

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112425\
 Data File : VX048658.D
 Acq On : 24 Nov 2025 13:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2025
 Supervised By : Mahesh Dadoda 11/26/2025

Quant Time: Nov 26 00:14:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	183137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	283454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	244366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	124928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	105981	41.531	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.060%		
35) Dibromofluoromethane	5.361	113	96026	44.760	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.520%		
50) Toluene-d8	8.629	98	302858	45.263	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.520%#		
62) 4-Bromofluorobenzene	11.061	95	114733	46.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	90082	60.703	ug/l	99
3) Chloromethane	1.301	50	103549	52.610	ug/l	98
4) Vinyl Chloride	1.380	62	118478	53.165	ug/l	99
5) Bromomethane	1.611	94	75971	53.988	ug/l	95
6) Chloroethane	1.691	64	77103	52.831	ug/l	98
7) Trichlorofluoromethane	1.892	101	197190	55.932	ug/l	97
8) Diethyl Ether	2.130	74	78553	55.507	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	114203	55.954	ug/l	98
10) Methyl Iodide	2.453	142	149241	49.408	ug/l	99
11) Tert butyl alcohol	2.941	59	134982	279.148	ug/l	97
12) 1,1-Dichloroethene	2.319	96	109945	51.571	ug/l	94
13) Acrolein	2.233	56	23592	337.206	ug/l	94
14) Allyl chloride	2.660	41	183354	46.193	ug/l	99
15) Acrylonitrile	3.050	53	355572	251.894	ug/l	96
16) Acetone	2.367	43	271315	224.610	ug/l	97
17) Carbon Disulfide	2.514	76	245843	40.979	ug/l	100
18) Methyl Acetate	2.691	43	172508	51.967	ug/l	97
19) Methyl tert-butyl Ether	3.099	73	399535	53.070	ug/l	98
20) Methylene Chloride	2.782	84	123321	49.658	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	110740	49.010	ug/l	95
22) Diisopropyl ether	3.745	45	373061	48.947	ug/l	93
23) Vinyl Acetate	3.703	43	1610637	241.284	ug/l	99
24) 1,1-Dichloroethane	3.599	63	211537	50.581	ug/l	98
25) 2-Butanone	4.532	43	527477	295.185	ug/l	98
26) 2,2-Dichloropropane	4.459	77	207830	58.292	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	149761	54.223	ug/l	96
28) Bromochloromethane	4.873	49	89637	43.630	ug/l	92
29) Tetrahydrofuran	4.971	42	317836	249.385	ug/l	96
30) Chloroform	5.074	83	229416	53.137	ug/l	100
31) Cyclohexane	5.452	56	160758	46.914	ug/l	92
32) 1,1,1-Trichloroethane	5.361	97	205278	54.480	ug/l	99
36) 1,1-Dichloropropene	5.678	75	143661	50.009	ug/l	99
37) Ethyl Acetate	4.684	43	237655	58.771	ug/l	98
38) Carbon Tetrachloride	5.653	117	178714	54.650	ug/l	99
39) Methylcyclohexane	7.360	83	173362	53.746	ug/l	93
40) Benzene	6.013	78	454316	51.019	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	97161	54.636	ug/l	97
42) 1,2-Dichloroethane	6.068	62	159934	52.419	ug/l	100
43) Isopropyl Acetate	6.312	43	287885	50.646	ug/l	98
44) Trichloroethene	7.104	130	121680	57.167	ug/l	99
45) 1,2-Dichloropropane	7.409	63	114149	55.751	ug/l	99
46) Dibromomethane	7.562	93	89051	59.631	ug/l	98
47) Bromodichloromethane	7.799	83	184167	61.817	ug/l	98
48) Methyl methacrylate	7.671	41	140636	55.656	ug/l	97
49) 1,4-Dioxane	7.635	88	53242	1382.790	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	1070012	330.691	ug/l	99
52) Toluene	8.702	92	278058	59.310	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	186766	60.840	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	206435	64.944	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	119507	63.802	ug/l	98
56) Ethyl methacrylate	9.098	69	197650	63.424	ug/l	95
57) 1,3-Dichloropropane	9.287	76	200482	61.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	548581	327.424	ug/l	100
59) 2-Hexanone	9.409	43	772612	321.000	ug/l	97
60) Dibromochloromethane	9.500	129	152039	66.111	ug/l	98
61) 1,2-Dibromoethane	9.592	107	130172	64.163	ug/l	100
64) Tetrachloroethene	9.256	164	94068	52.999	ug/l	97
65) Chlorobenzene	10.061	112	323983	55.858	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	120818	62.168	ug/l	99
67) Ethyl Benzene	10.177	91	537059	55.141	ug/l	97
68) m/p-Xylenes	10.281	106	420233	114.561	ug/l	98
69) o-Xylene	10.622	106	202910	56.538	ug/l	99
70) Styrene	10.634	104	349778	58.099	ug/l	100
71) Bromoform	10.781	173	112149	62.550	ug/l #	99
73) Isopropylbenzene	10.945	105	524781	57.871	ug/l	99
74) N-amyl acetate	10.823	43	232230	51.004	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	176797	55.286	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	147626m	49.050	ug/l	
77) Bromobenzene	11.177	156	139775	59.693	ug/l	94
78) n-propylbenzene	11.287	91	606360	56.868	ug/l	98
79) 2-Chlorotoluene	11.348	91	355297	55.144	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	425370	57.541	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	62070	58.989	ug/l #	89
82) 4-Chlorotoluene	11.433	91	417638	55.259	ug/l	97
83) tert-Butylbenzene	11.695	119	443846	58.049	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	432634	58.003	ug/l	98
85) sec-Butylbenzene	11.872	105	534150	56.523	ug/l	99
86) p-Isopropyltoluene	11.988	119	459433	57.827	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	249839	56.928	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	250287	55.213	ug/l	99
89) n-Butylbenzene	12.311	91	412817	55.388	ug/l	99
90) Hexachloroethane	12.518	117	88038	58.160	ug/l	93
91) 1,2-Dichlorobenzene	12.317	146	241757	57.383	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	42006	56.524	ug/l	93
93) 1,2,4-Trichlorobenzene	13.567	180	164033	58.591	ug/l	99
94) Hexachlorobutadiene	13.707	225	65808	56.230	ug/l	97
95) Naphthalene	13.756	128	537198	59.681	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	155797	59.828	ug/l	99

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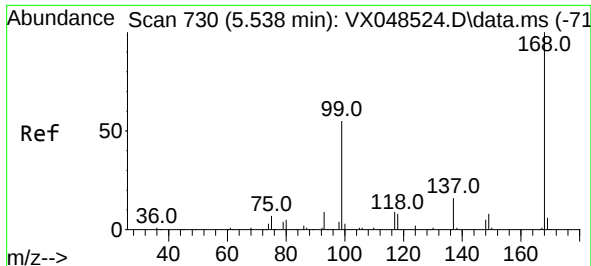
Manual Integrations
APPROVED

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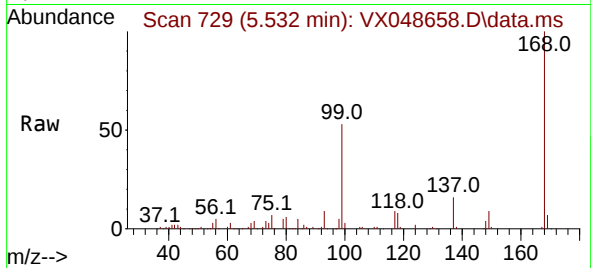
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
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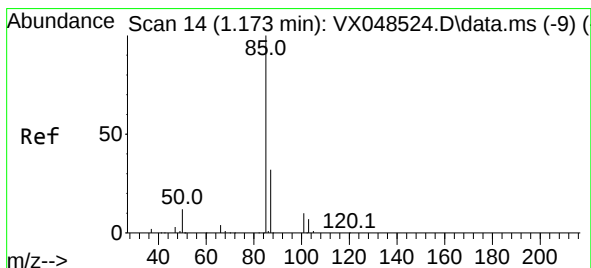
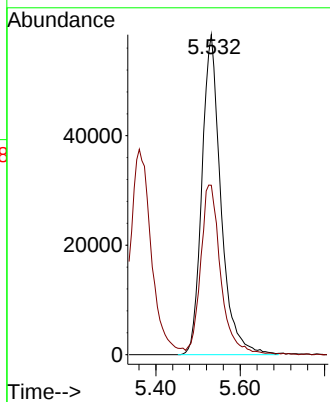
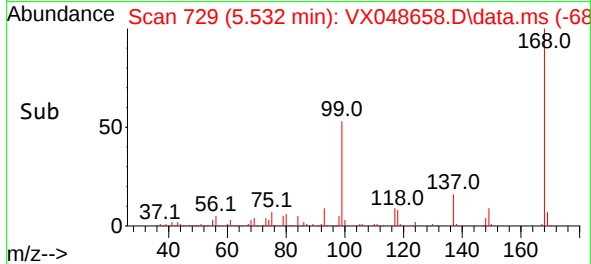
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 18313
Ion Ratio Lower Upper
168 100
99 52.5 45.2 67.8

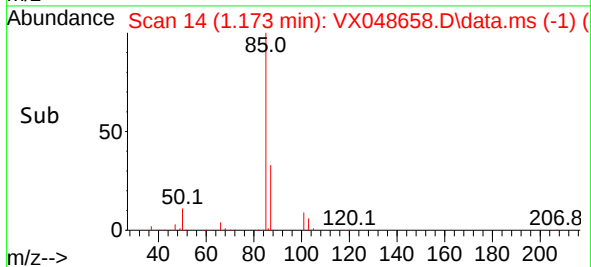
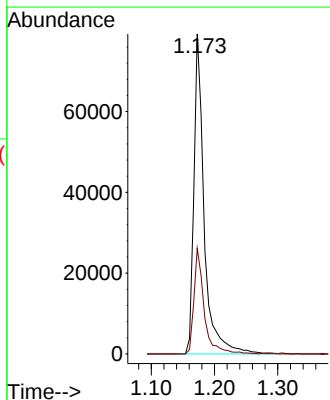
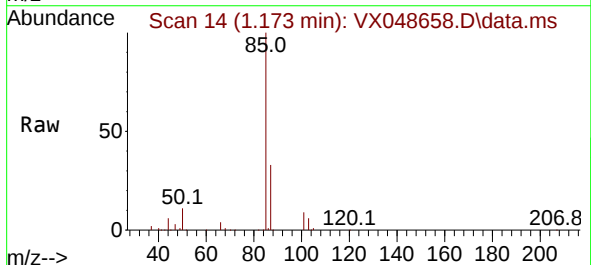
Manual Integrations
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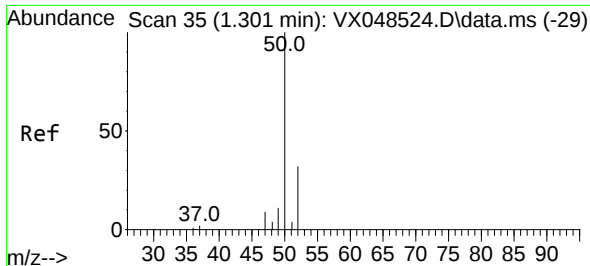
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#2
Dichlorodifluoromethane
Concen: 60.703 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

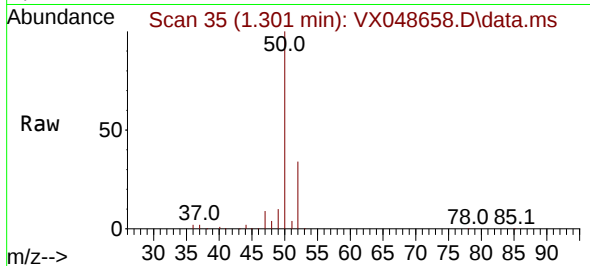
Tgt Ion: 85 Resp: 90082
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6





#3
Chloromethane
Concen: 52.610 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

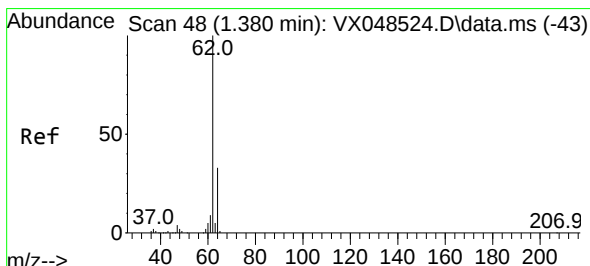
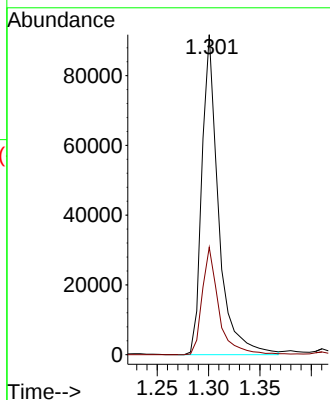
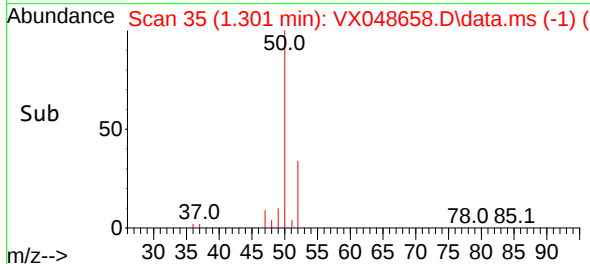
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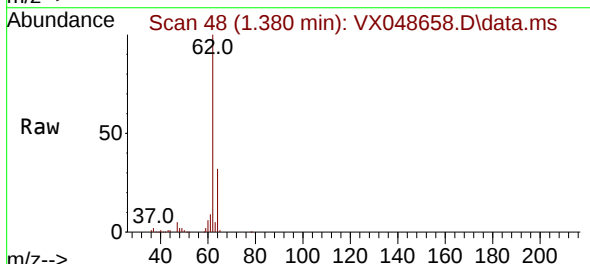
Tgt Ion: 50 Resp: 103549
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0

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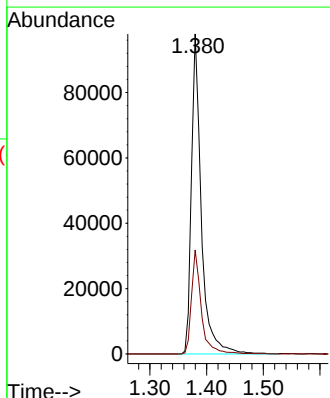
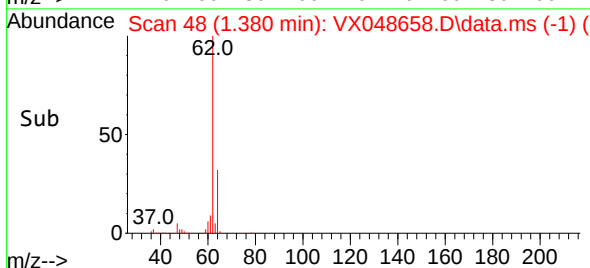
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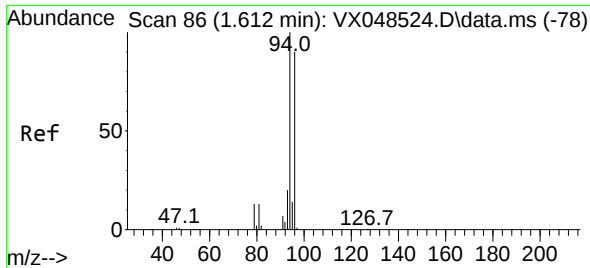


#4
Vinyl Chloride
Concen: 53.165 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08



Tgt Ion: 62 Resp: 118478
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.4





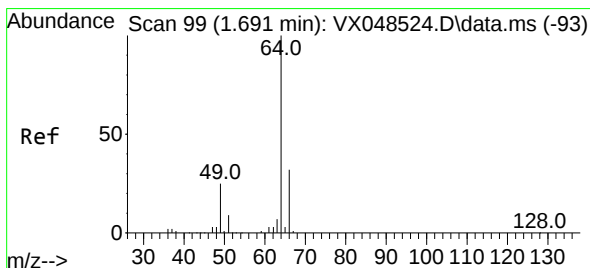
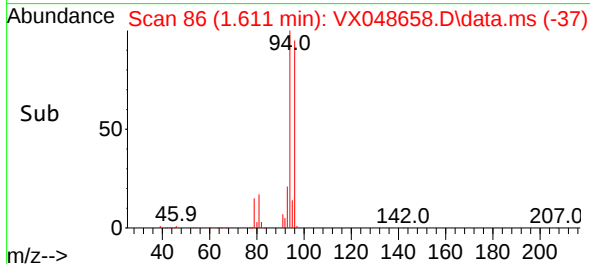
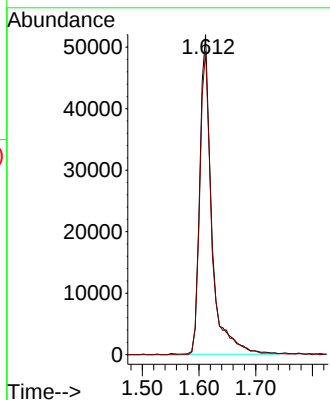
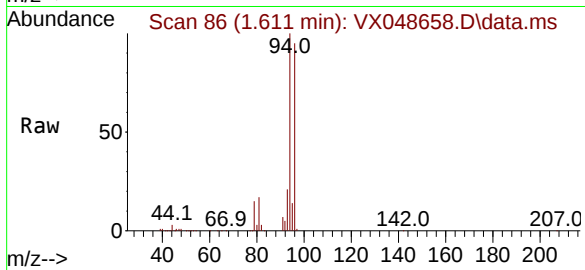
#5
Bromomethane
Concen: 53.988 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 7597
Ion Ratio Lower Upper
94 100
96 95.1 72.3 108.5

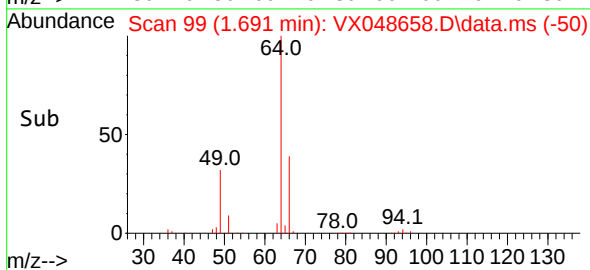
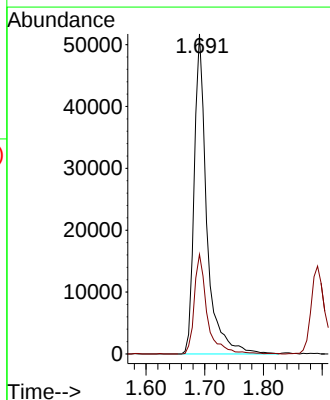
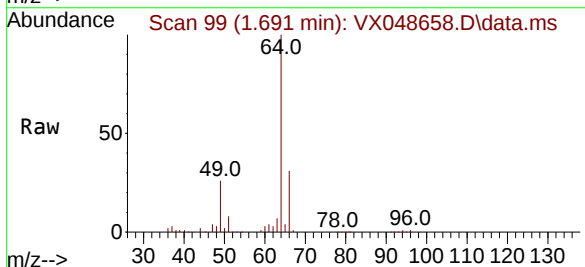
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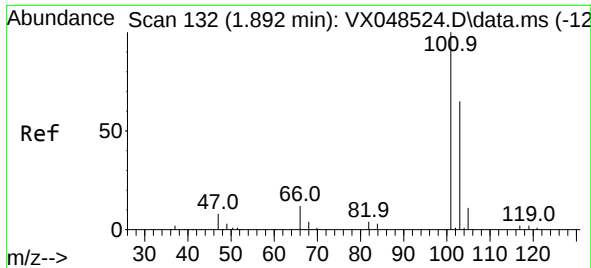
Reviewed By :John Carlone 11/26/2025
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#6
Chloroethane
Concen: 52.831 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX048658.D
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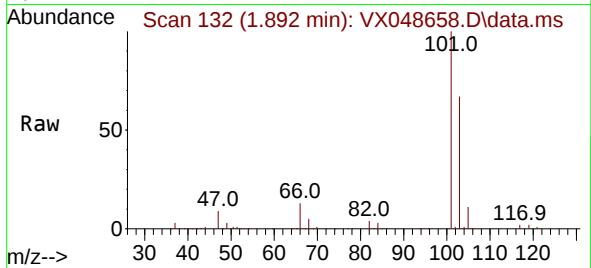
Tgt Ion: 64 Resp: 77103
Ion Ratio Lower Upper
64 100
66 31.1 25.9 38.9





