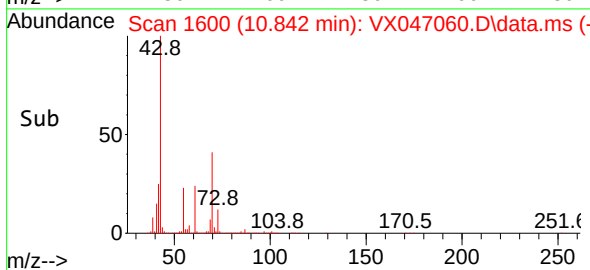
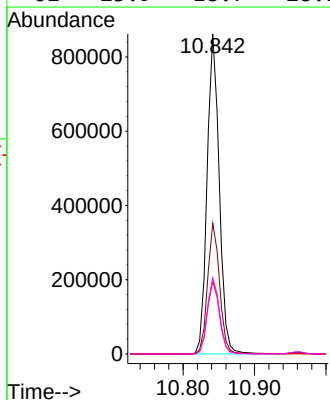
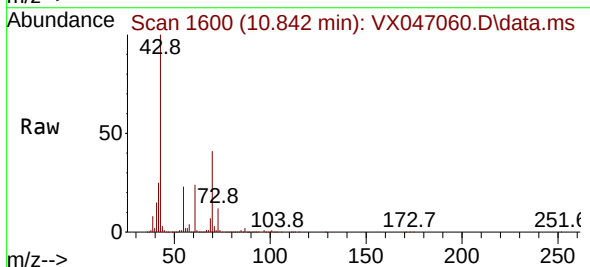
Manual Integrations
APPROVED

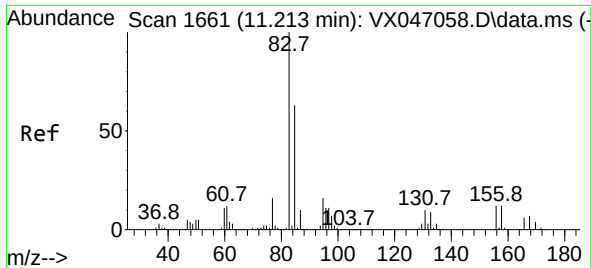
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#74
N-ethyl acetate
Concen: 164.856 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

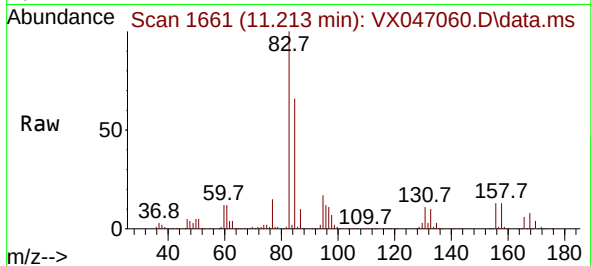
Tgt Ion: 43 Resp: 1017450
Ion Ratio Lower Upper
43 100
70 40.3 32.3 48.5
55 23.1 18.9 28.3
61 23.9 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 146.858 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

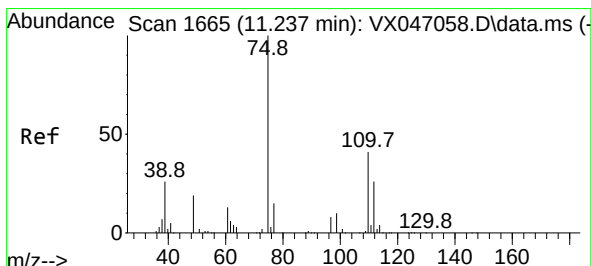
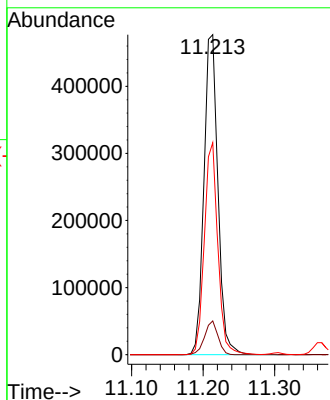
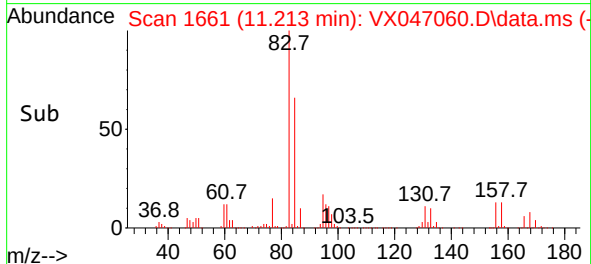
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 649083
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 63.9 32.0 96.2

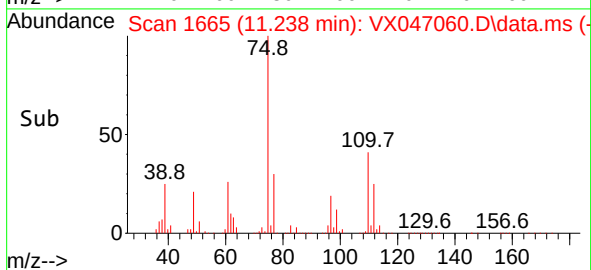
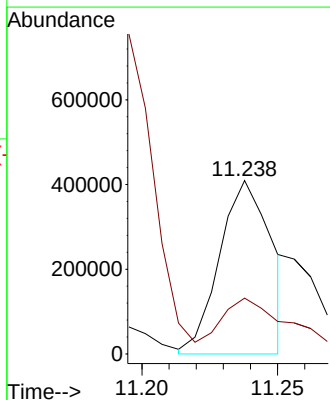
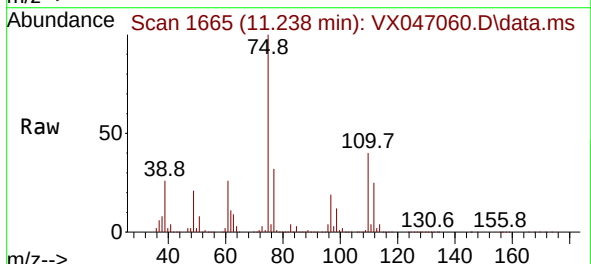
Manual Integrations
APPROVED