#7
Trichlorofluoromethane
Concen: 55.932 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048658.D
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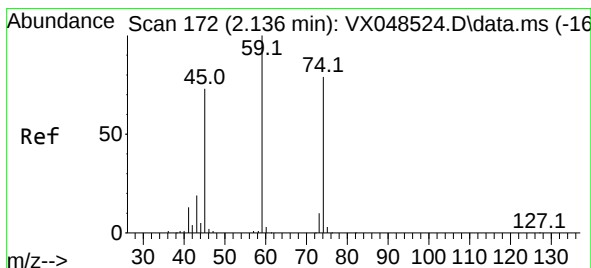
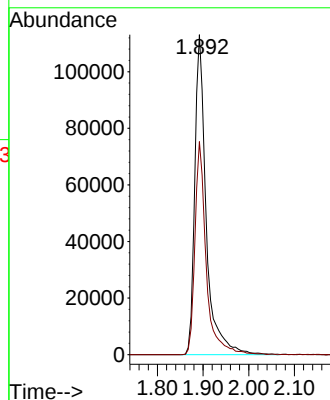
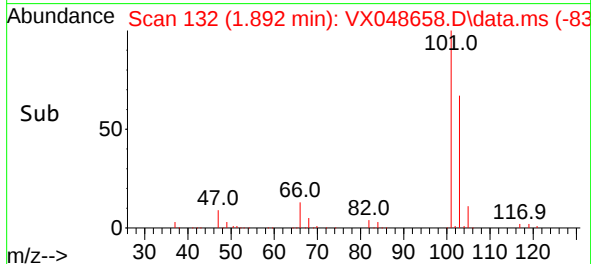
Instrument :
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Tgt Ion:101 Resp: 197190
Ion Ratio Lower Upper
101 100
103 66.6 51.7 77.5

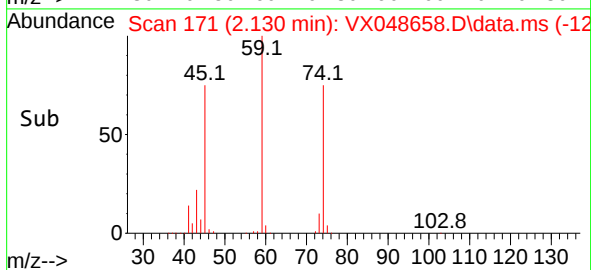
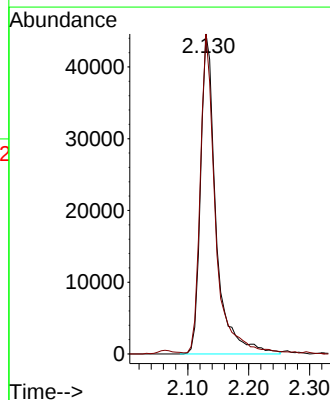
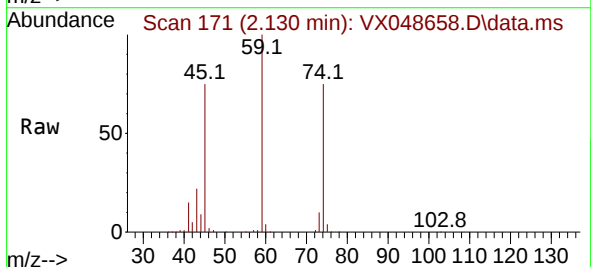
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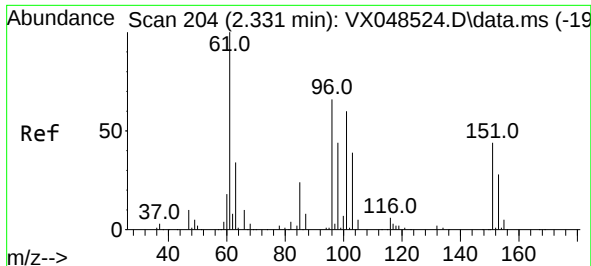
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#8
Diethyl Ether
Concen: 55.507 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 78553
Ion Ratio Lower Upper
74 100
45 97.1 45.9 137.6





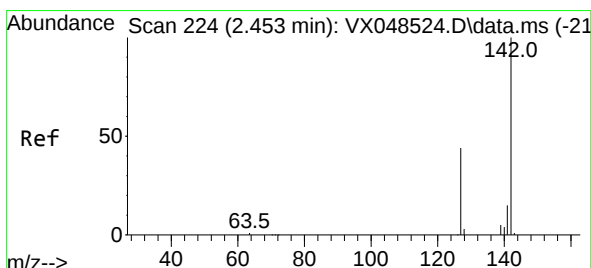
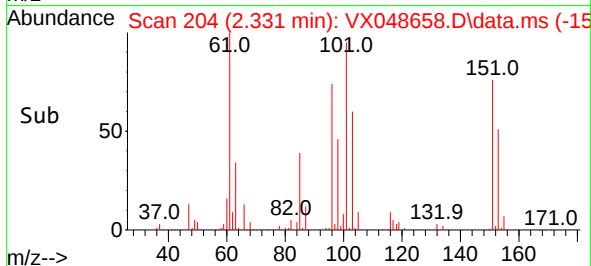
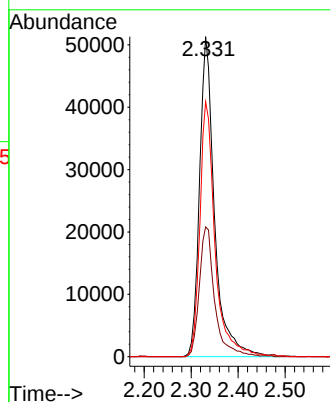
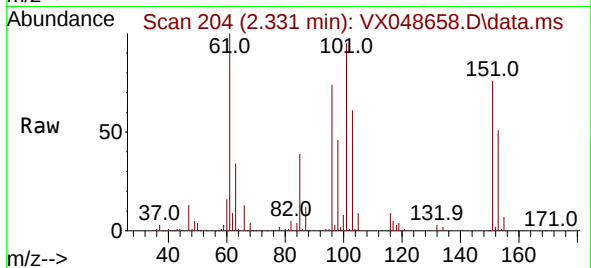
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.954 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11420
Ion Ratio Lower Upper
101 100
85 41.7 34.3 51.5
151 80.3 63.1 94.7

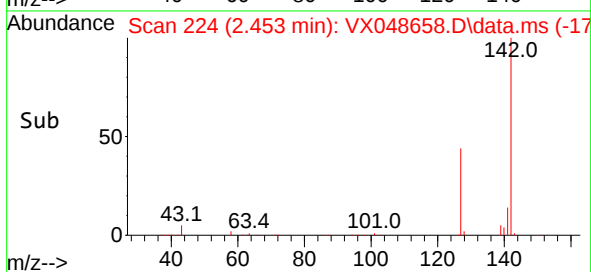
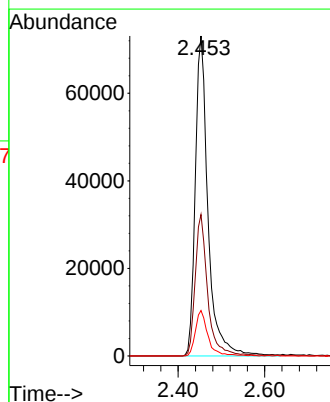
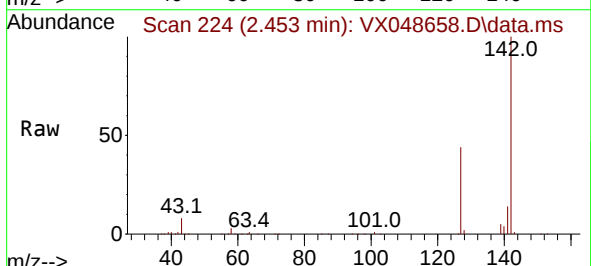
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#10
Methyl Iodide
Concen: 49.408 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

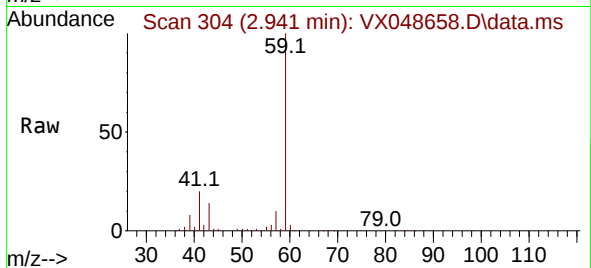
Tgt Ion:142 Resp: 149241
Ion Ratio Lower Upper
142 100
127 43.5 35.8 53.6
141 14.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 279.148 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

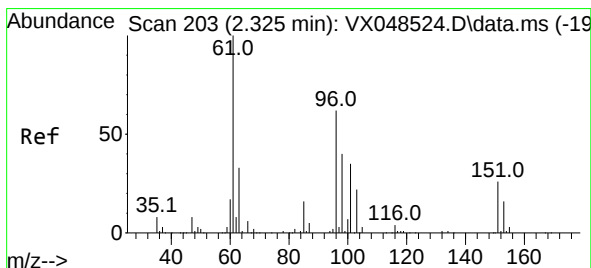
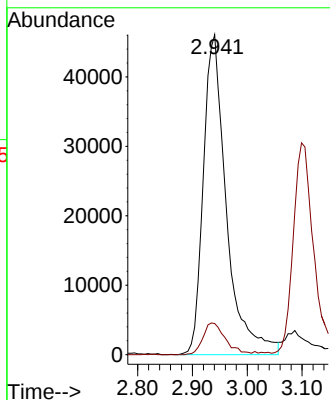
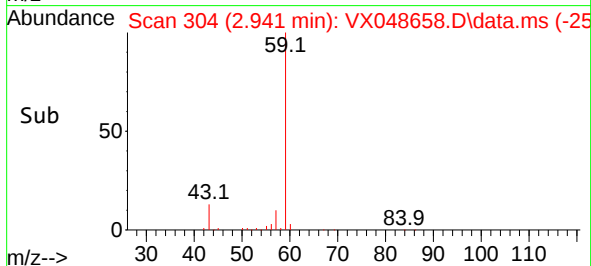
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



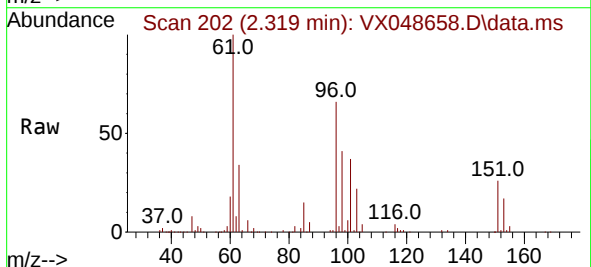
Tgt Ion: 59 Resp: 13498
Ion Ratio Lower Upper
59 100
57 9.6 8.6 13.0

Manual Integrations
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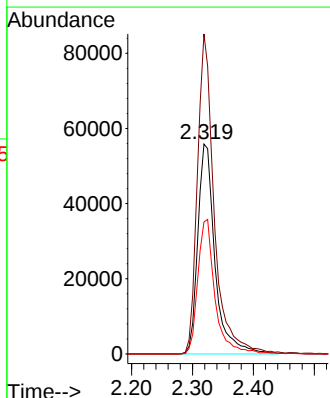
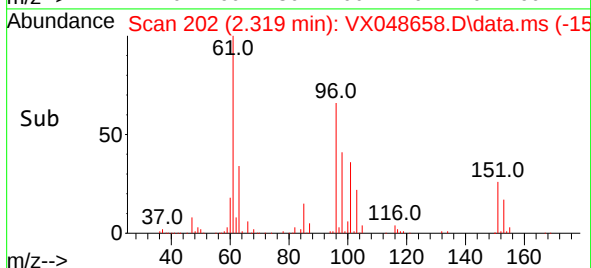
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025

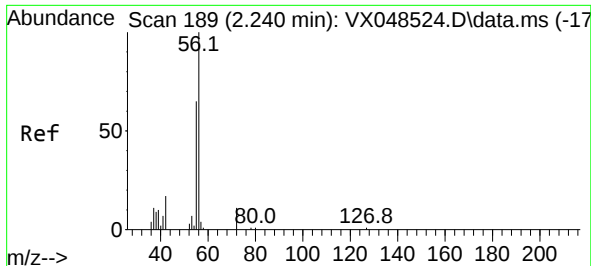


#12
1,1-Dichloroethene
Concen: 51.571 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08



Tgt Ion: 96 Resp: 109945
Ion Ratio Lower Upper
96 100
61 152.4 129.8 194.6
98 62.9 52.3 78.5





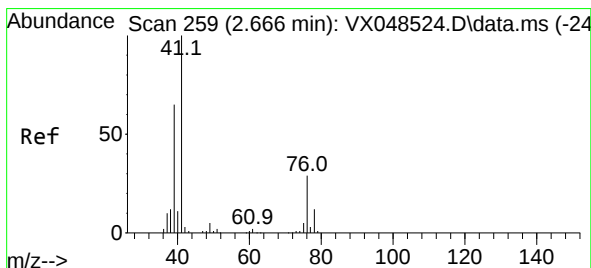
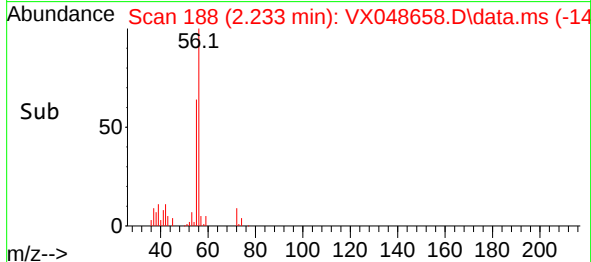
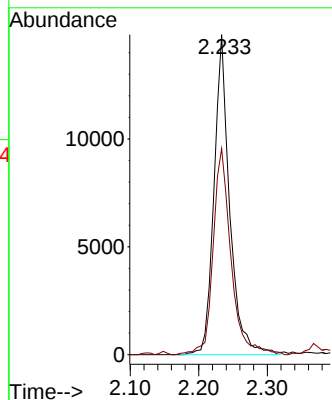
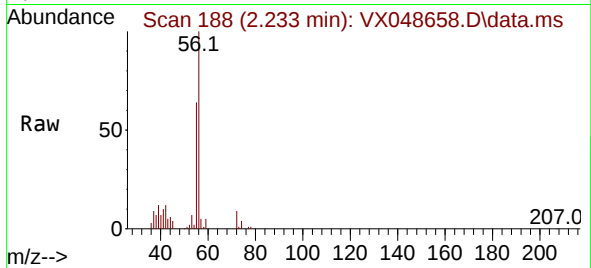
#13
Acrolein
Concen: 337.206 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 23592
Ion Ratio Lower Upper
56 100
55 73.4 54.9 82.3

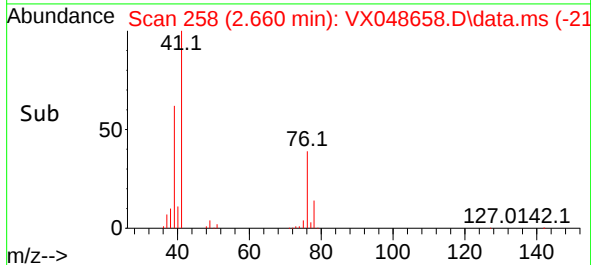
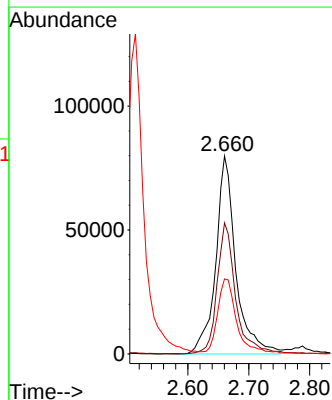
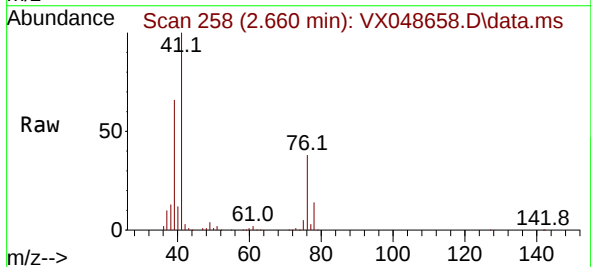
Manual Integrations
APPROVED

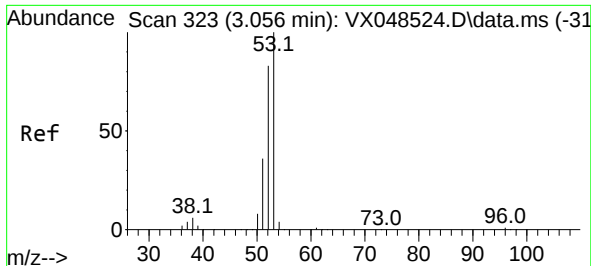
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#14
Allyl chloride
Concen: 46.193 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Tgt Ion: 41 Resp: 183354
Ion Ratio Lower Upper
41 100
39 61.1 48.6 73.0
76 35.7 27.7 41.5





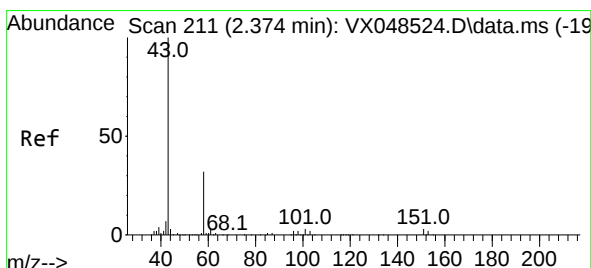
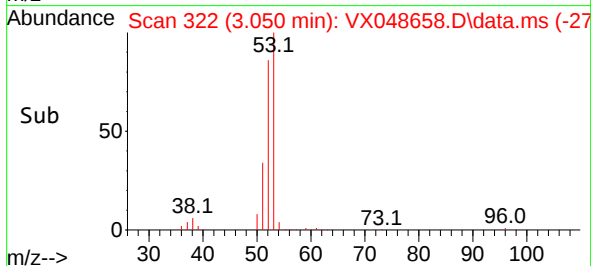
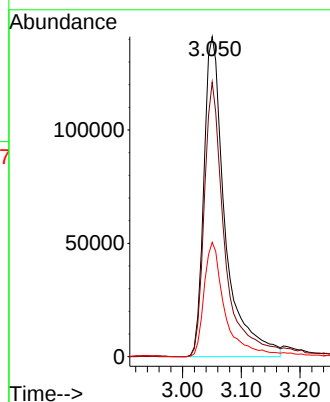
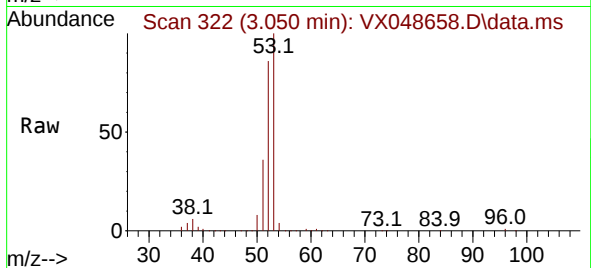
#15
Acrylonitrile
Concen: 251.894 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 355572
Ion Ratio Lower Upper
53 100
52 85.8 65.3 97.9
51 35.2 27.8 41.6

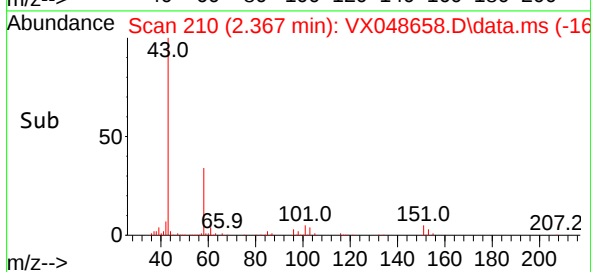
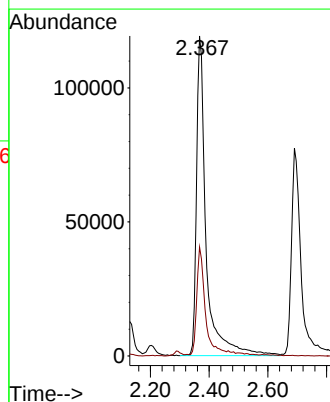
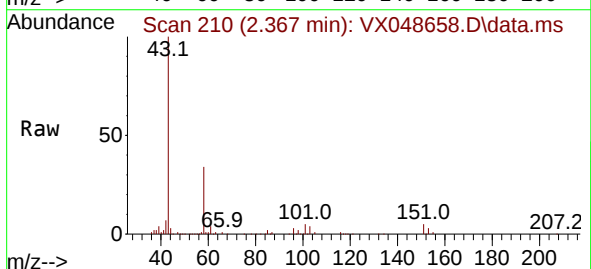
Manual Integrations
APPROVED

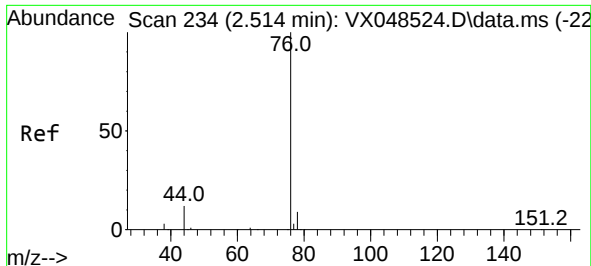
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#16
Acetone
Concen: 224.610 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

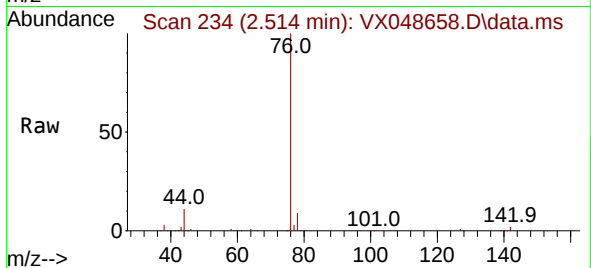
Tgt Ion: 43 Resp: 271315
Ion Ratio Lower Upper
43 100
58 33.9 25.8 38.6





#17
Carbon Disulfide
Concen: 40.979 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