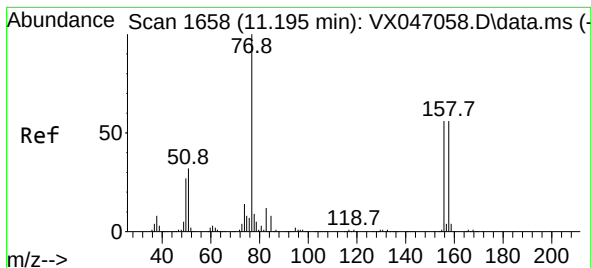
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#76
1,2,3-Trichloropropane
Concen: 149.549 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Tgt Ion: 75 Resp: 542883
Ion Ratio Lower Upper
75 100
77 43.5 21.6 65.0





#77

Bromobenzene

Concen: 149.806 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 555960

Ion Ratio Lower Upper

156 100

77 172.6 87.3 261.9

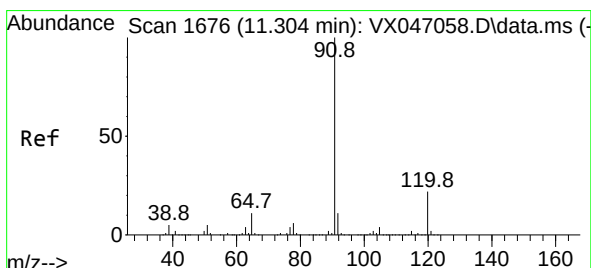
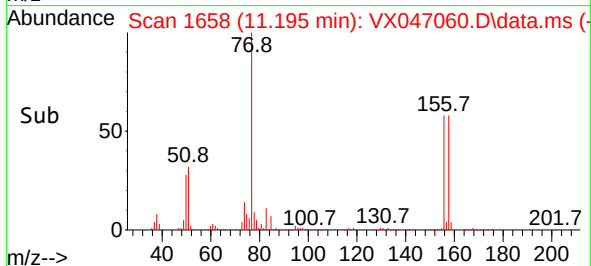
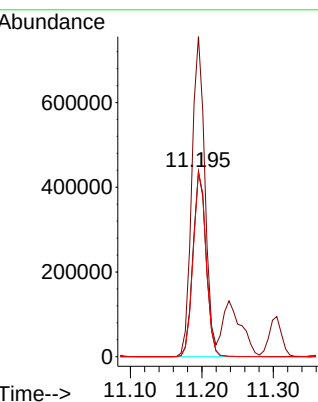
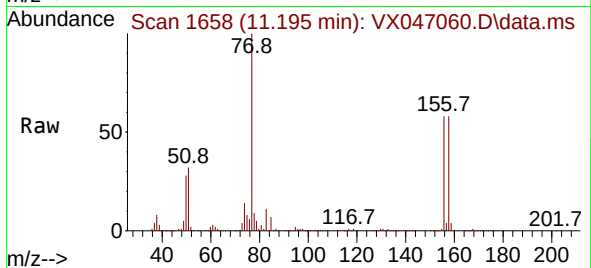
158 99.3 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#78

n-propylbenzene

Concen: 150.924 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX047060.D

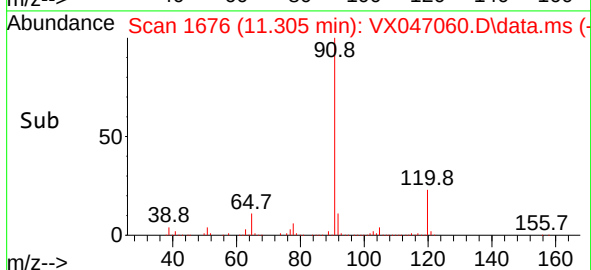
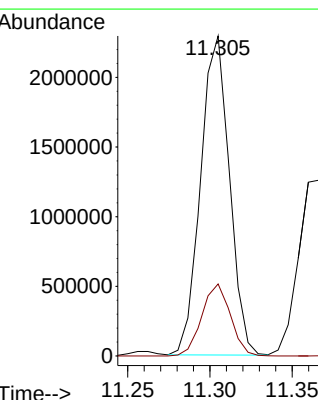
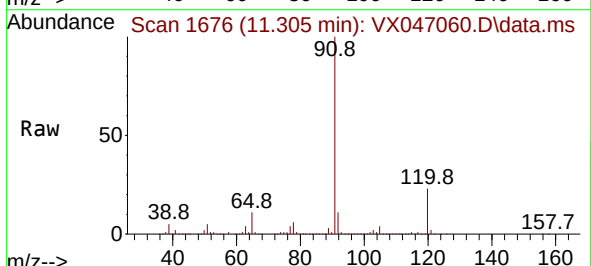
Acq: 21 Jul 2025 11:32

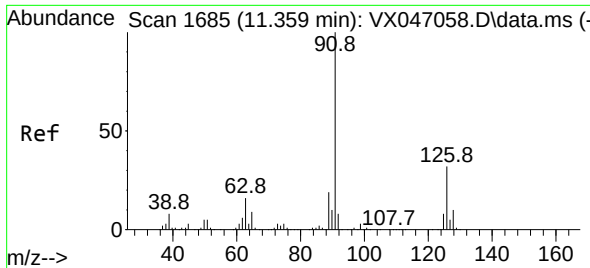
Tgt Ion: 91 Resp: 2790577

Ion Ratio Lower Upper

91 100

120 22.4 11.0 33.0





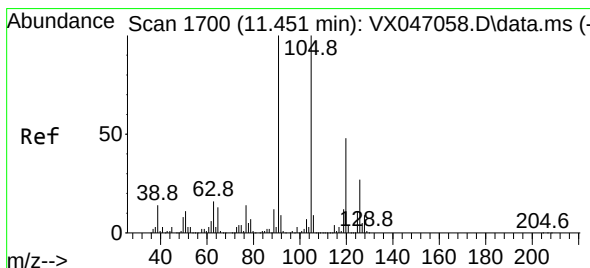
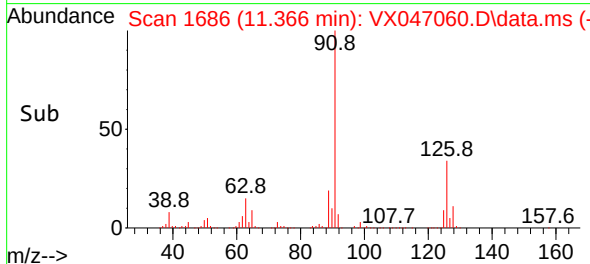
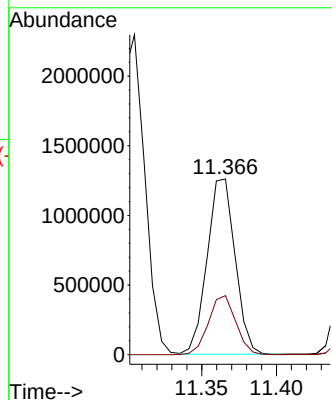
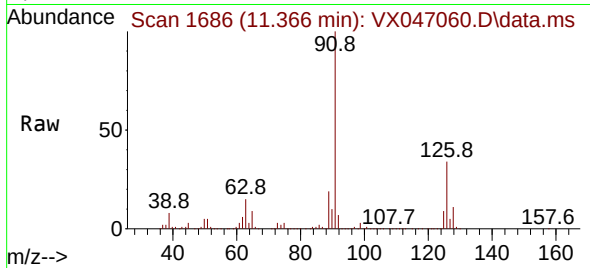
#79
2-Chlorotoluene
Concen: 148.487 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.007 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1641174
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4