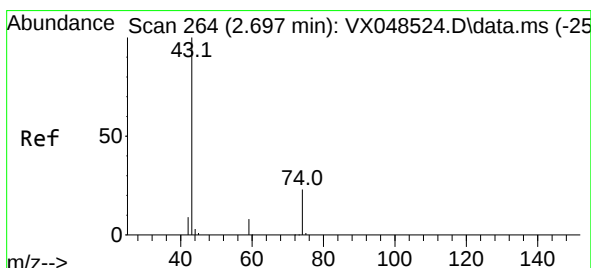
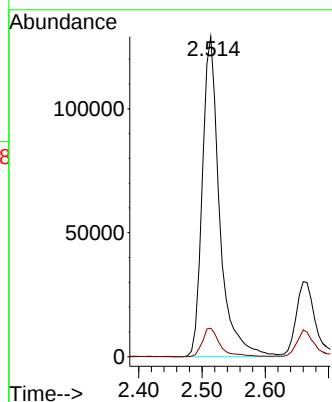
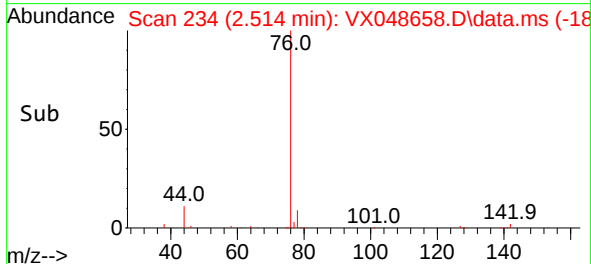
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 24584
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

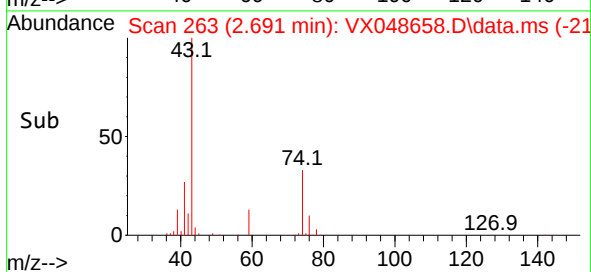
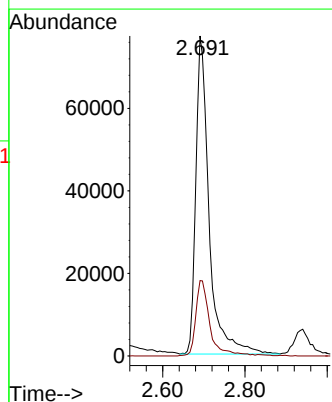
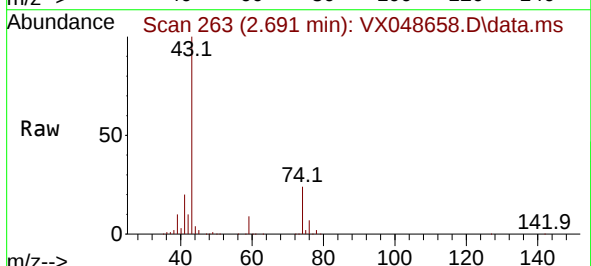
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#18
Methyl Acetate
Concen: 51.967 ug/l
RT: 2.691 min Scan# 263
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

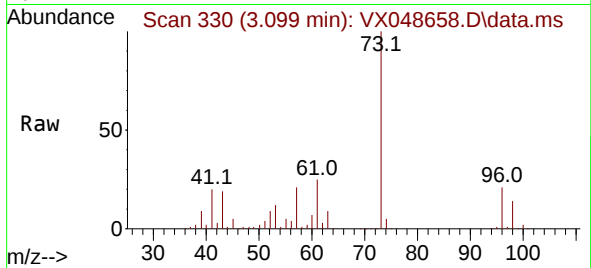
Tgt Ion: 43 Resp: 172508
Ion Ratio Lower Upper
43 100
74 25.1 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 53.070 ug/l
RT: 3.099 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

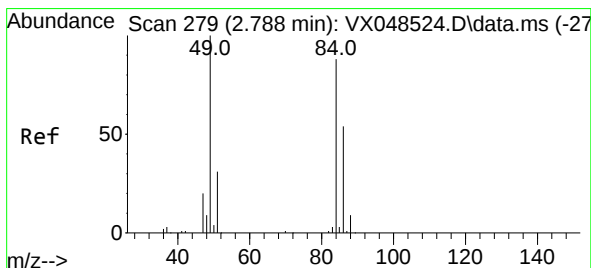
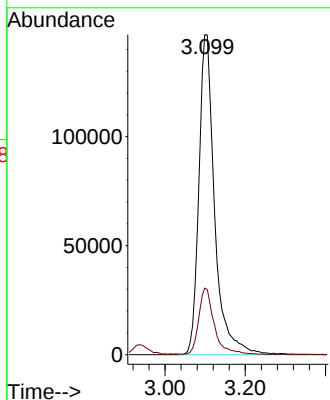
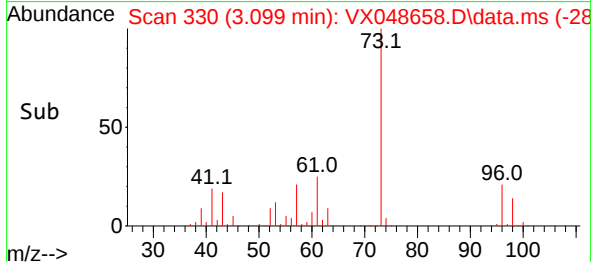
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 39953
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

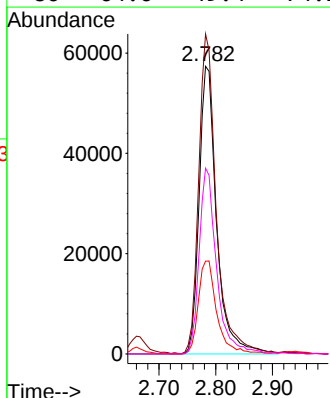
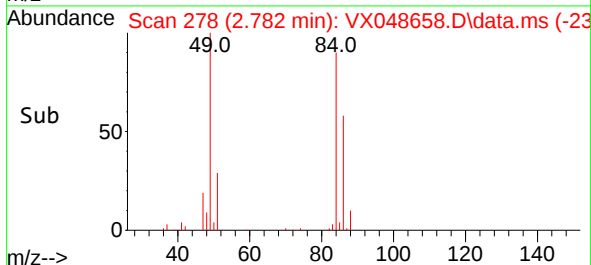
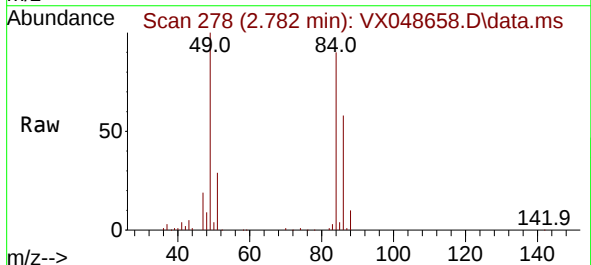
Manual Integrations
APPROVED

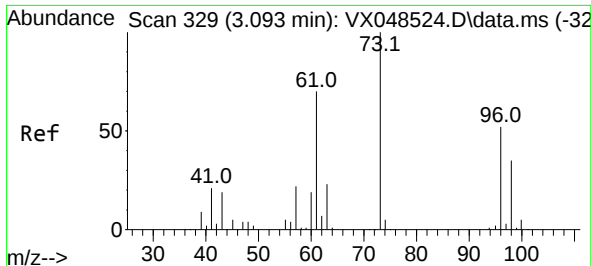
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#20
Methylene Chloride
Concen: 49.658 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

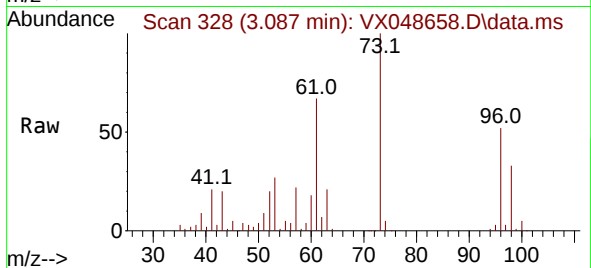
Tgt Ion: 84 Resp: 123321
Ion Ratio Lower Upper
84 100
49 111.0 91.2 136.8
51 32.3 28.3 42.5
86 64.6 49.4 74.2





#21
trans-1,2-Dichloroethene
Concen: 49.010 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

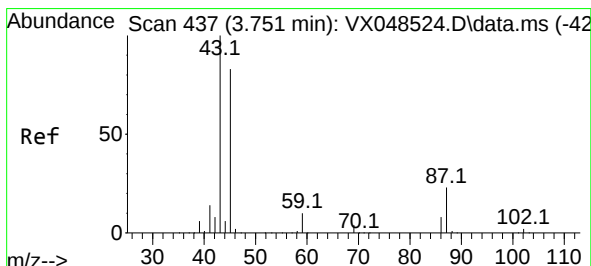
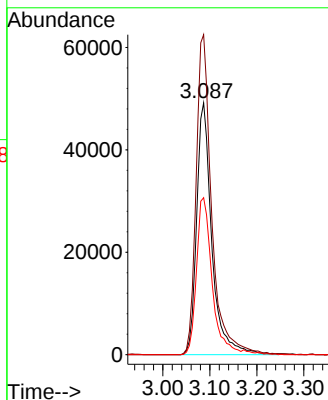
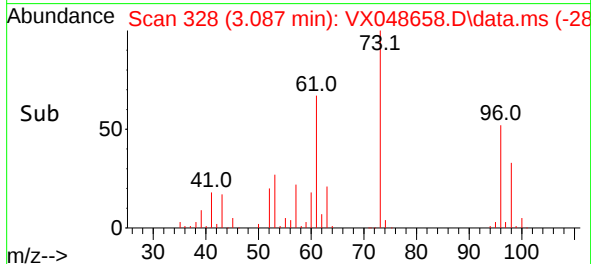
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



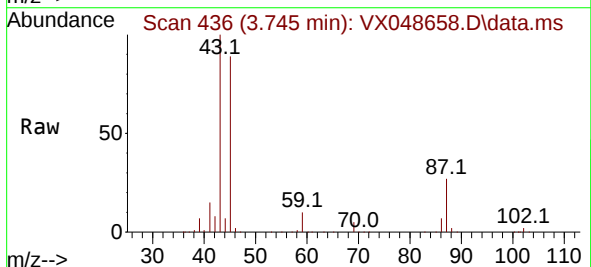
Tgt Ion: 96 Resp: 110740
Ion Ratio Lower Upper
96 100
61 127.1 106.7 160.1
98 62.4 52.7 79.1

Manual Integrations
APPROVED

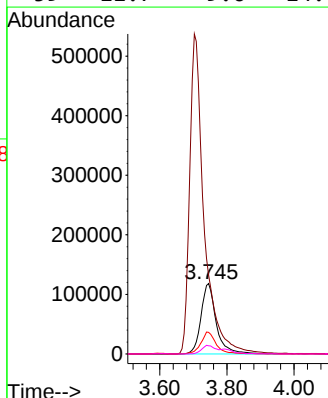
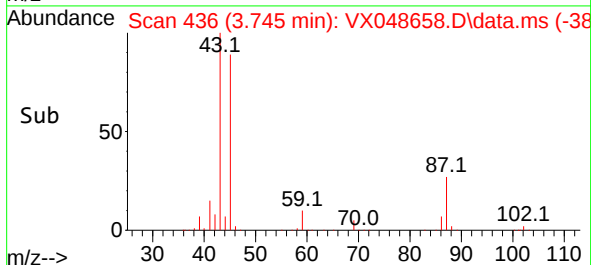
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025

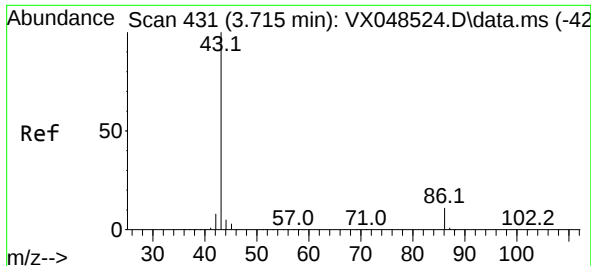


#22
Diisopropyl ether
Concen: 48.947 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08



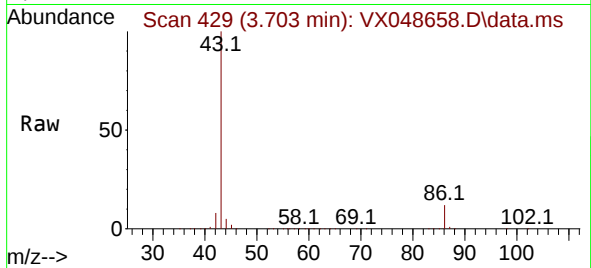
Tgt Ion: 45 Resp: 373061
Ion Ratio Lower Upper
45 100
43 111.9 96.4 144.6
87 30.7 21.8 32.6
59 11.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 241.284 ug/l
 RT: 3.703 min Scan# 411
 Delta R.T. -0.012 min
 Lab File: VX048658.D
 Acq: 24 Nov 2025 13:08

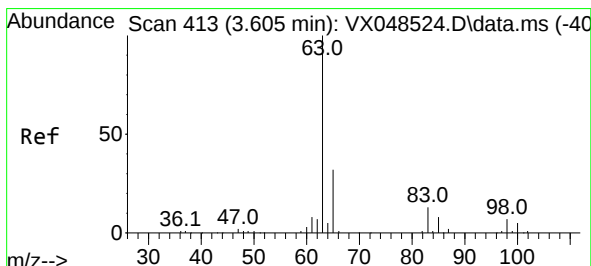
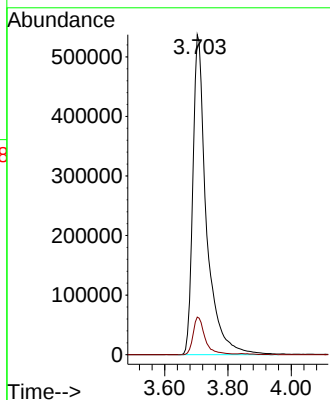
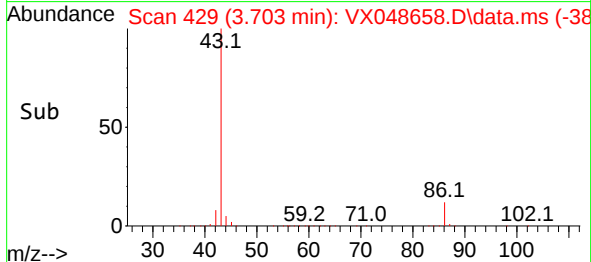
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



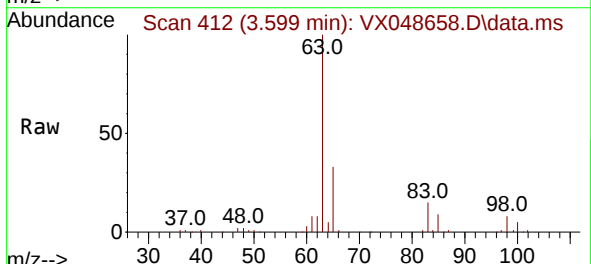
Tgt Ion: 43 Resp: 161063
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.0 13.6

Manual Integrations
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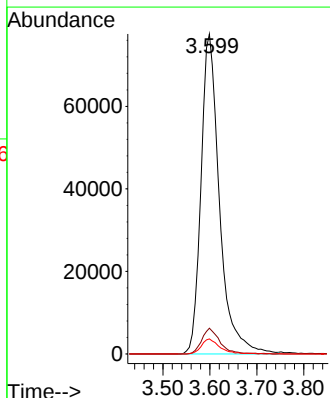
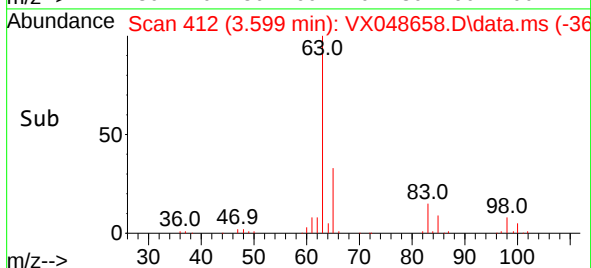
Reviewed By :John Carlone 11/26/2025
 Supervised By :Mahesh Dadoda 11/26/2025

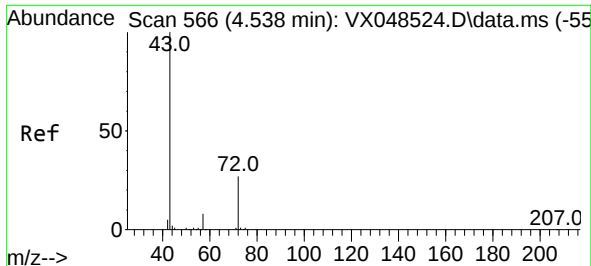


#24
 1,1-Dichloroethane
 Concen: 50.581 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048658.D
 Acq: 24 Nov 2025 13:08



Tgt Ion: 63 Resp: 211537
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.4 10.2
 100 4.7 2.5 7.4





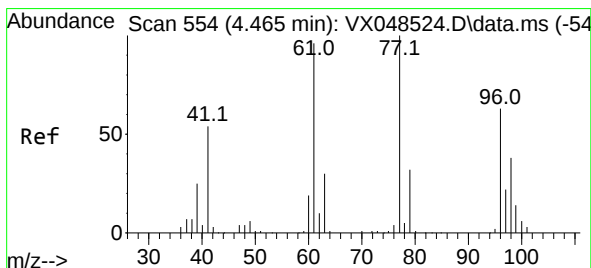
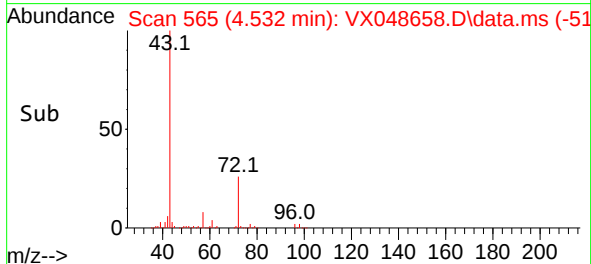
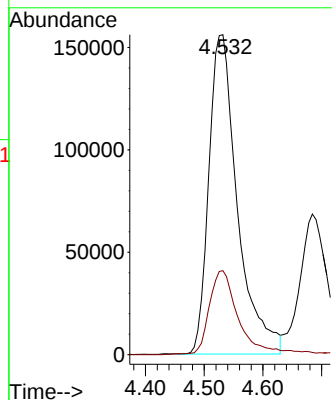
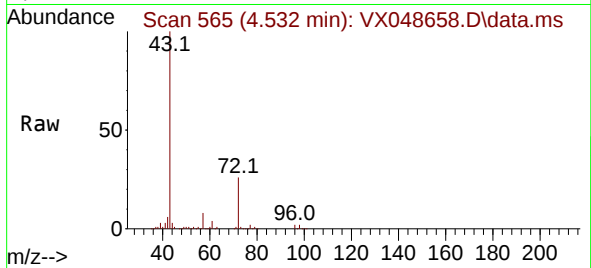
#25
2-Butanone
Concen: 295.185 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 52747
Ion Ratio Lower Upper
43 100
72 26.0 21.5 32.3

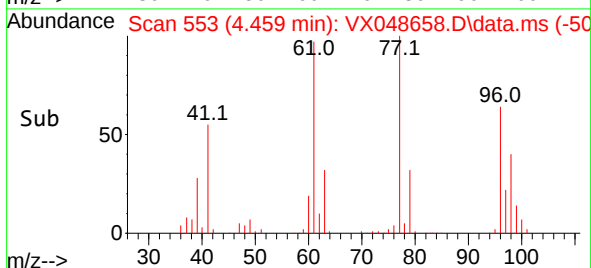
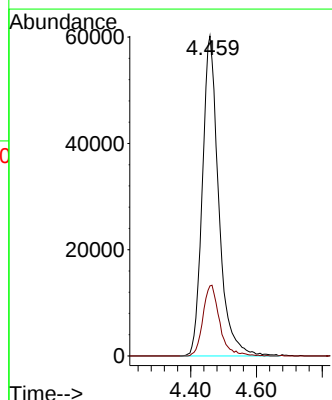
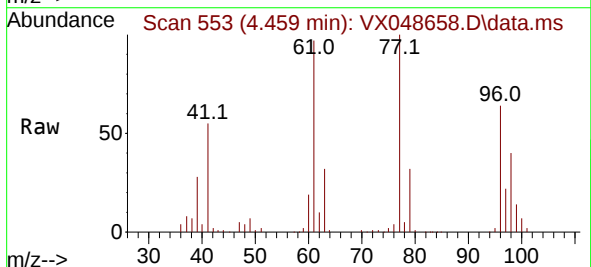
Manual Integrations
APPROVED

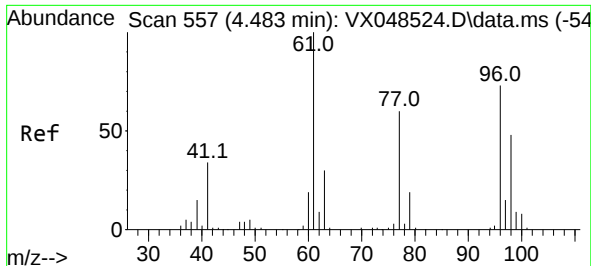
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#26
2,2-Dichloropropane
Concen: 58.292 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