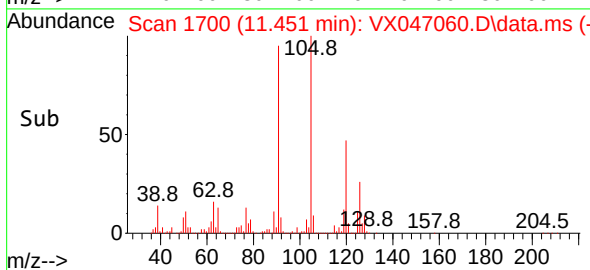
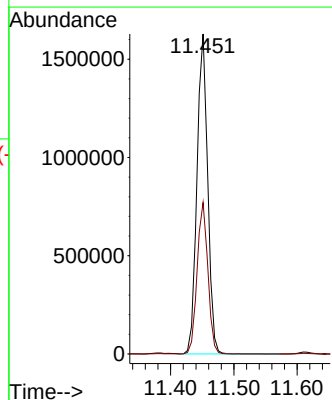
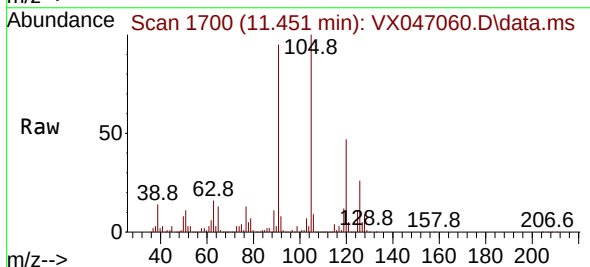
Manual Integrations
APPROVED

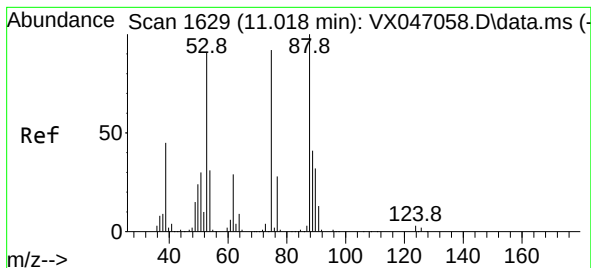
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 150.280 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Tgt Ion:105 Resp: 1921023
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.5





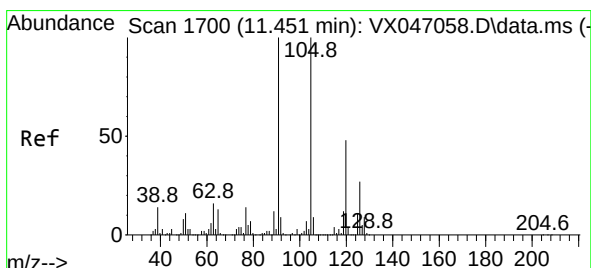
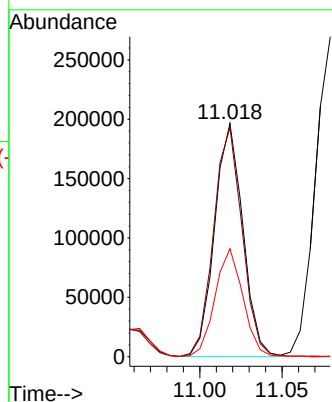
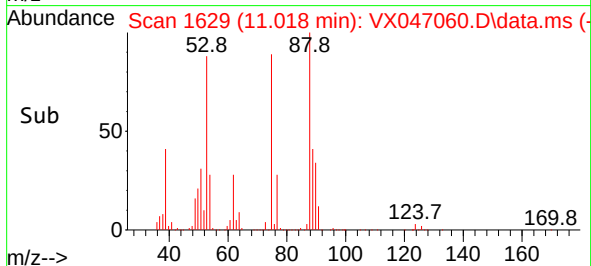
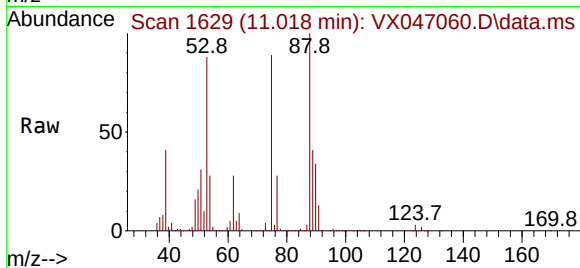
#81
trans-1,4-Dichloro-2-butene
Concen: 166.150 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 23410
Ion Ratio Lower Upper
75 100
53 99.1 84.2 126.4
89 45.9 36.0 54.0

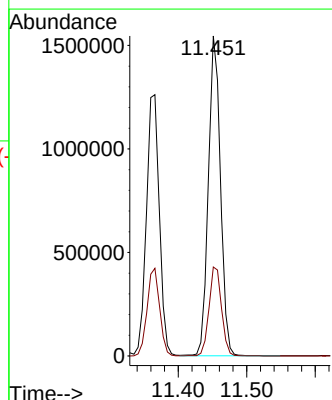
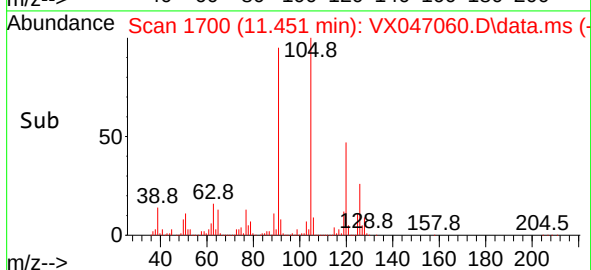
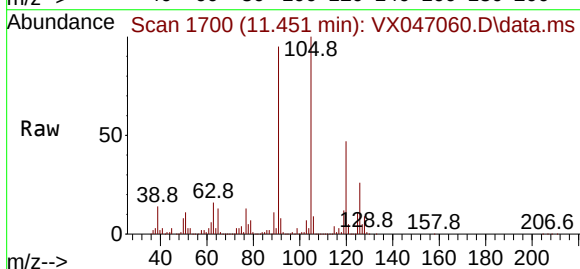
Manual Integrations
APPROVED

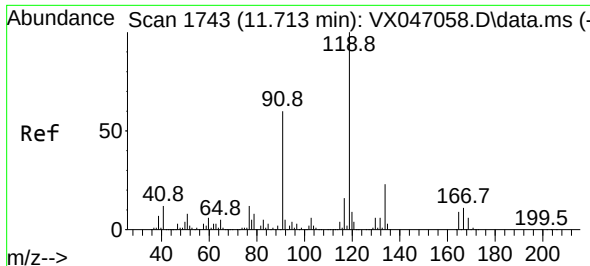
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#82
4-Chlorotoluene
Concen: 147.381 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

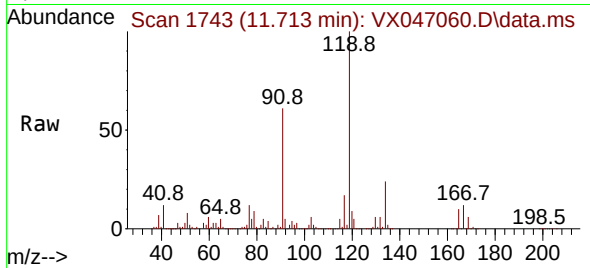
Tgt Ion: 91 Resp: 1901346
Ion Ratio Lower Upper
91 100
126 28.7 14.1 42.3





#83
tert-Butylbenzene
Concen: 151.288 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

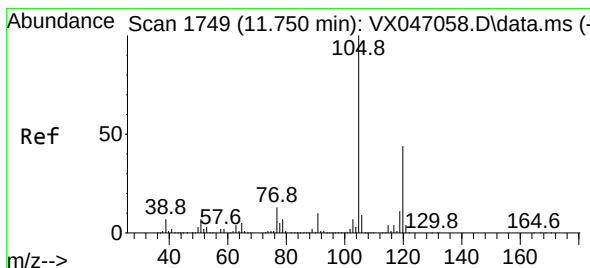
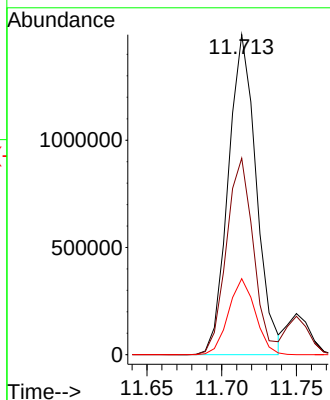
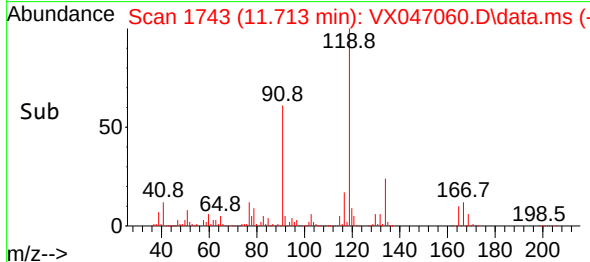
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



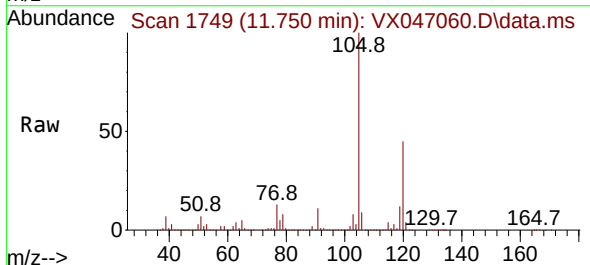
Tgt Ion:119 Resp: 1941048
Ion Ratio Lower Upper
119 100
91 59.8 29.6 88.8
134 22.8 11.4 34.1

Manual Integrations
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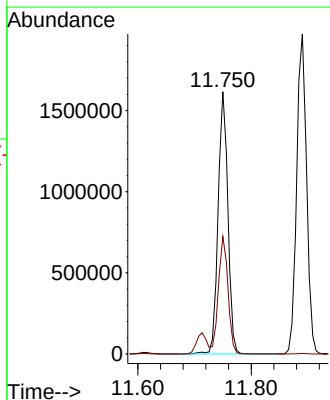
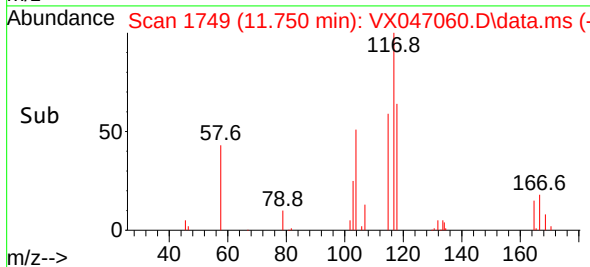
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

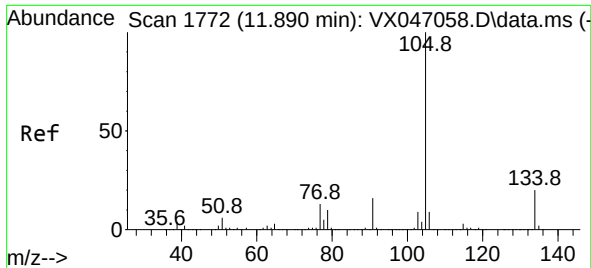


#84
1,2,4-Trimethylbenzene
Concen: 150.829 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32