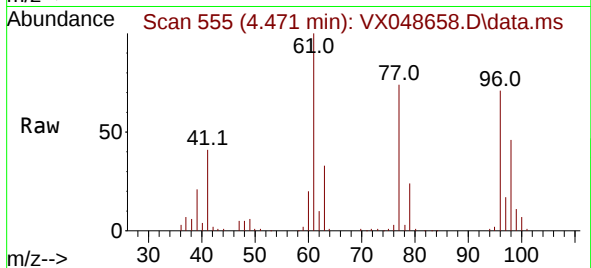
Tgt Ion: 77 Resp: 207830
Ion Ratio Lower Upper
77 100
97 22.5 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 54.223 ug/l
 RT: 4.471 min Scan# 511
 Delta R.T. -0.012 min
 Lab File: VX048658.D
 Acq: 24 Nov 2025 13:08

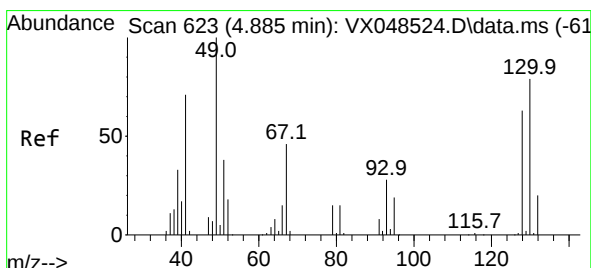
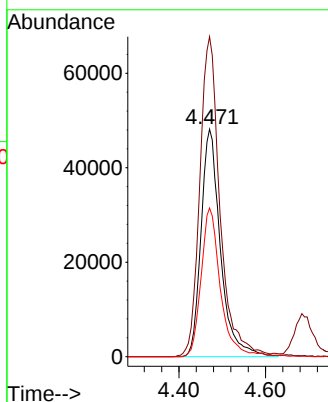
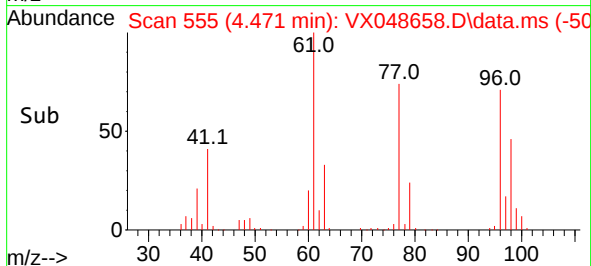
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 14976
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 279.6
 98 64.9 0.0 128.2

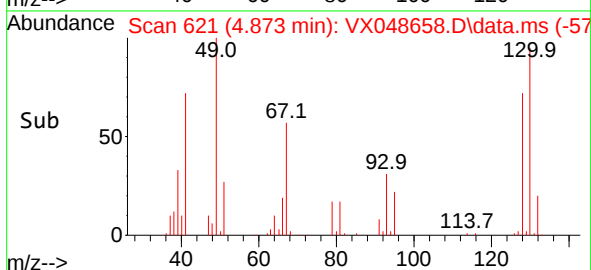
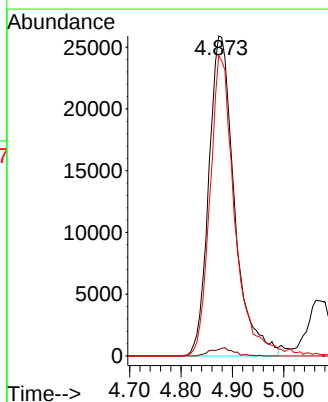
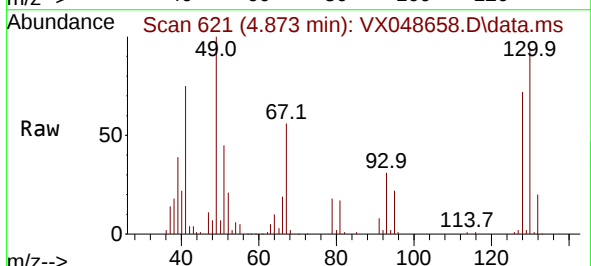
Manual Integrations
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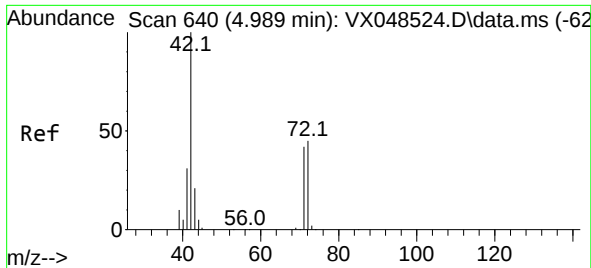
Reviewed By :John Carlone 11/26/2025
 Supervised By :Mahesh Dadoda 11/26/2025



#28
 Bromochloromethane
 Concen: 43.630 ug/l
 RT: 4.873 min Scan# 621
 Delta R.T. -0.012 min
 Lab File: VX048658.D
 Acq: 24 Nov 2025 13:08

Tgt Ion: 49 Resp: 89637
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 90.1 65.9 98.9





#29

Tetrahydrofuran

Concen: 249.385 ug/l

RT: 4.971 min Scan# 61

Delta R.T. -0.018 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 31783

Ion Ratio Lower Upper

42 100

72 48.8 36.3 54.5

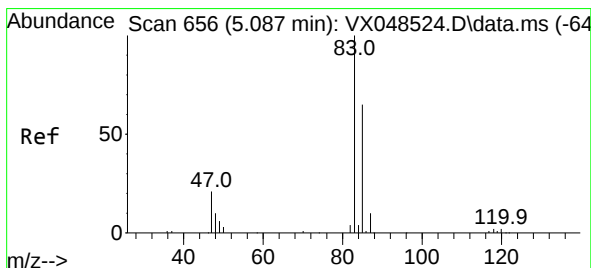
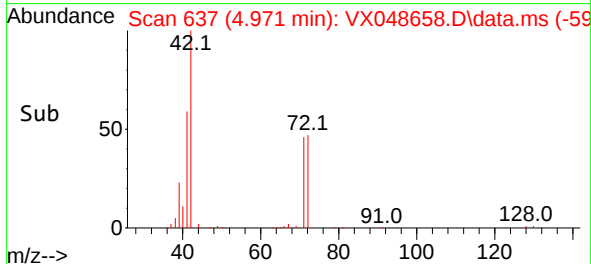
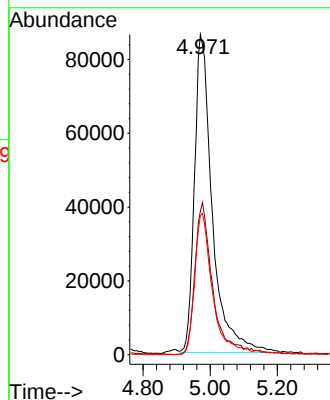
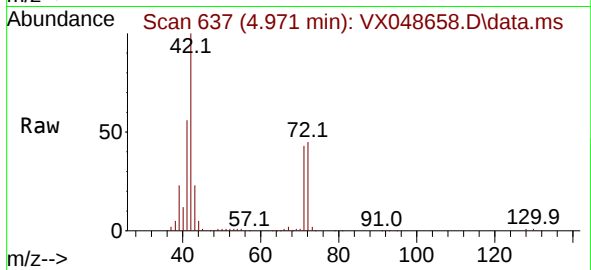
71 44.2 34.1 51.1

Manual Integrations

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Reviewed By :John Carlone 11/26/2025

Supervised By :Mahesh Dadoda 11/26/2025



#30

Chloroform

Concen: 53.137 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.012 min

Lab File: VX048658.D

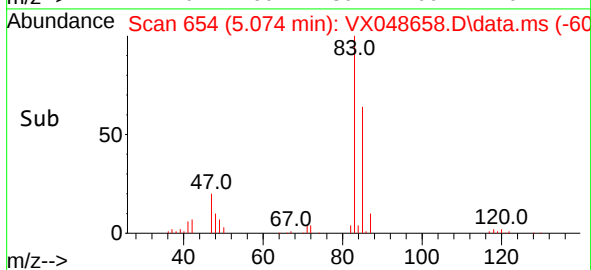
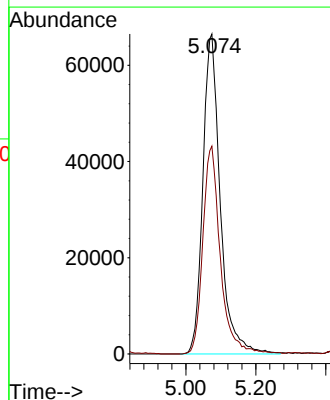
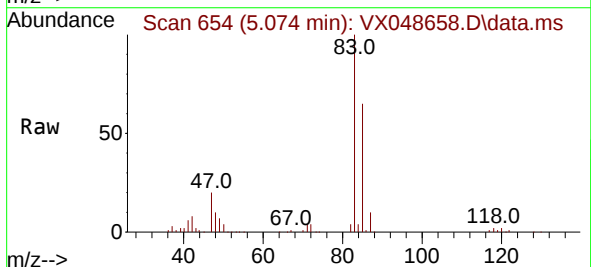
Acq: 24 Nov 2025 13:08

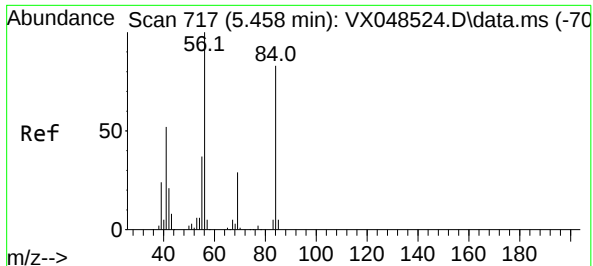
Tgt Ion: 83 Resp: 229416

Ion Ratio Lower Upper

83 100

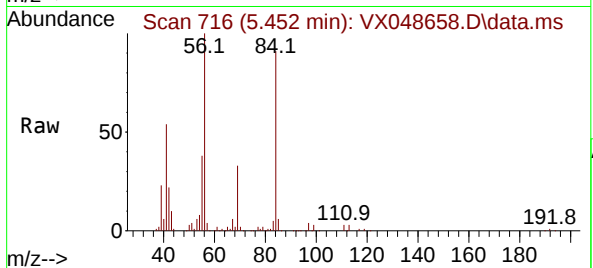
85 65.0 51.8 77.6





#31
Cyclohexane
Concen: 46.914 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

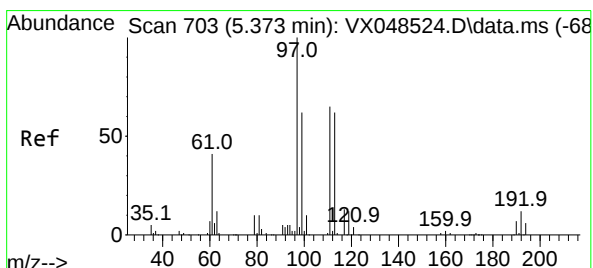
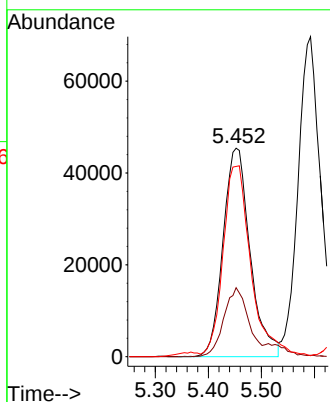
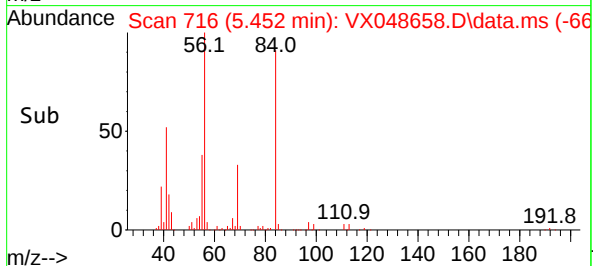
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 160758
Ion Ratio Lower Upper
56 100
69 33.1 23.4 35.2
84 89.9 66.3 99.5

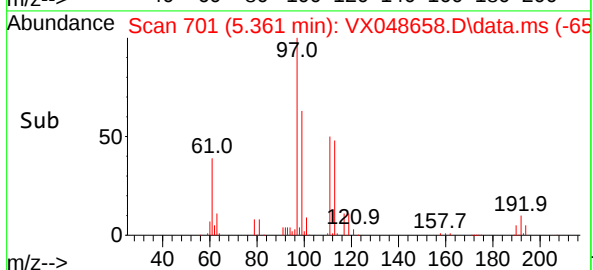
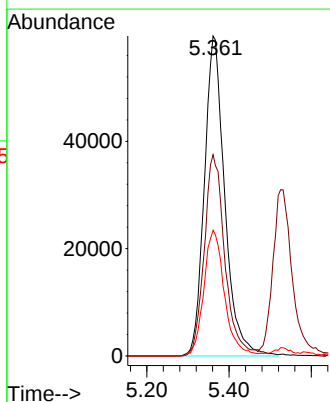
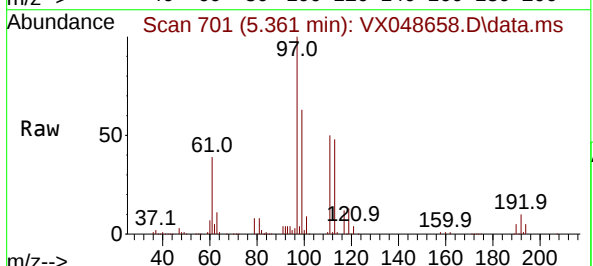
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#32
1,1,1-Trichloroethane
Concen: 54.480 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Tgt Ion: 97 Resp: 205278
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 39.7 33.4 50.2





#33
1,2-Dichloroethane-d4
Concen: 41.531 ug/l
RT: 5.934 min Scan# 797
Delta R.T. -0.012 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Instrument :

MSVOA_X

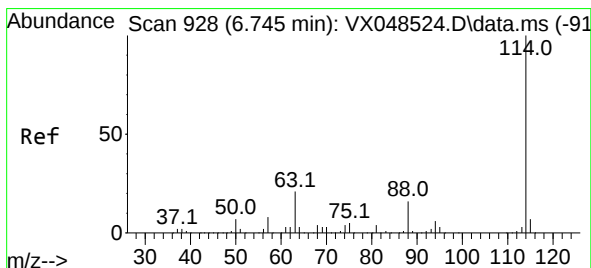
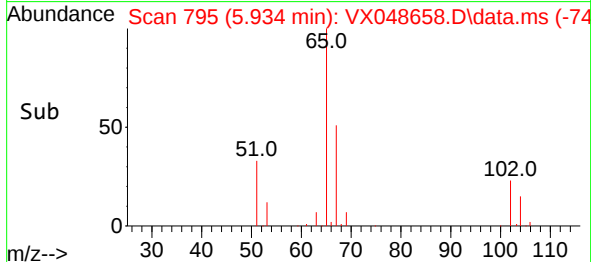
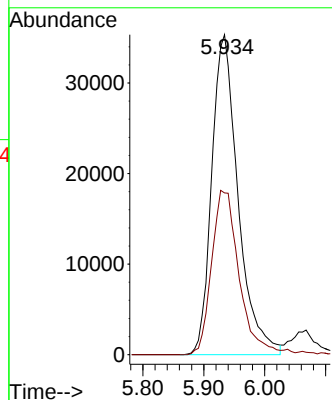
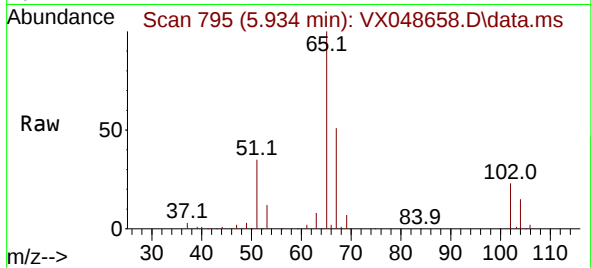
ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 10598
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.2

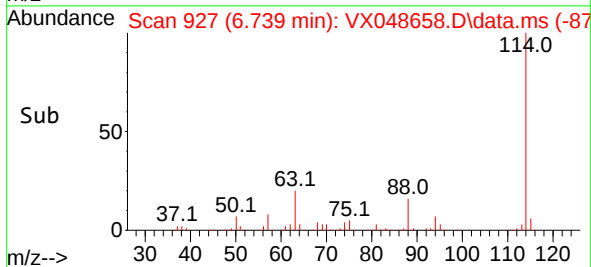
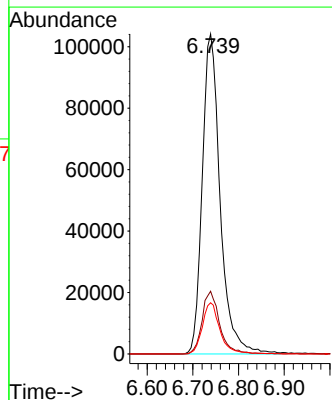
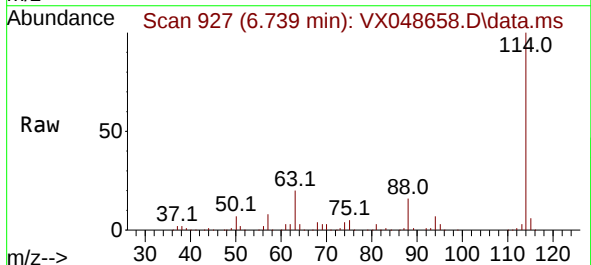
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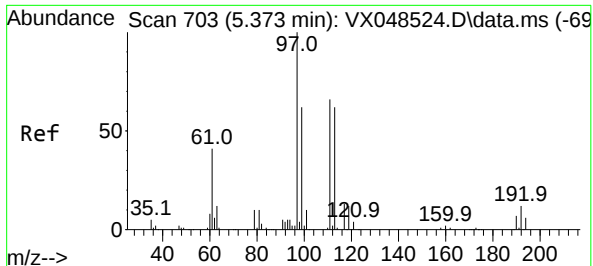
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

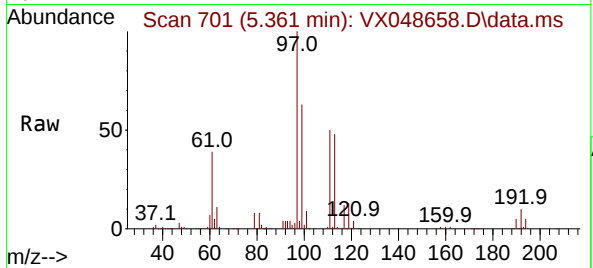
Tgt Ion:114 Resp: 283454
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.2
88 16.0 0.0 32.2





#35
Dibromofluoromethane
Concen: 44.760 ug/l
RT: 5.361 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

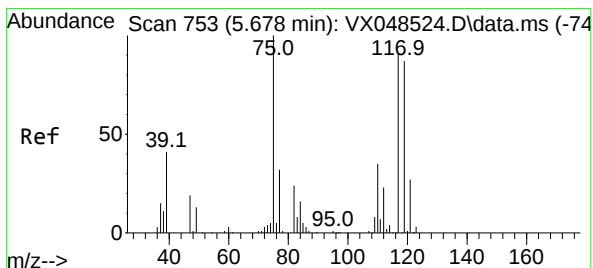
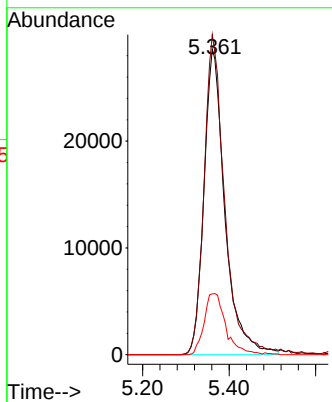
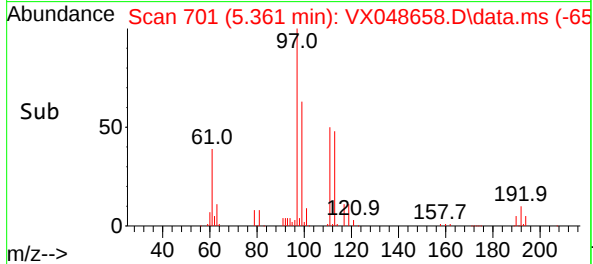
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 96020
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 20.7 15.8 23.6

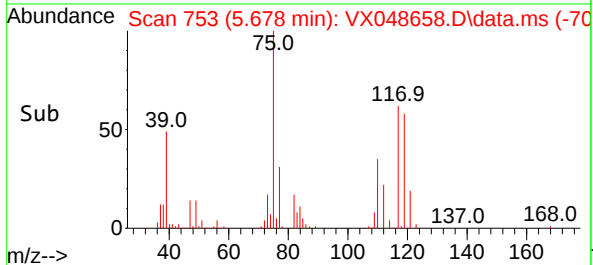
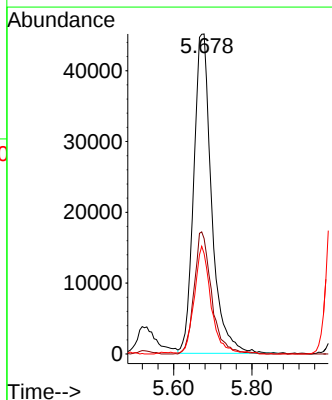
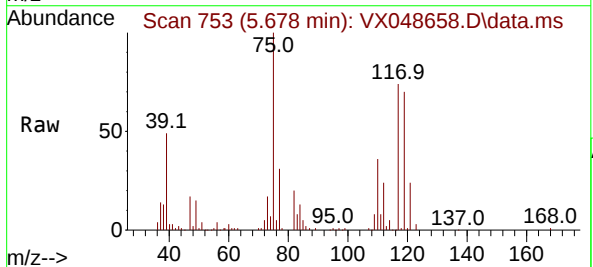
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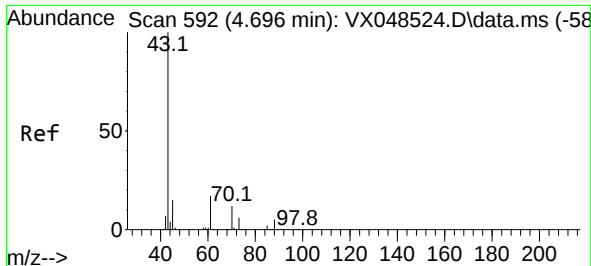
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#36
1,1-Dichloropropene
Concen: 50.009 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Tgt Ion: 75 Resp: 143661
Ion Ratio Lower Upper
75 100
110 37.3 18.4 55.4
77 30.4 24.6 37.0





#37

Ethyl Acetate

Concen: 58.771 ug/l

RT: 4.684 min Scan# 592

Delta R.T. -0.012 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 23765

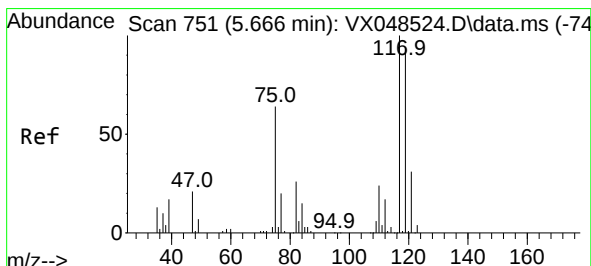
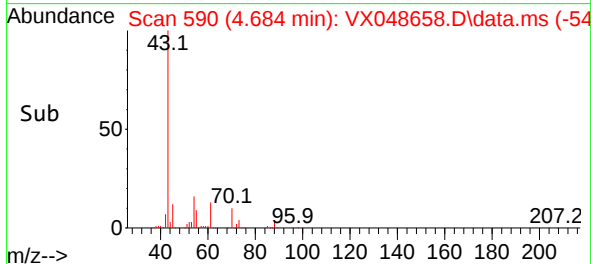
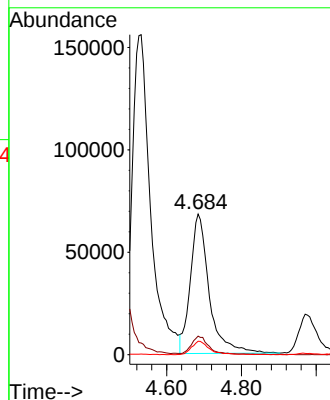
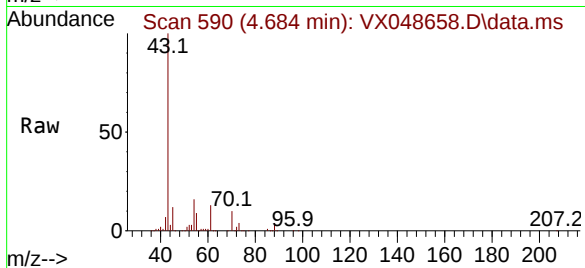
Ion	Ratio	Lower	Upper
43	100		
61	11.2	9.7	14.5
70	9.0	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2025

Supervised By :Mahesh Dadoda 11/26/2025



#38

Carbon Tetrachloride

Concen: 54.650 ug/l

RT: 5.653 min Scan# 749

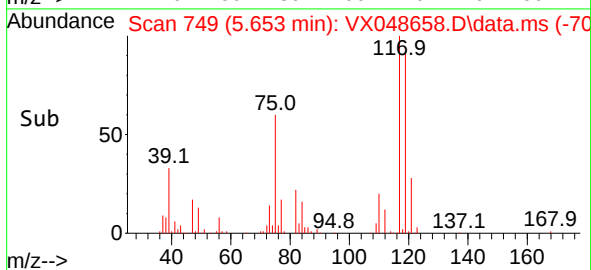
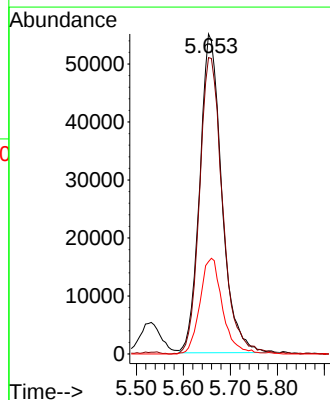
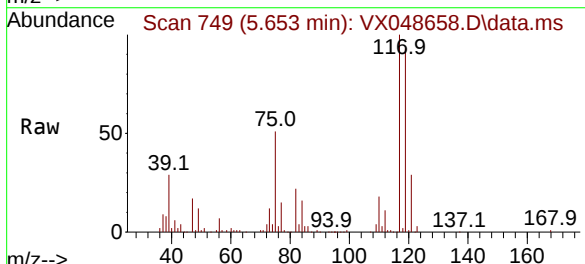
Delta R.T. -0.012 min

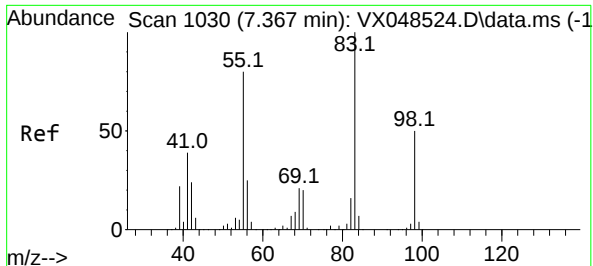
Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

Tgt Ion:117 Resp: 178714

Ion	Ratio	Lower	Upper
117	100		
119	92.7	74.5	111.7
121	28.9	24.8	37.2





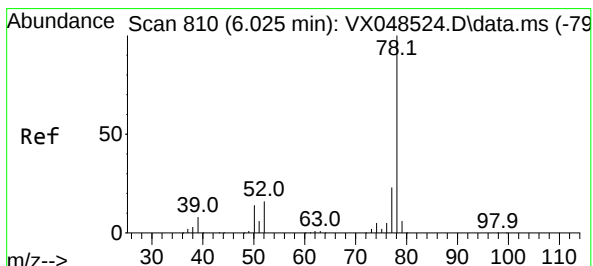
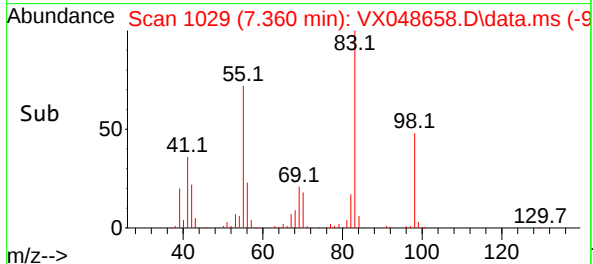
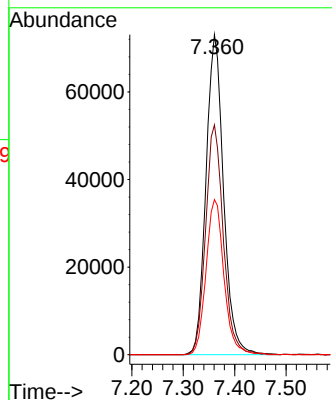
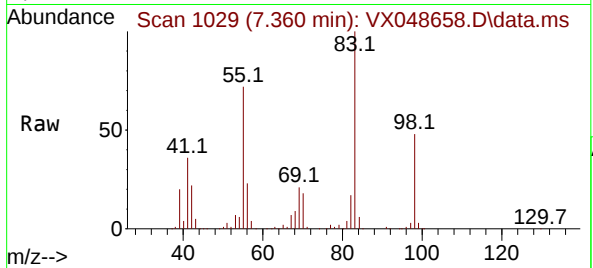
#39
Methylcyclohexane
Concen: 53.746 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 173362
Ion Ratio Lower Upper
83 100
55 71.8 63.8 95.6
98 48.5 40.3 60.5

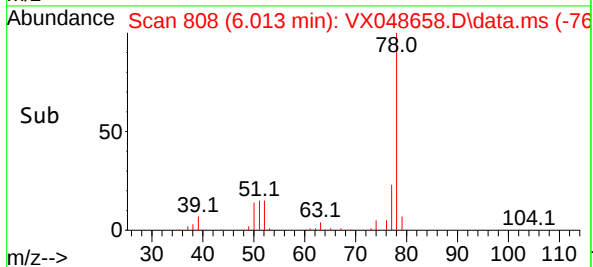
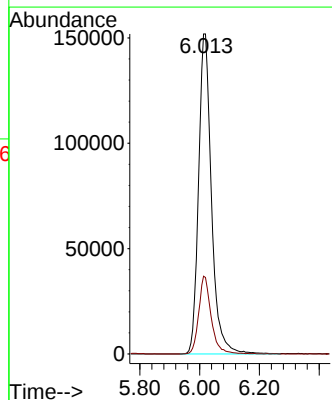
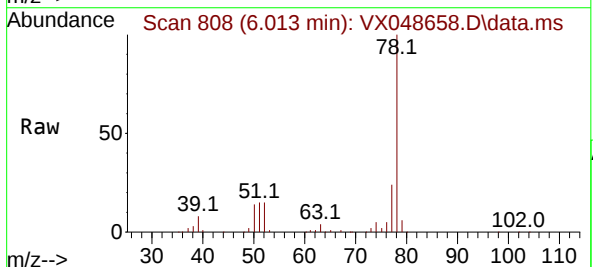
Manual Integrations
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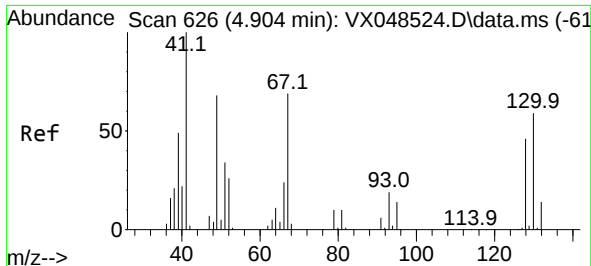
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#40
Benzene
Concen: 51.019 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

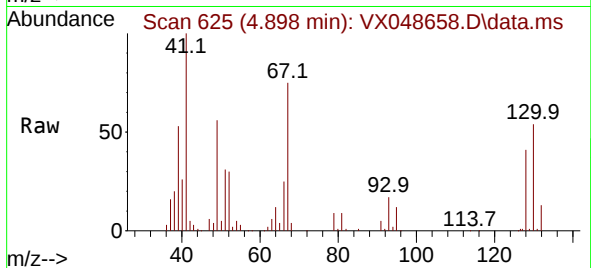
Tgt Ion: 78 Resp: 454316
Ion Ratio Lower Upper
78 100
77 24.3 18.3 27.5





#41
Methacrylonitrile
Concen: 54.636 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

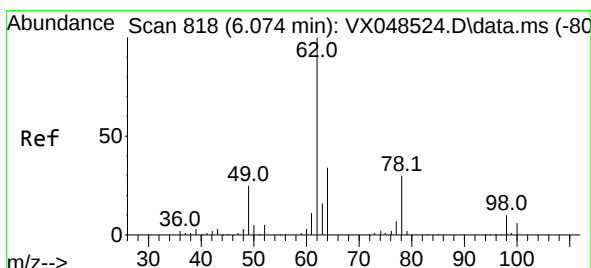
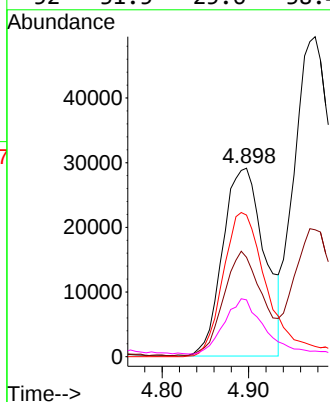
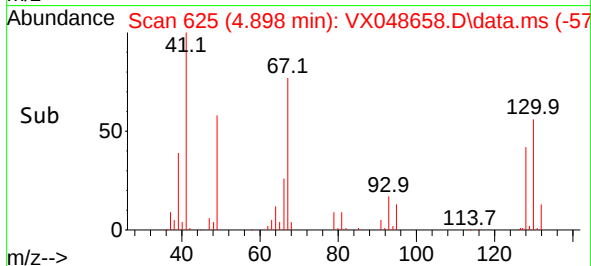
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 9716
Ion Ratio Lower Upper
41 100
39 52.1 41.1 61.7
67 84.7 64.2 96.2
52 31.5 25.6 38.4

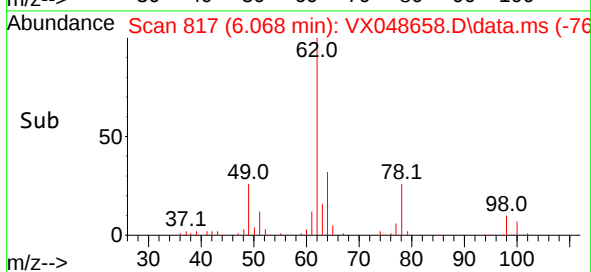
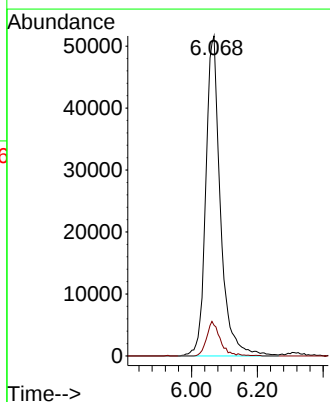
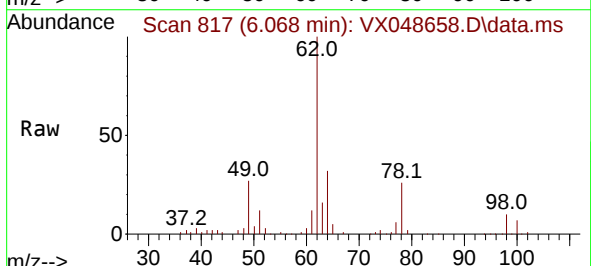
Manual Integrations
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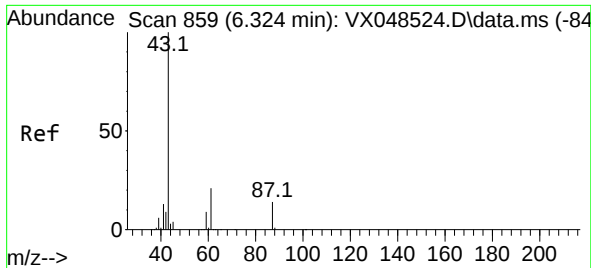
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#42
1,2-Dichloroethane
Concen: 52.419 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

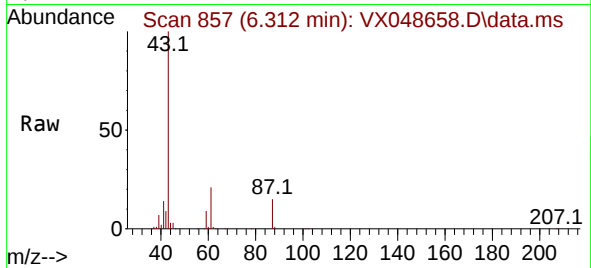
Tgt Ion: 62 Resp: 159934
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.6





#43
Isopropyl Acetate
Concen: 50.646 ug/l
RT: 6.312 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

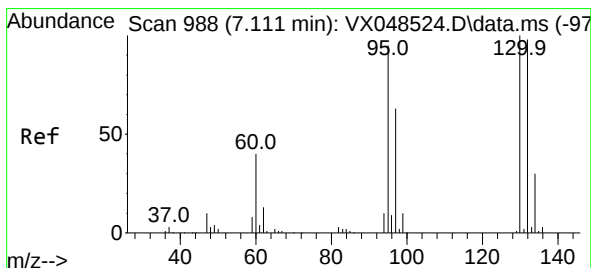
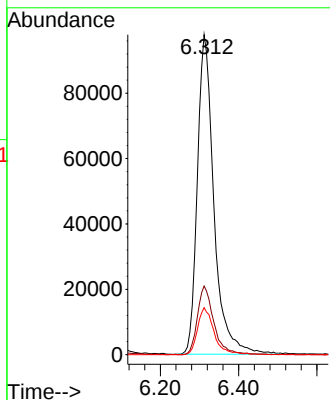
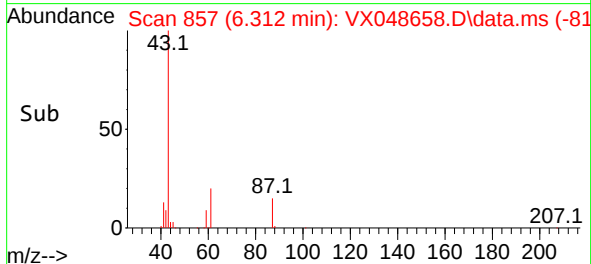
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 28788
Ion Ratio Lower Upper
43 100
61 21.3 16.2 24.4
87 14.7 10.9 16.3

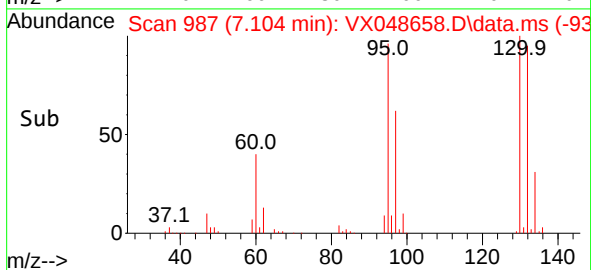
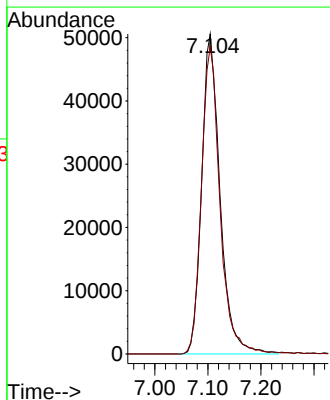
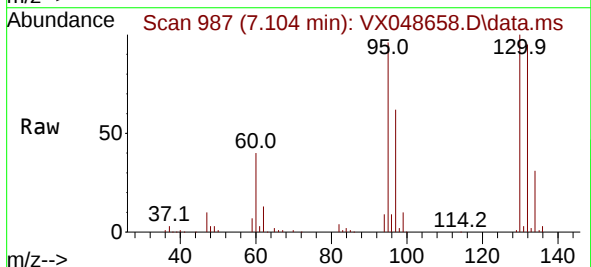
Manual Integrations
APPROVED

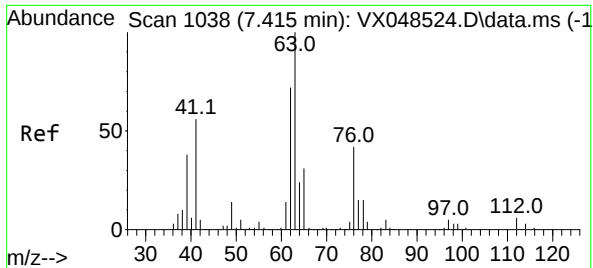
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#44
Trichloroethene
Concen: 57.167 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

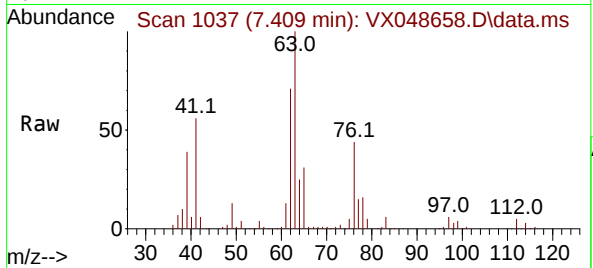
Tgt Ion:130 Resp: 121680
Ion Ratio Lower Upper
130 100
95 96.0 0.0 190.2





#45
1,2-Dichloropropane
Concen: 55.751 ug/l
RT: 7.409 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

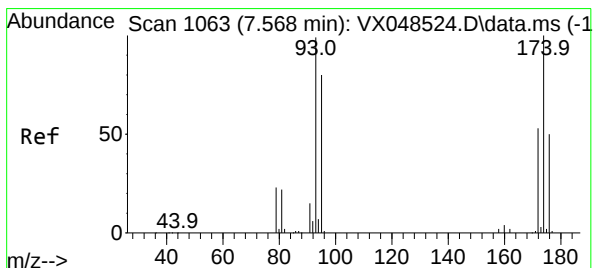
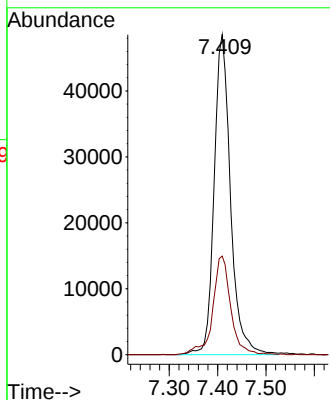
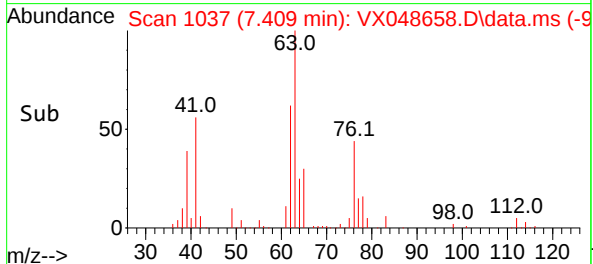
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 114149
Ion Ratio Lower Upper
63 100
65 30.7 24.9 37.3