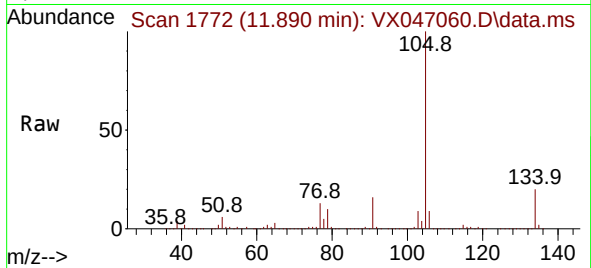
Tgt Ion:105 Resp: 1923088
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 148.873 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047060.D
 Acq: 21 Jul 2025 11:32

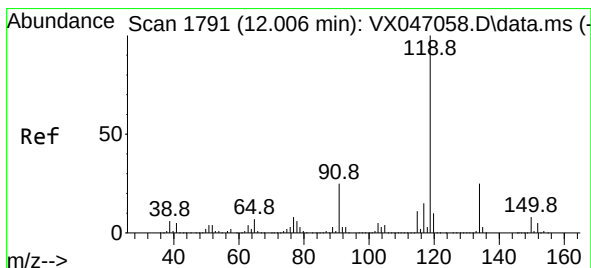
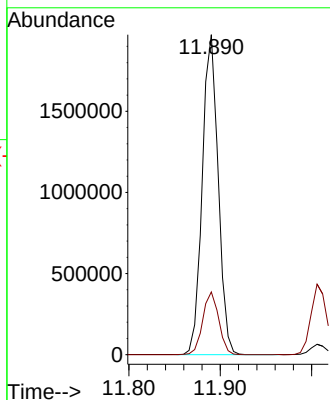
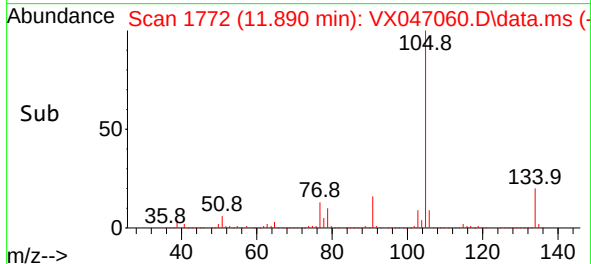
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



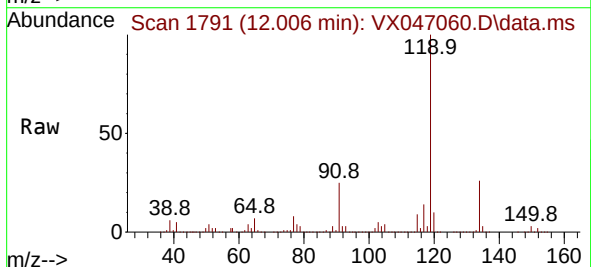
Tgt Ion:105 Resp: 238655
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

Manual Integrations
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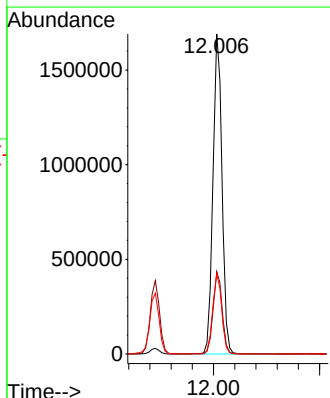
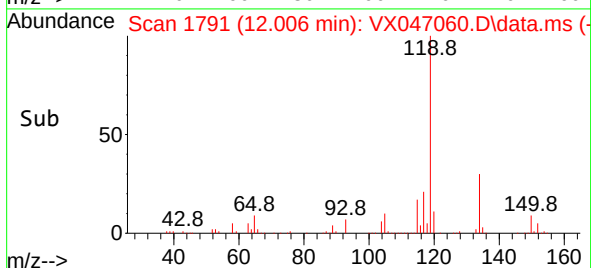
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

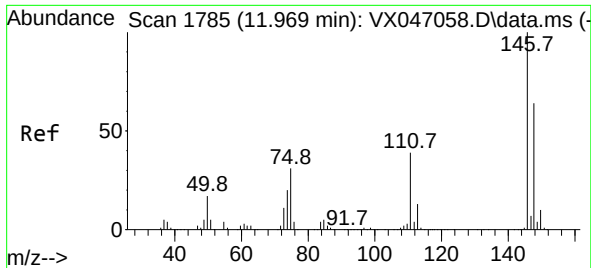


#86
 p-Isopropyltoluene
 Concen: 150.546 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047060.D
 Acq: 21 Jul 2025 11:32



Tgt Ion:119 Resp: 2001346
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 148.192 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 104499

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

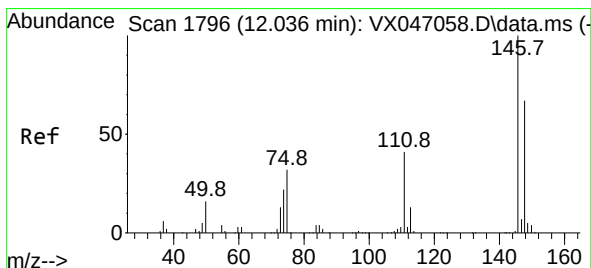
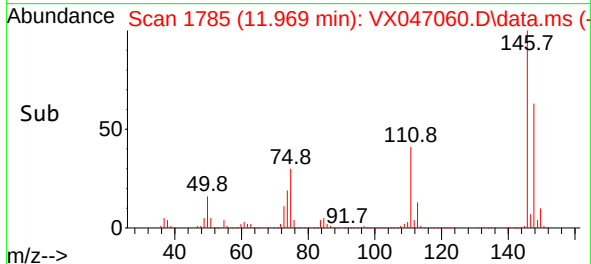
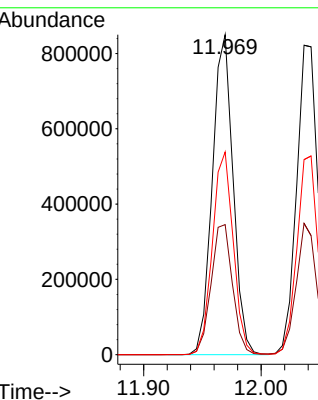
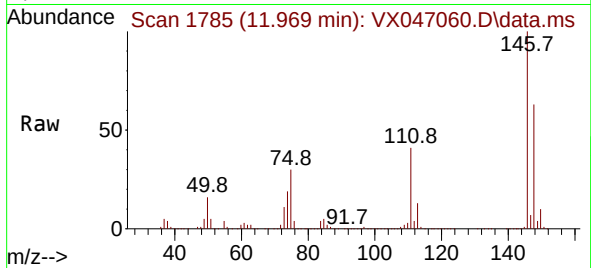
148 63.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#88