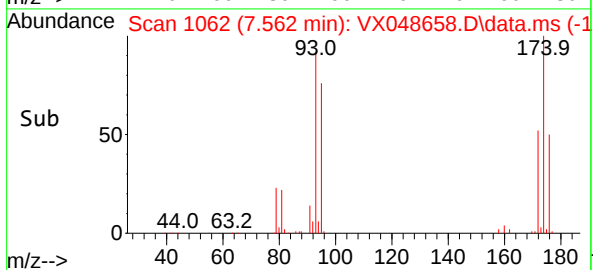
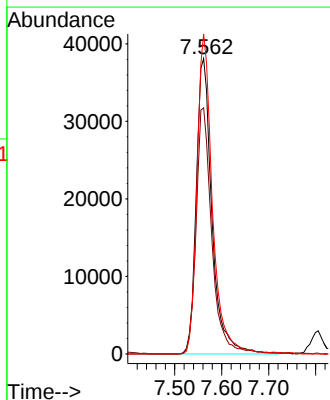
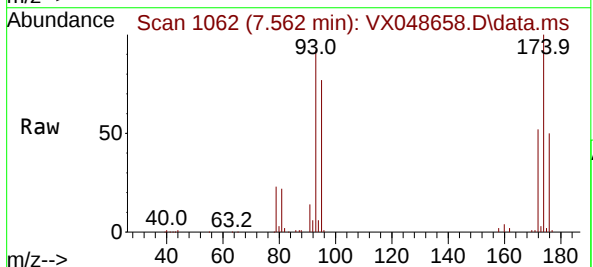
Manual Integrations
APPROVED

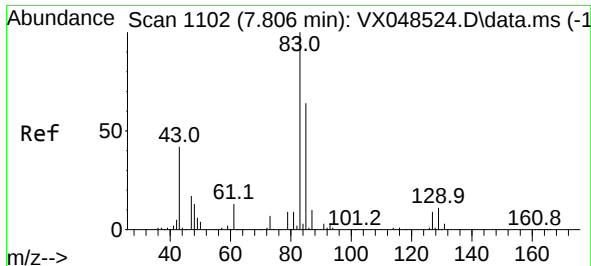
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#46
Dibromomethane
Concen: 59.631 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Tgt Ion: 93 Resp: 89051
Ion Ratio Lower Upper
93 100
95 82.9 67.6 101.4
174 106.2 83.0 124.6





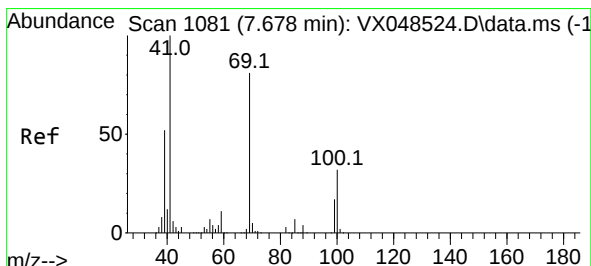
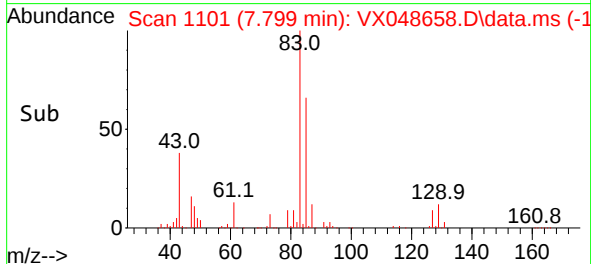
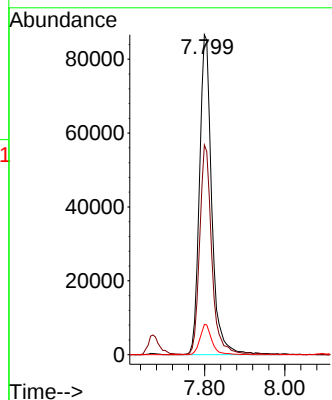
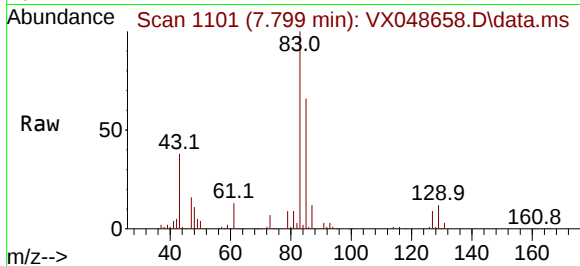
#47
Bromodichloromethane
Concen: 61.817 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 18416
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.0
127 9.4 7.0 10.4

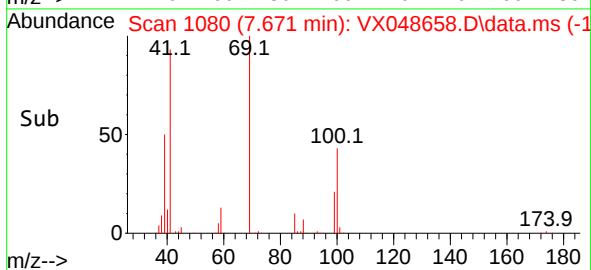
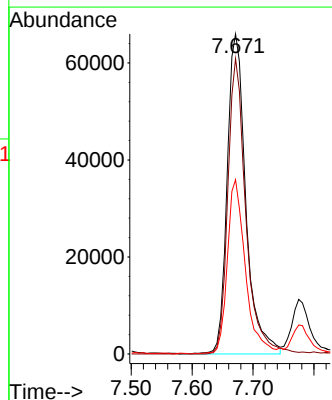
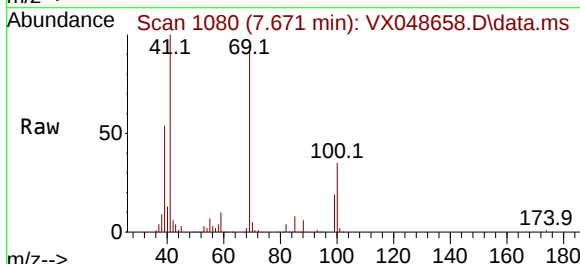
Manual Integrations
APPROVED

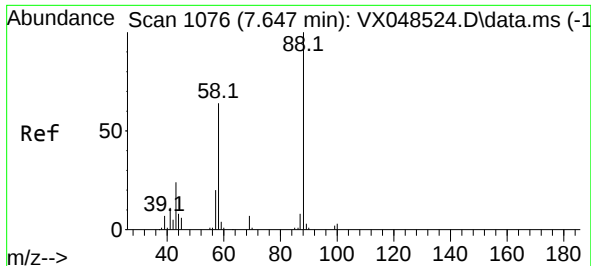
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#48
Methyl methacrylate
Concen: 55.656 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Tgt Ion: 41 Resp: 140636
Ion Ratio Lower Upper
41 100
69 89.2 67.9 101.9
39 52.6 42.2 63.2





#49

1,4-Dioxane

Concen: 1382.790 ug/l

RT: 7.635 min Scan# 1076

Delta R.T. -0.012 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5324

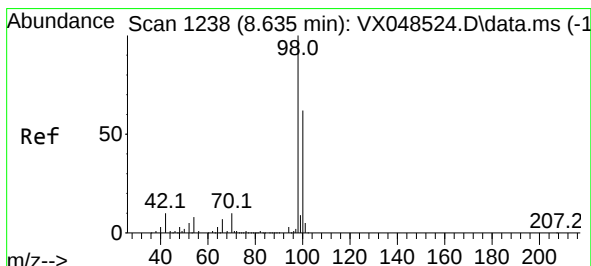
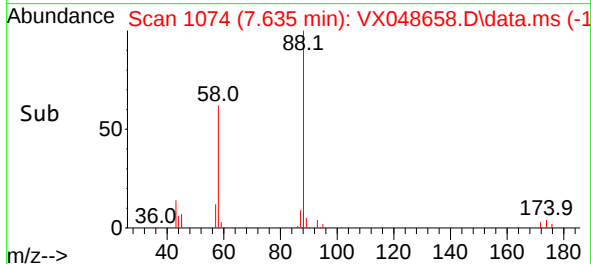
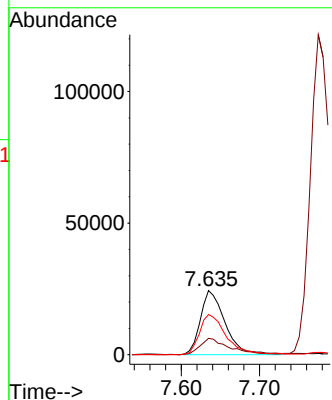
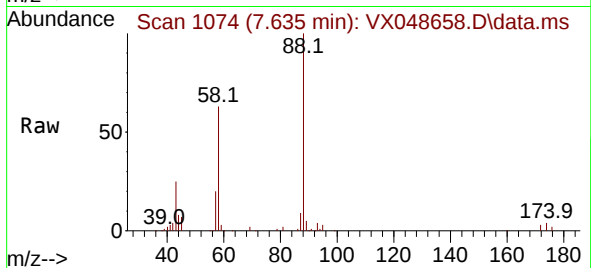
Ion	Ratio	Lower	Upper
88	100		
43	30.4	25.1	37.7
58	66.9	56.7	85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2025

Supervised By :Mahesh Dadoda 11/26/2025



#50

Toluene-d8

Concen: 45.263 ug/l

RT: 8.629 min Scan# 1237

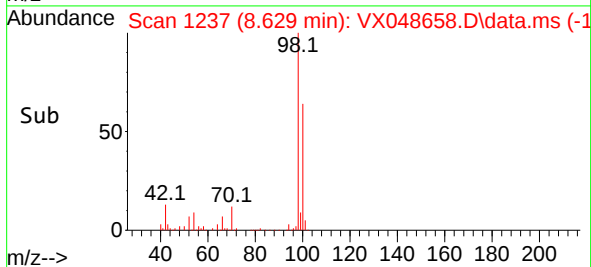
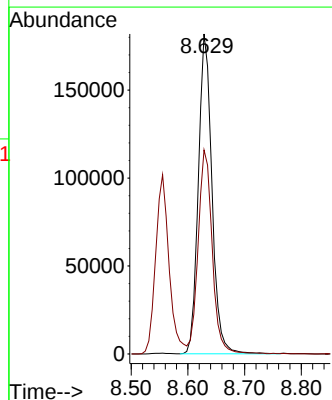
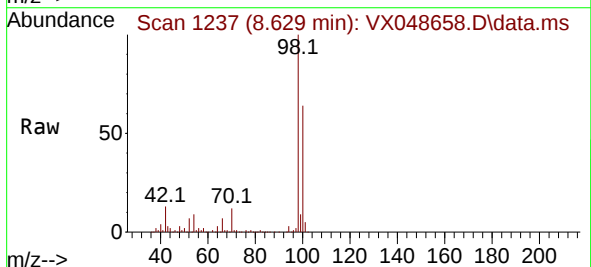
Delta R.T. -0.006 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

Tgt Ion: 98 Resp: 302858

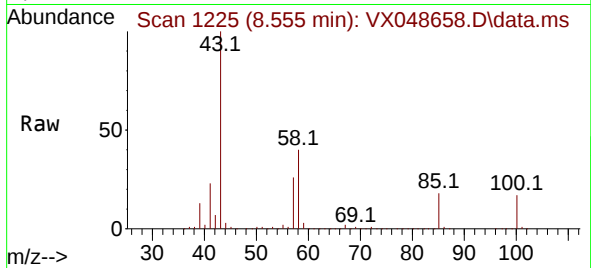
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.6	80.4





#51
4-Methyl-2-Pentanone
Concen: 330.691 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

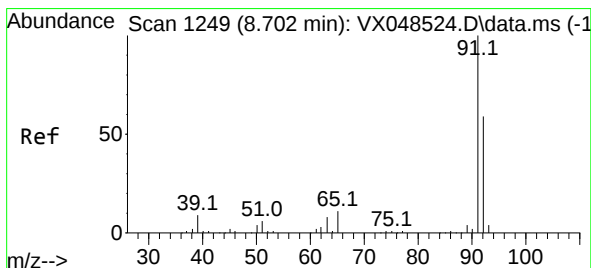
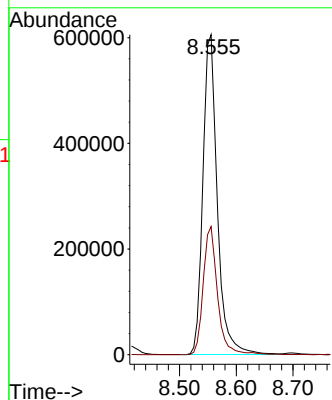
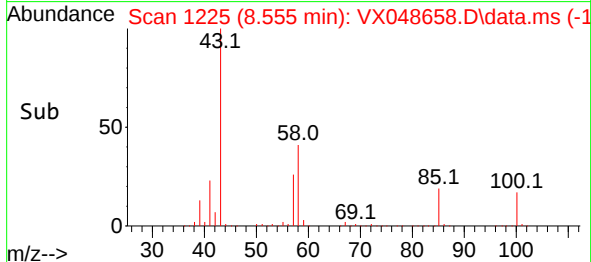
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 107001
Ion Ratio Lower Upper
43 100
58 39.8 32.3 48.5

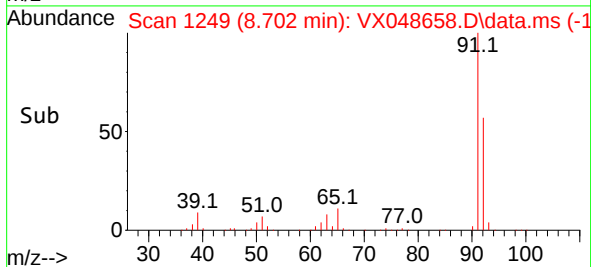
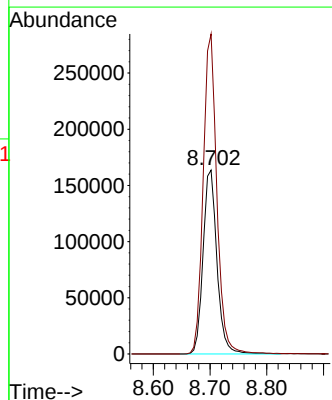
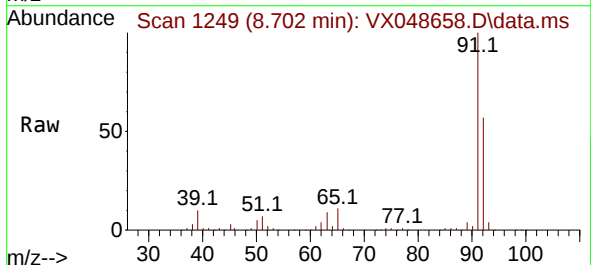
Manual Integrations
APPROVED

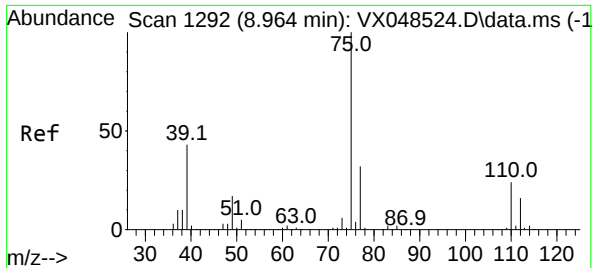
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#52
Toluene
Concen: 59.310 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Tgt Ion: 92 Resp: 278058
Ion Ratio Lower Upper
92 100
91 171.3 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 60.840 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 186760

Ion Ratio Lower Upper

75 100

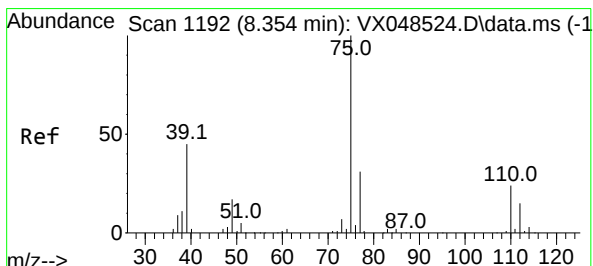
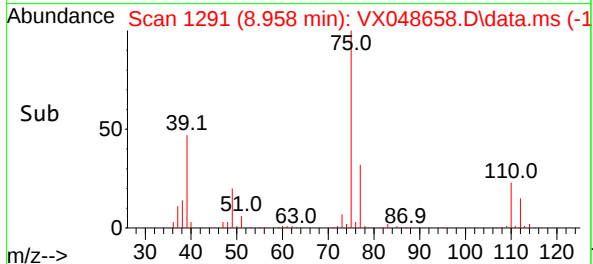
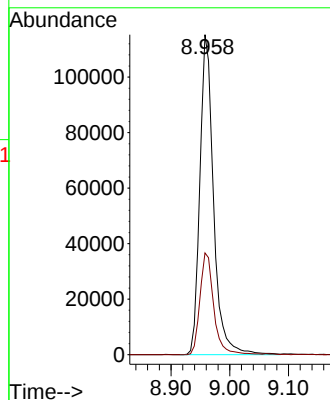
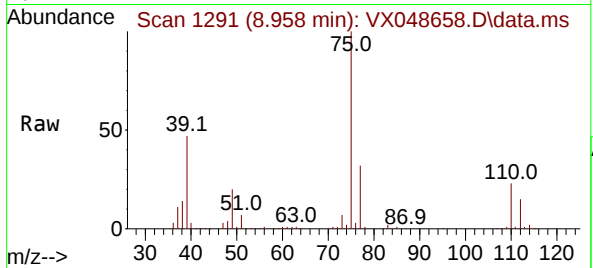
77 31.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2025

Supervised By :Mahesh Dadoda 11/26/2025



#54

cis-1,3-Dichloropropene

Concen: 64.944 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

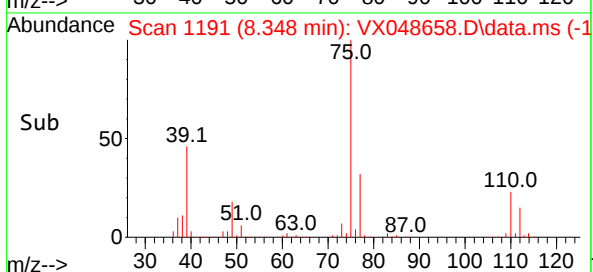
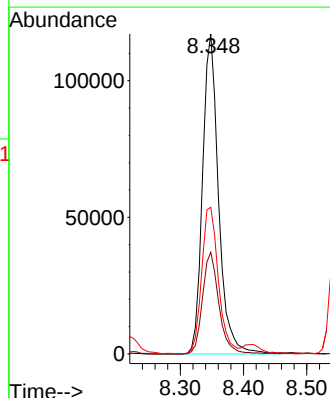
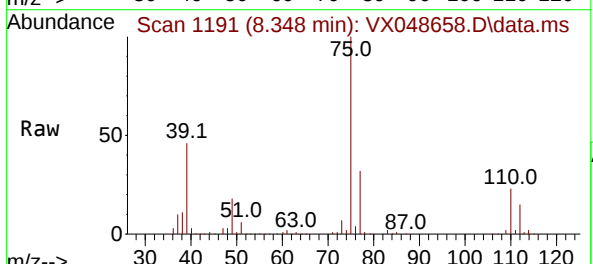
Tgt Ion: 75 Resp: 206435

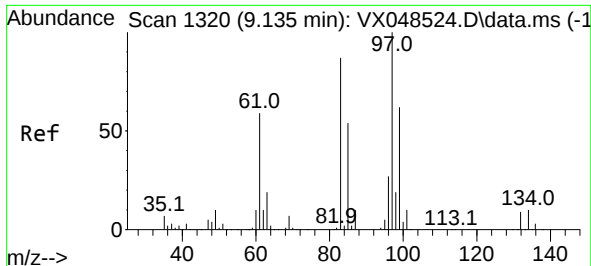
Ion Ratio Lower Upper

75 100

77 31.8 24.7 37.1

39 45.7 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 63.802 ug/l

RT: 9.135 min Scan# 11950

Delta R.T. -0.000 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 11950

Ion Ratio Lower Upper

97 100

83 84.9 69.2 103.8

85 54.6 42.8 64.2

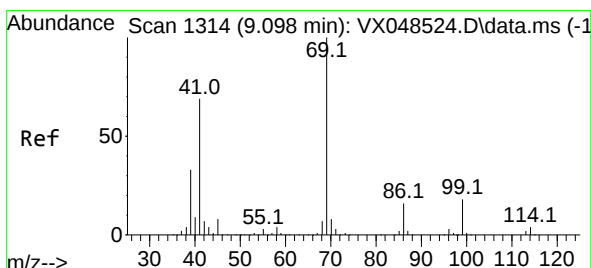
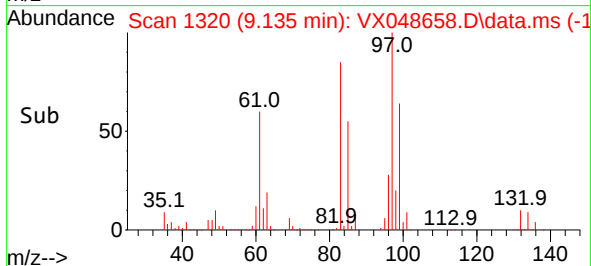
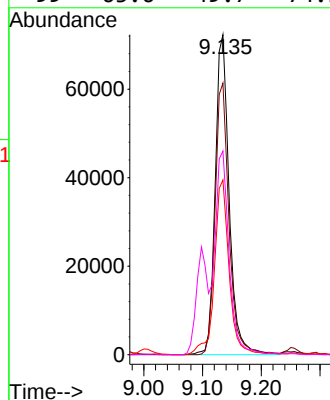
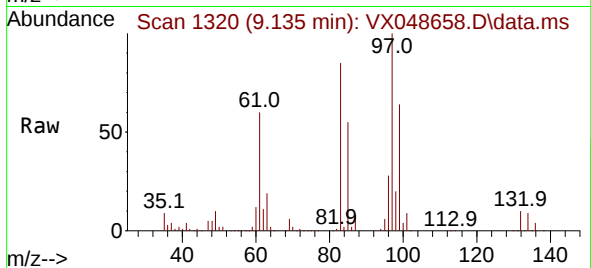
99 63.6 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2025