1,4-Dichlorobenzene

Concen: 145.525 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

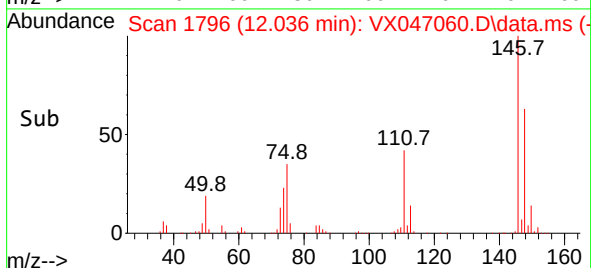
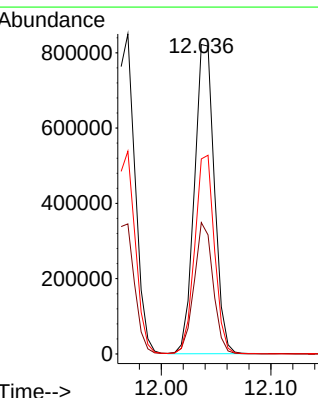
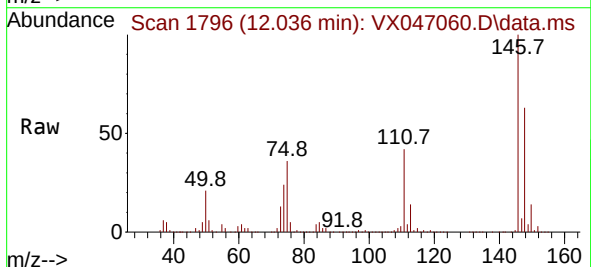
Tgt Ion:146 Resp: 1039670

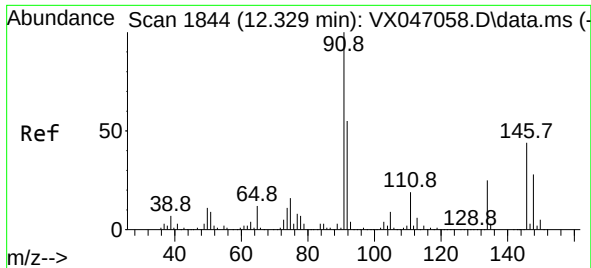
Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.9

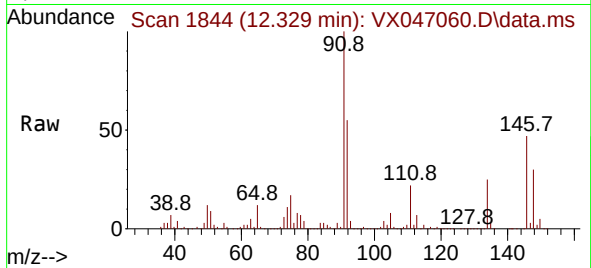
148 63.7 33.0 98.9





#89
n-Butylbenzene
Concen: 150.392 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

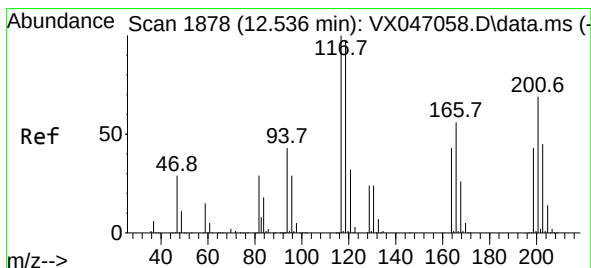
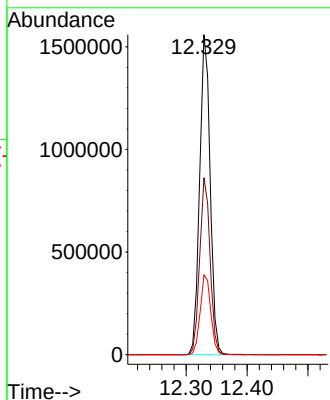
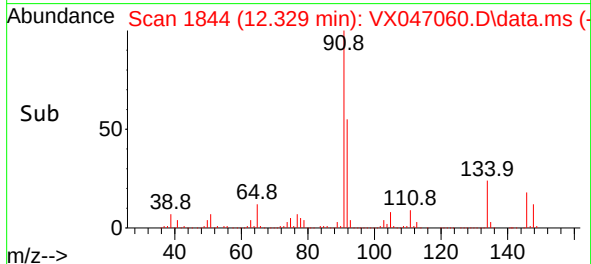
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 1874924
Ion Ratio Lower Upper
91 100
92 54.7 27.5 82.5
134 25.2 12.8 38.3

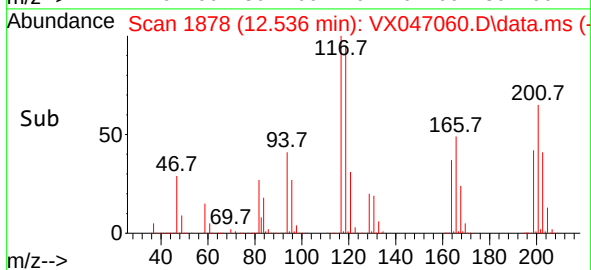
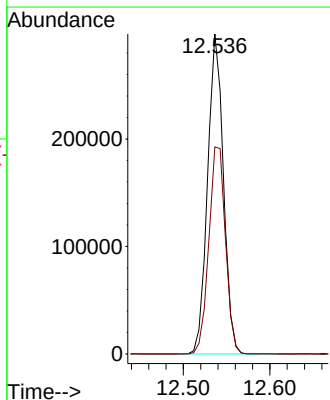
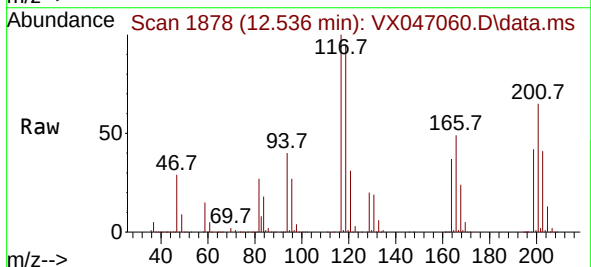
Manual Integrations
APPROVED

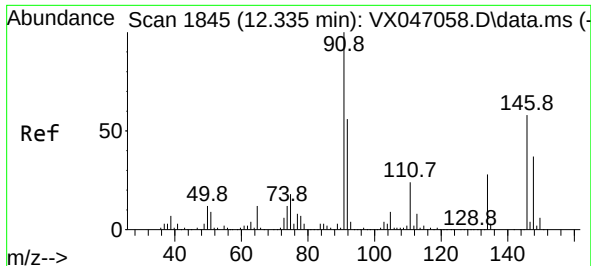
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#90
Hexachloroethane
Concen: 158.429 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

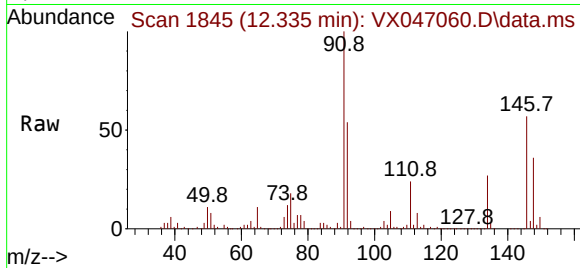
Tgt Ion:117 Resp: 376780
Ion Ratio Lower Upper
117 100
201 68.5 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 147.614 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

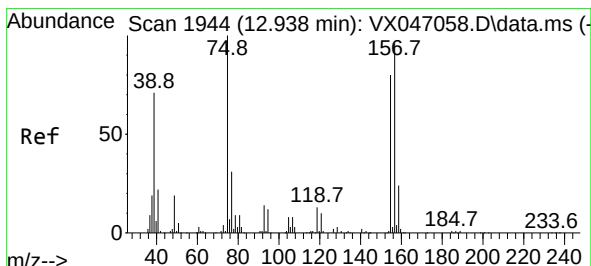
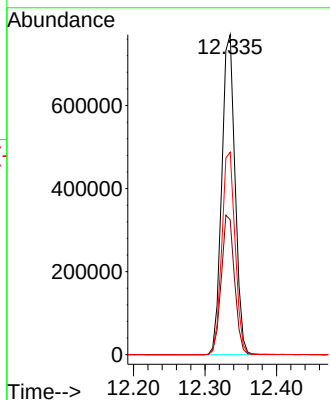
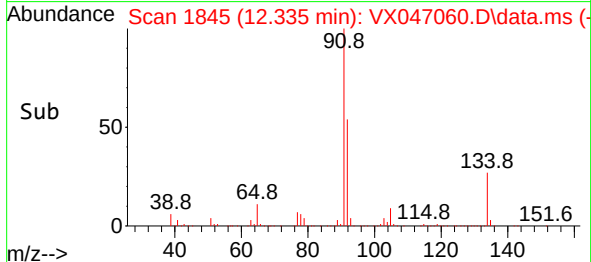
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



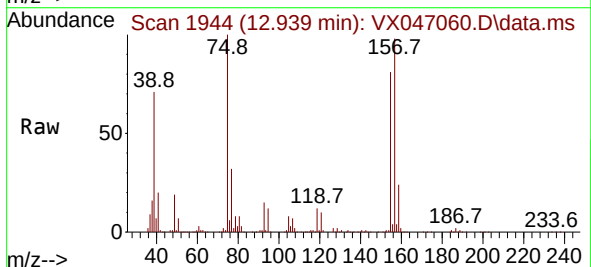
Tgt Ion:146 Resp: 994860
Ion Ratio Lower Upper
146 100
111 43.5 21.6 64.6
148 63.8 31.9 95.7

Manual Integrations
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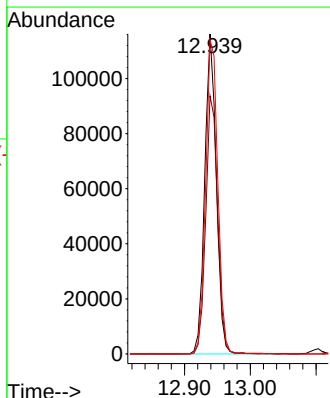
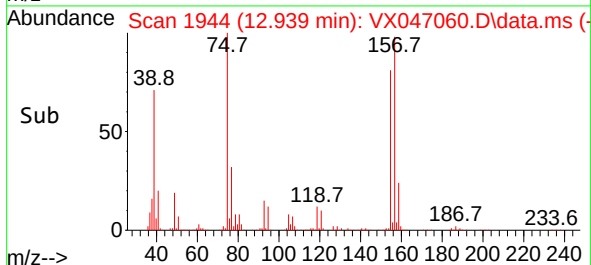
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

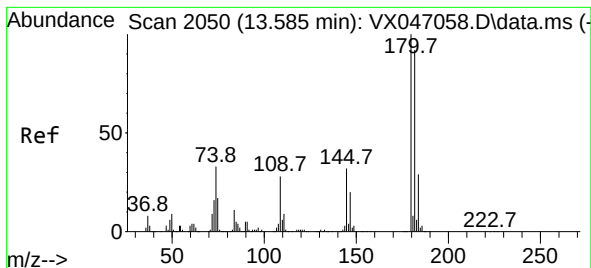


#92
1,2-Dibromo-3-Chloropropane
Concen: 167.843 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32



Tgt Ion: 75 Resp: 142395
Ion Ratio Lower Upper
75 100
155 83.1 41.3 124.1
157 103.2 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 155.373 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 69185

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

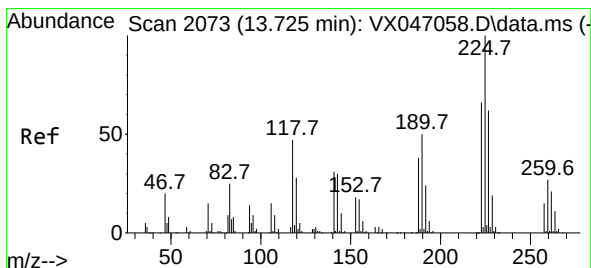
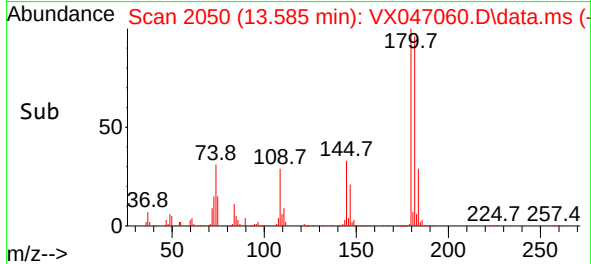
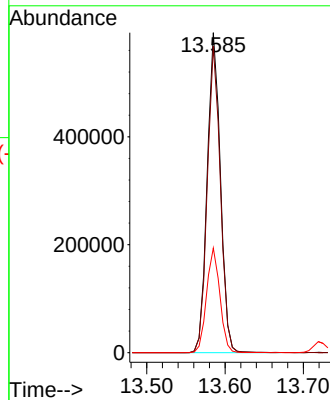
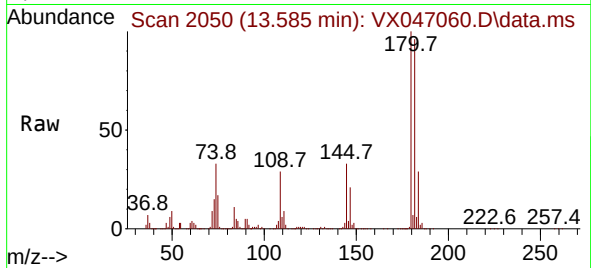
145 32.9 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#94