Supervised By :Mahesh Dadoda 11/26/2025



#56

Ethyl methacrylate

Concen: 63.424 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

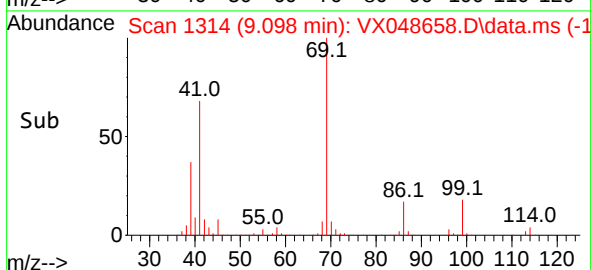
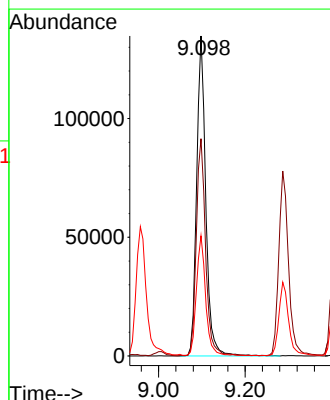
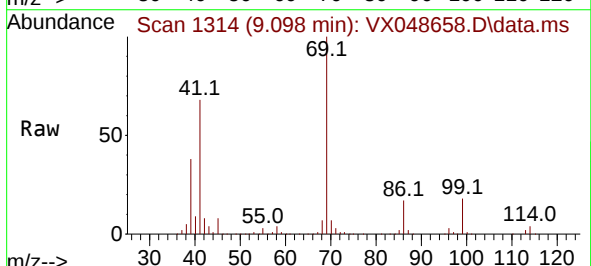
Tgt Ion: 69 Resp: 197650

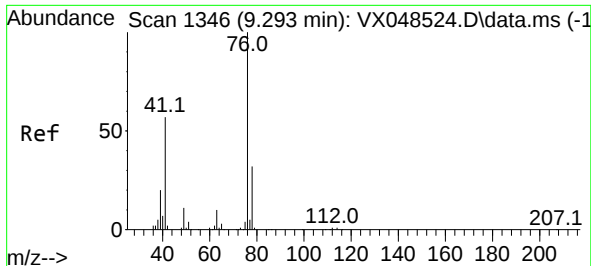
Ion Ratio Lower Upper

69 100

41 69.1 53.3 79.9

39 37.7 26.1 39.1





#57

1,3-Dichloropropane

Concen: 61.492 ug/l

RT: 9.287 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 20048

Ion Ratio Lower Upper

76 100

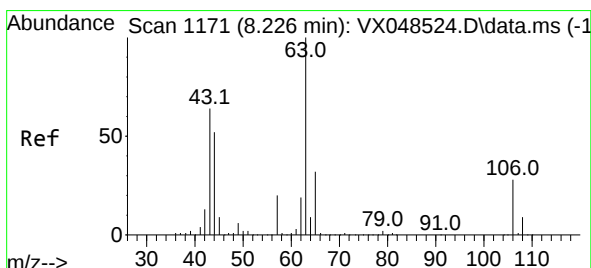
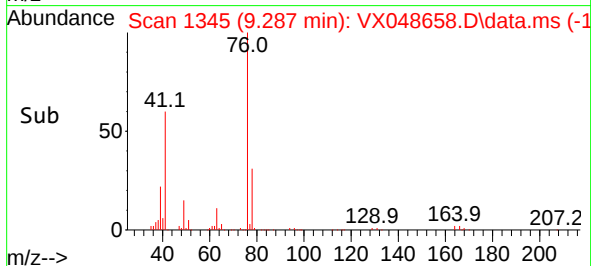
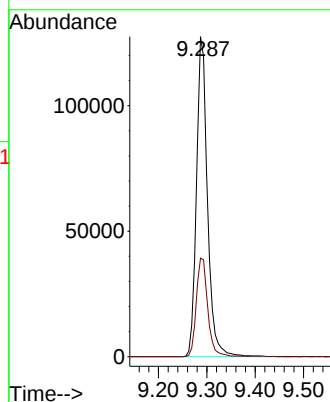
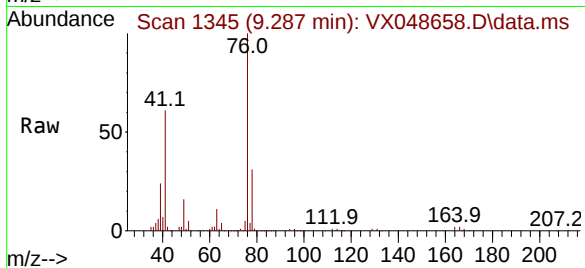
78 32.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2025

Supervised By :Mahesh Dadoda 11/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 327.424 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048658.D

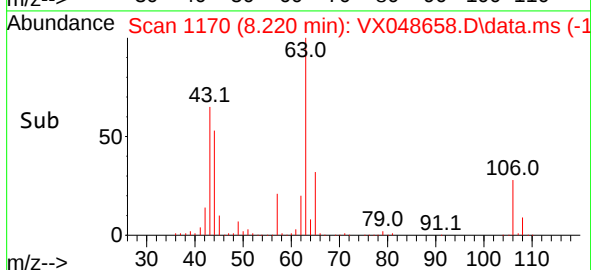
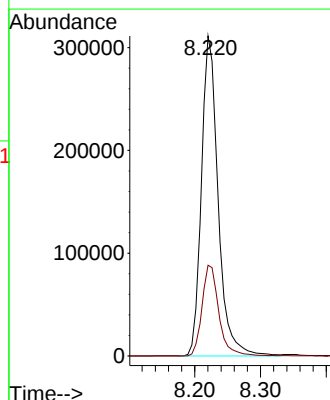
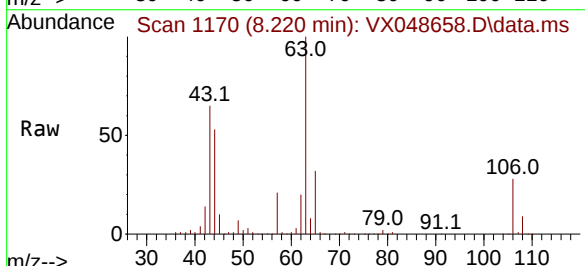
Acq: 24 Nov 2025 13:08

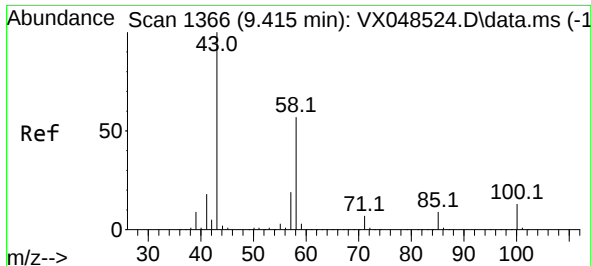
Tgt Ion: 63 Resp: 548581

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.4





#59

2-Hexanone

Concen: 321.000 ug/l

RT: 9.409 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 77261

Ion Ratio Lower Upper

43 100

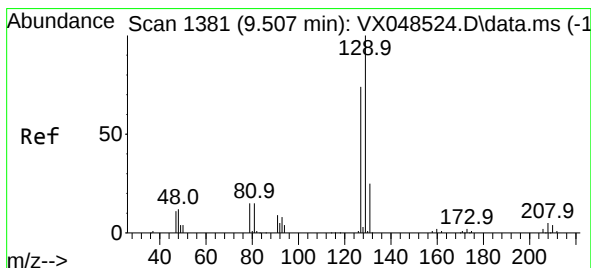
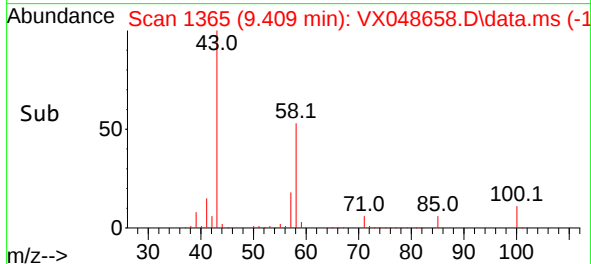
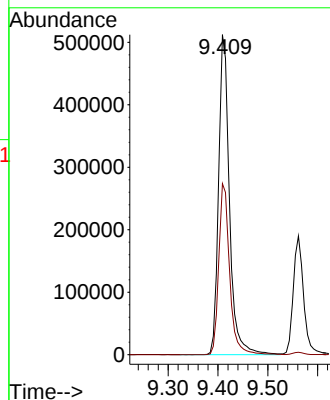
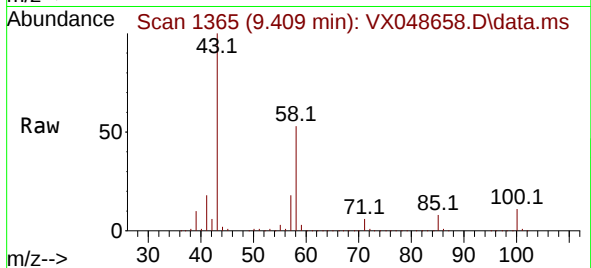
58 53.7 28.1 84.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2025

Supervised By :Mahesh Dadoda 11/26/2025



#60

Dibromochloromethane

Concen: 66.111 ug/l

RT: 9.500 min Scan# 1380

Delta R.T. -0.006 min

Lab File: VX048658.D

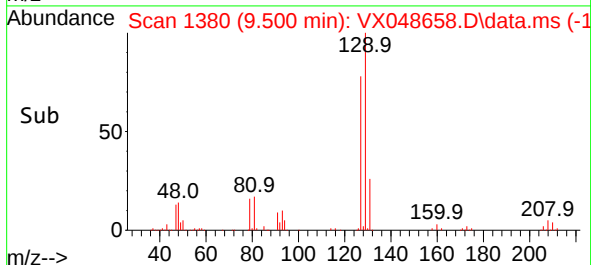
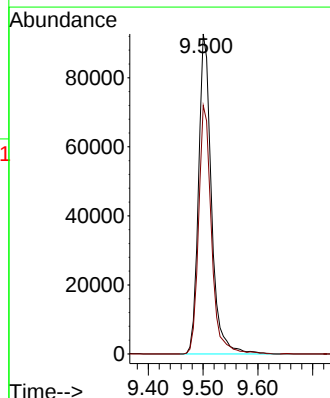
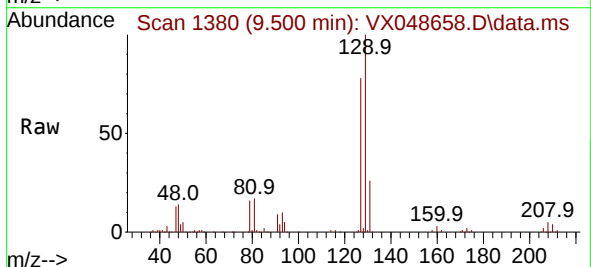
Acq: 24 Nov 2025 13:08

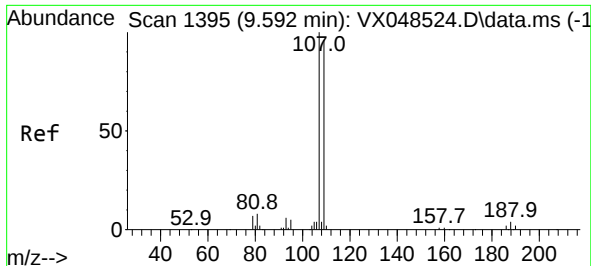
Tgt Ion:129 Resp: 152039

Ion Ratio Lower Upper

129 100

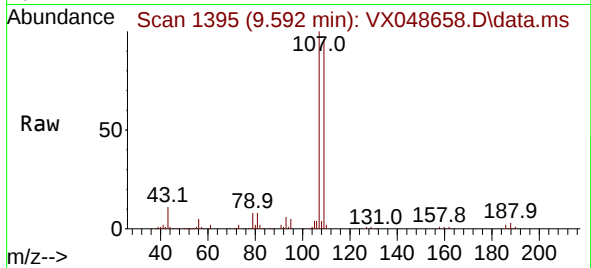
127 77.5 38.0 114.0





#61
1,2-Dibromoethane
Concen: 64.163 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

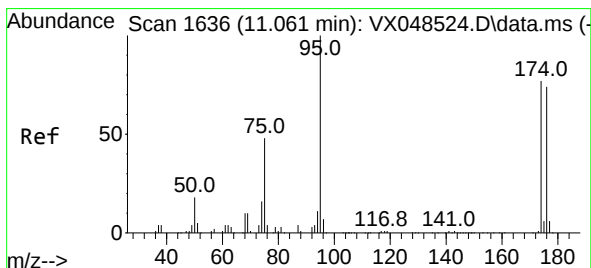
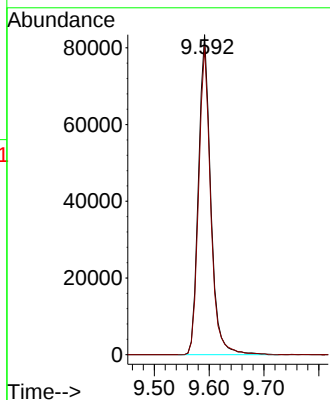
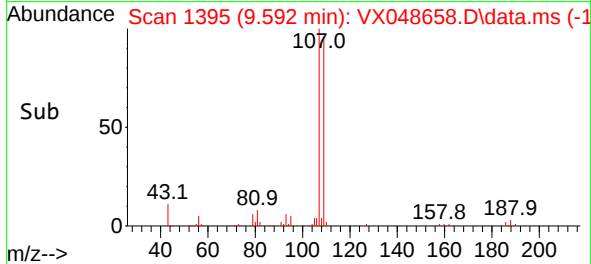
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 130172
Ion Ratio Lower Upper
107 100
109 94.5 75.3 112.9

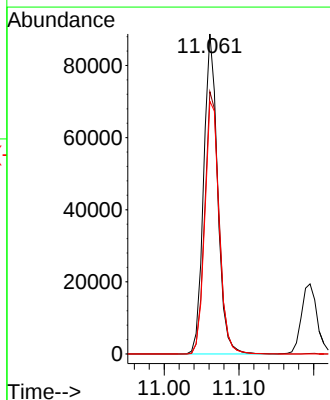
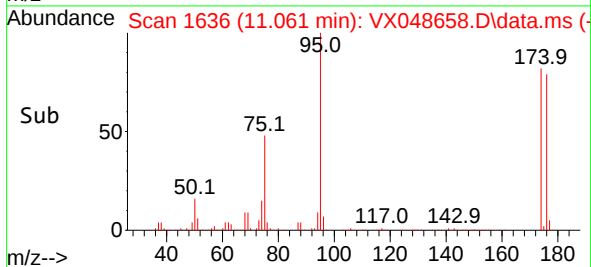
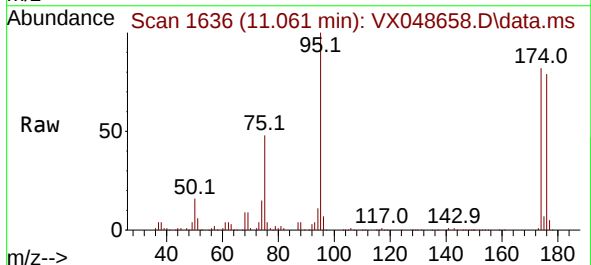
Manual Integrations
APPROVED

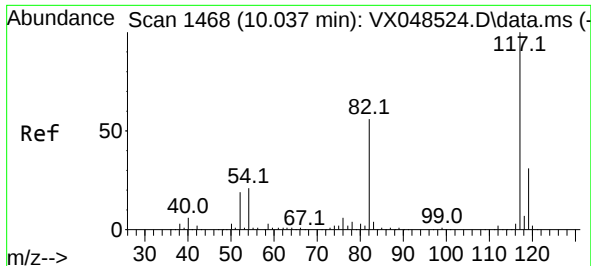
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#62
4-Bromofluorobenzene
Concen: 46.012 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

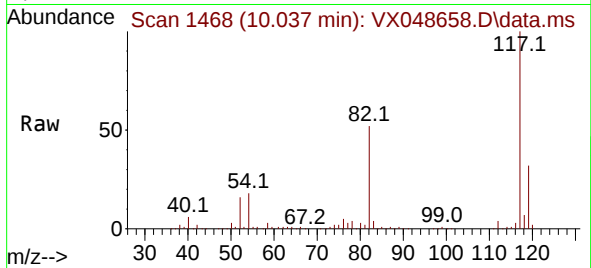
Tgt Ion: 95 Resp: 114733
Ion Ratio Lower Upper
95 100
174 84.6 0.0 161.8
176 81.7 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

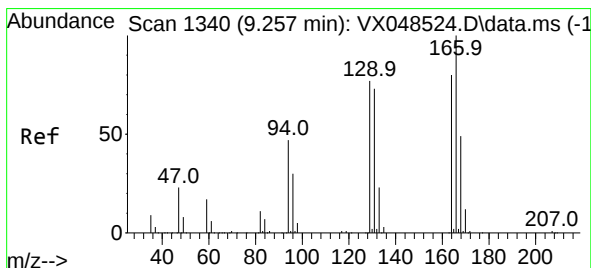
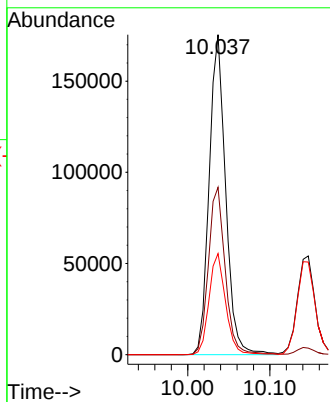
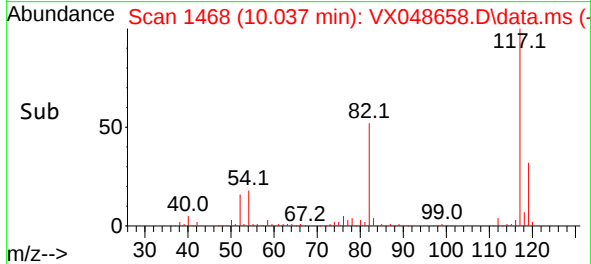
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 244360
Ion Ratio Lower Upper
117 100
82 52.3 44.4 66.6
119 31.6 25.1 37.7

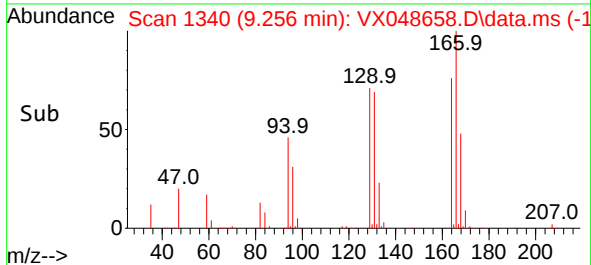
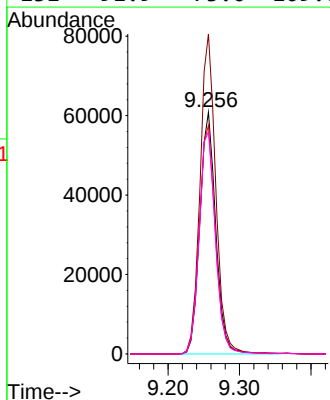
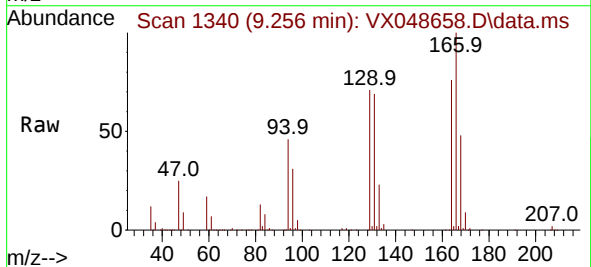
Manual Integrations
APPROVED