Hexachlorobutadiene

Concen: 148.249 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX047060.D

Acq: 21 Jul 2025 11:32

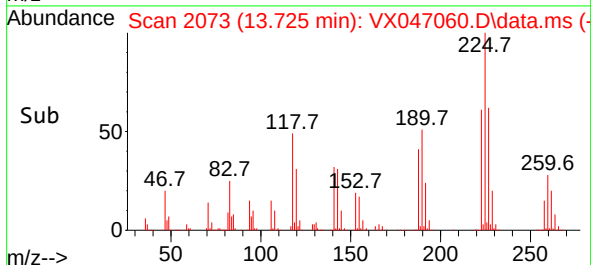
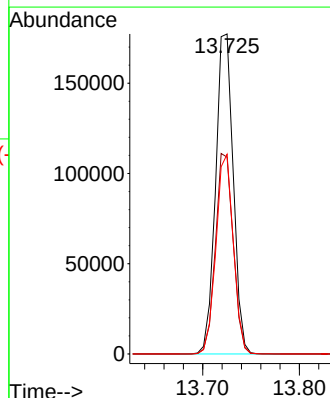
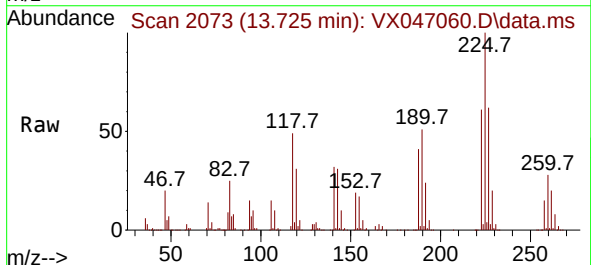
Tgt Ion:225 Resp: 224504

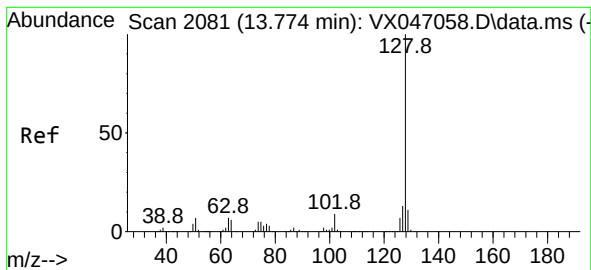
Ion Ratio Lower Upper

225 100

223 62.8 31.6 95.0

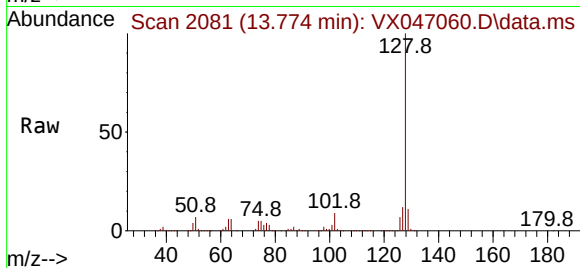
227 61.5 32.9 98.6





#95
Naphthalene
Concen: 166.363 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32

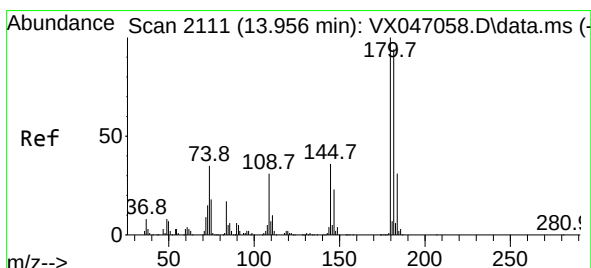
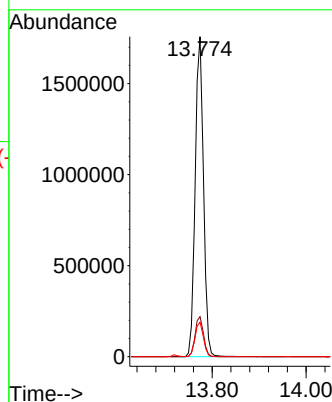
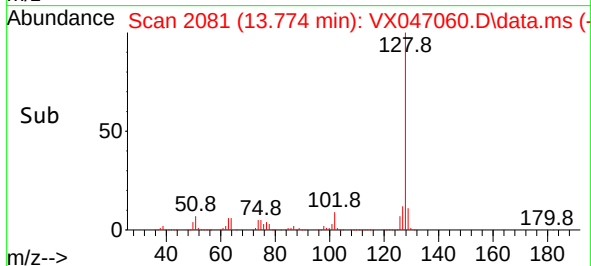
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



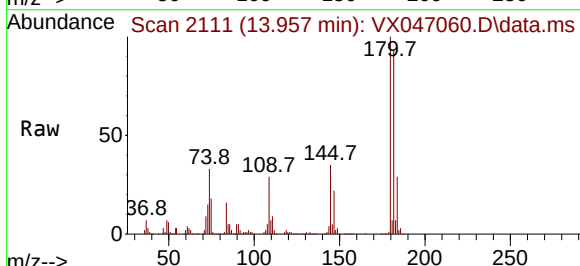
Tgt Ion:128 Resp: 217168
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#96
1,2,3-Trichlorobenzene
Concen: 154.436 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047060.D
Acq: 21 Jul 2025 11:32



Tgt Ion:180 Resp: 662501
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.6
145 35.0 17.3 52.0