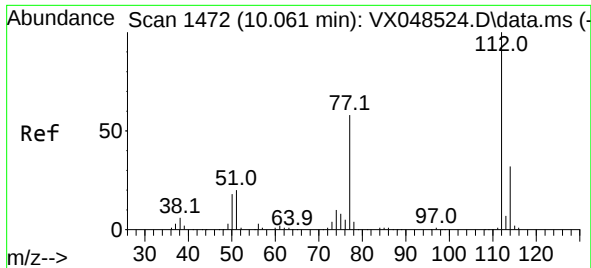
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#64
Tetrachloroethene
Concen: 52.999 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Tgt Ion:164 Resp: 94068
Ion Ratio Lower Upper
164 100
166 132.3 100.6 150.8
129 94.6 77.6 116.4
131 91.9 73.0 109.6





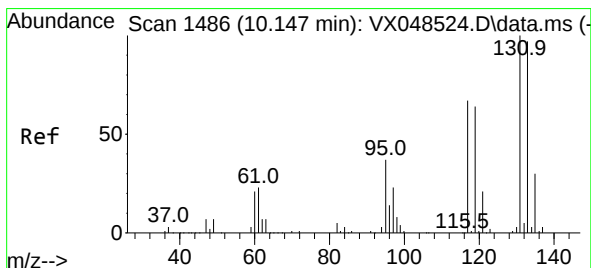
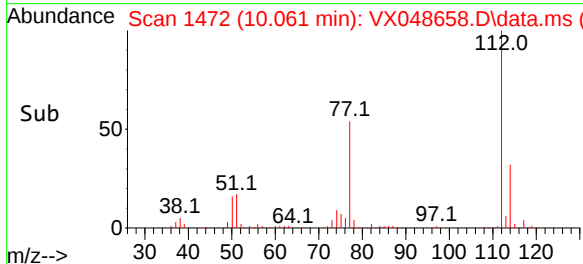
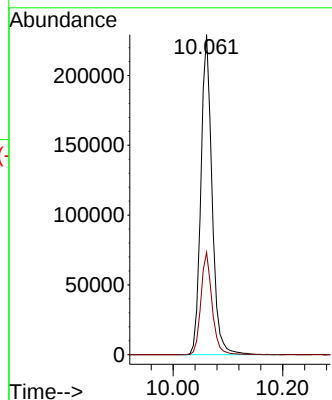
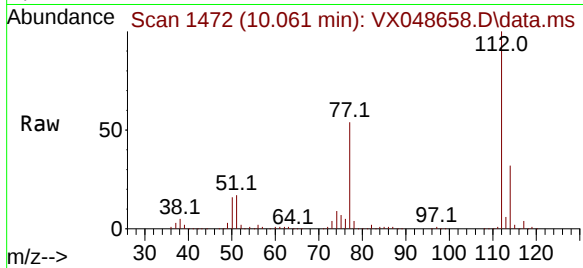
#65
Chlorobenzene
Concen: 55.858 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 32398
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3

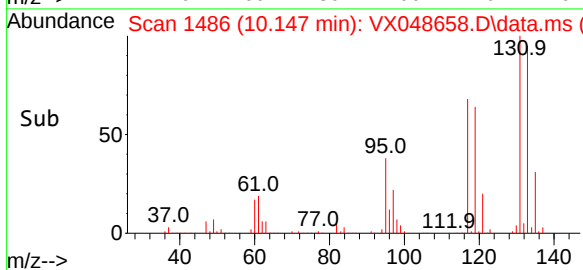
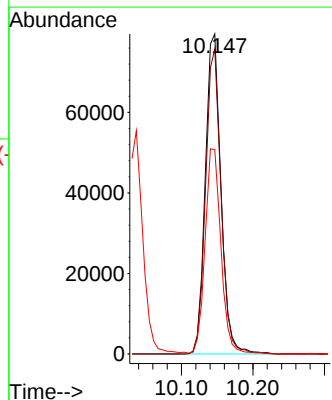
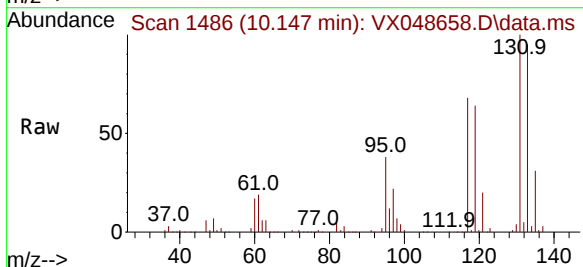
Manual Integrations
APPROVED

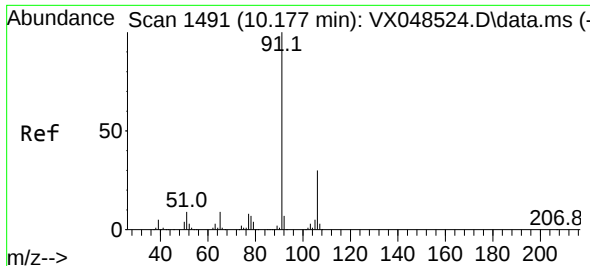
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 62.168 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

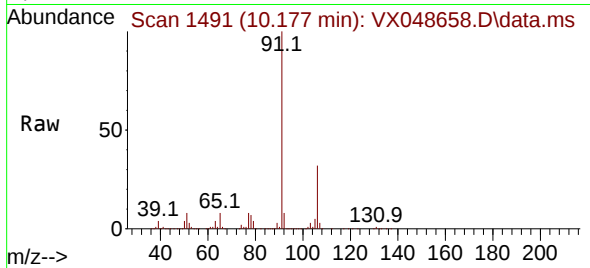
Tgt Ion:131 Resp: 120818
Ion Ratio Lower Upper
131 100
133 94.2 47.9 143.7
119 65.1 32.8 98.3





#67
Ethyl Benzene
Concen: 55.141 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

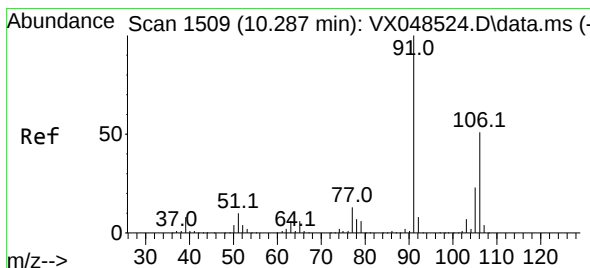
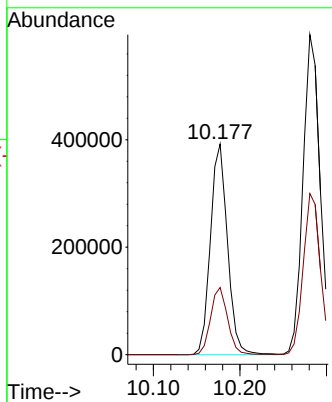
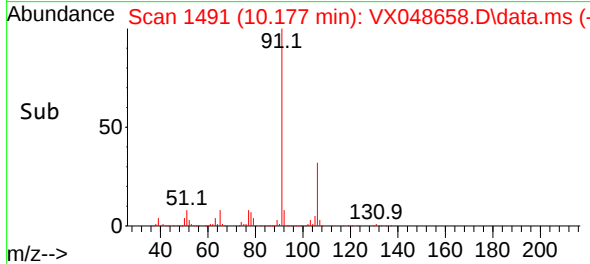
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 537059
Ion Ratio Lower Upper
91 100
106 31.9 24.1 36.1

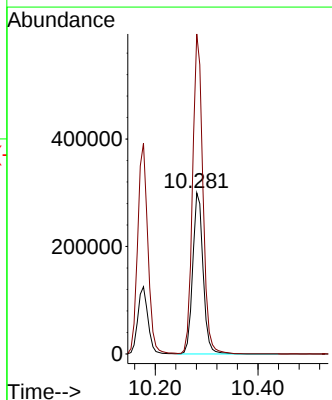
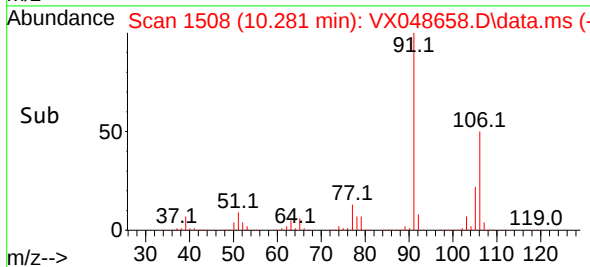
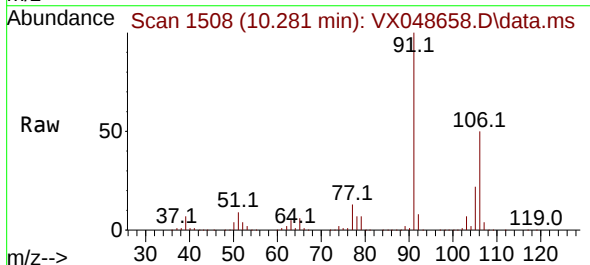
Manual Integrations
APPROVED

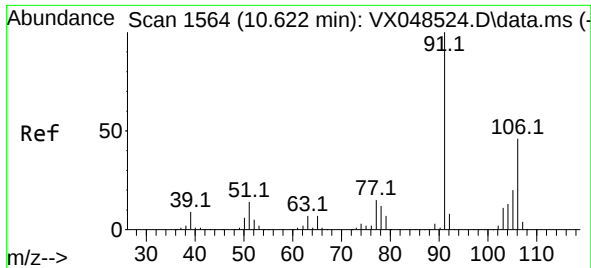
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#68
m/p-Xylenes
Concen: 114.561 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Tgt Ion:106 Resp: 420233
Ion Ratio Lower Upper
106 100
91 197.1 159.6 239.4





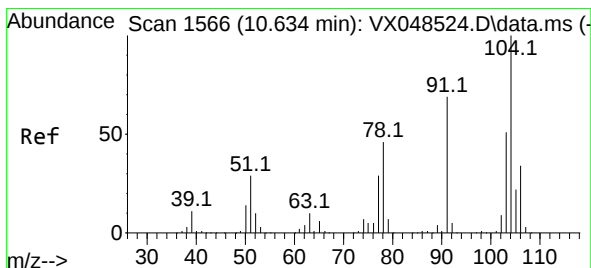
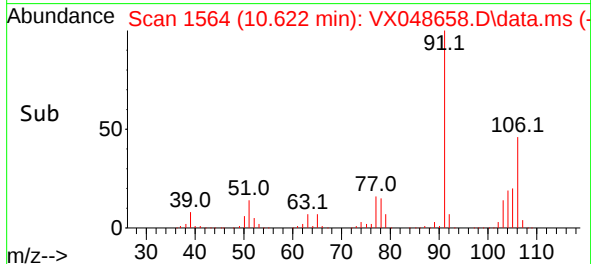
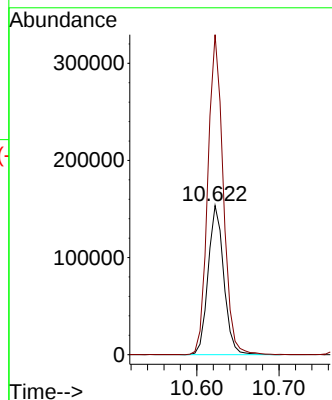
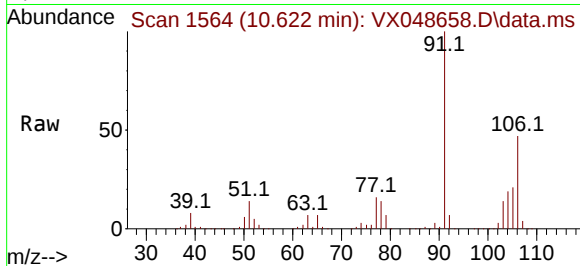
#69
o-Xylene
Concen: 56.538 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 202910
Ion Ratio Lower Upper
106 100
91 210.8 106.4 319.2

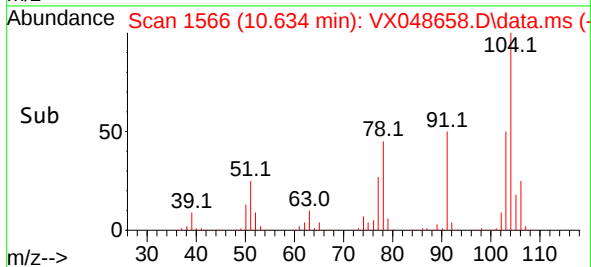
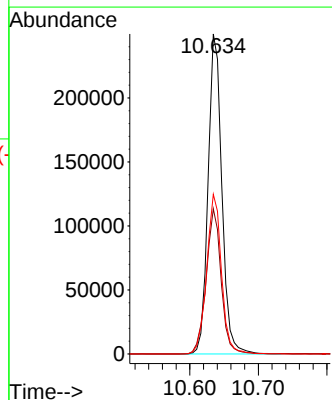
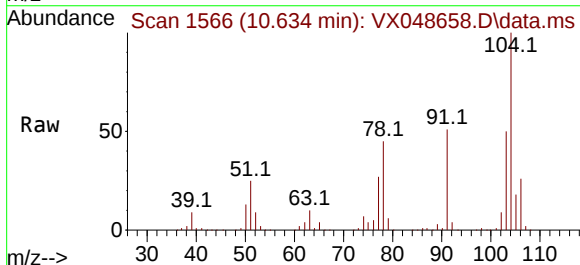
Manual Integrations
APPROVED

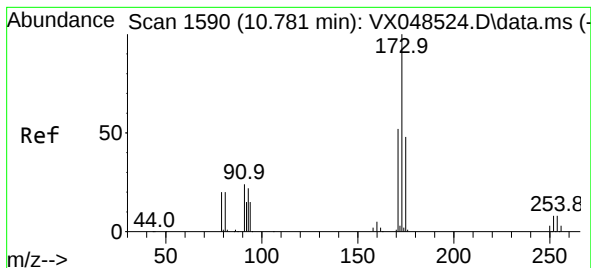
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#70
Styrene
Concen: 58.099 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Tgt Ion:104 Resp: 349778
Ion Ratio Lower Upper
104 100
78 49.2 39.4 59.2
103 53.8 43.1 64.7





#71

Bromoform

Concen: 62.550 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 112149

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.4

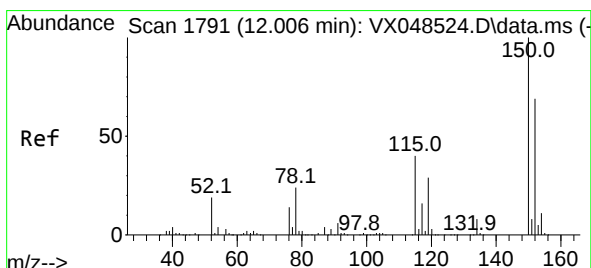
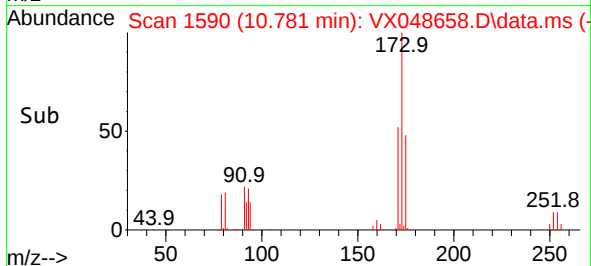
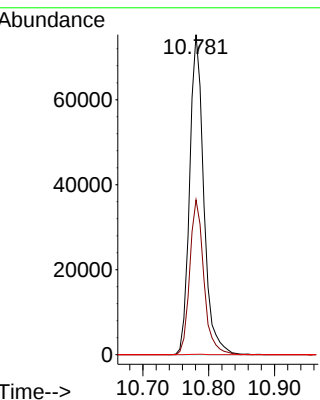
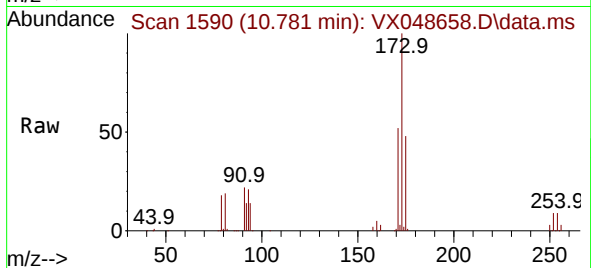
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2025

Supervised By :Mahesh Dadoda 11/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

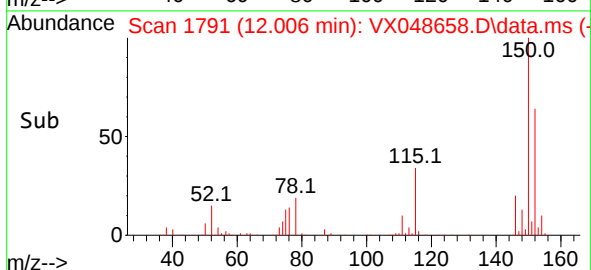
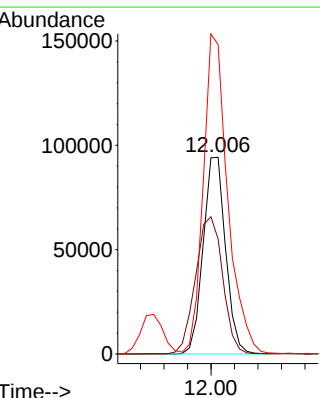
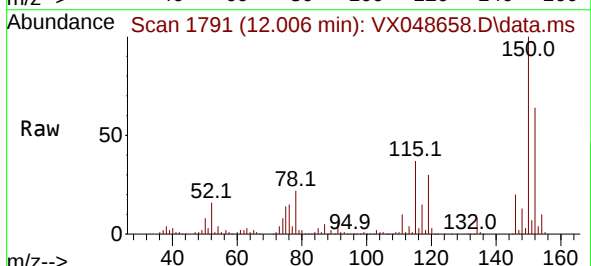
Tgt Ion:152 Resp: 124928

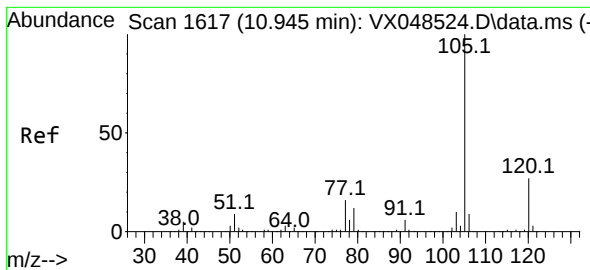
Ion Ratio Lower Upper

152 100

115 84.5 39.2 117.6

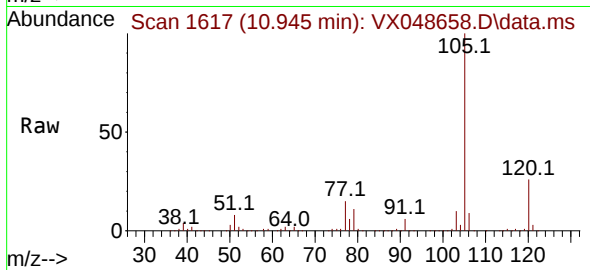
150 176.5 0.0 347.0





#73
Isopropylbenzene
Concen: 57.871 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

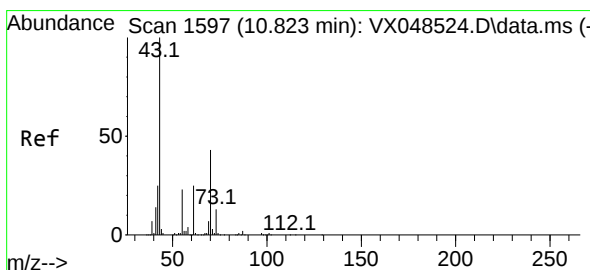
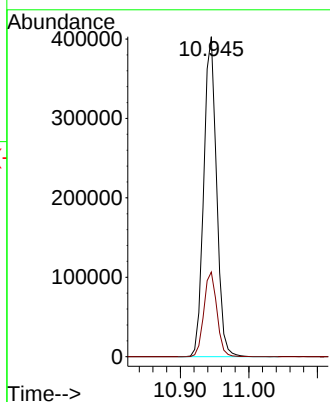
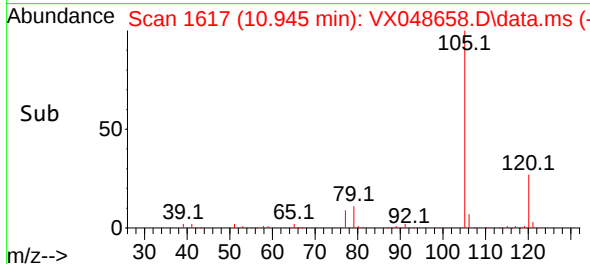
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



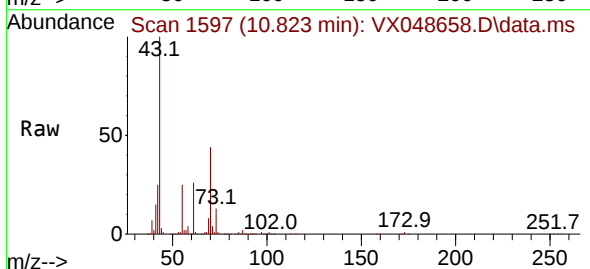
Tgt Ion:105 Resp: 52478
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.7

Manual Integrations
APPROVED

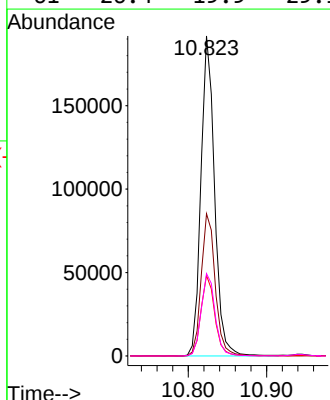
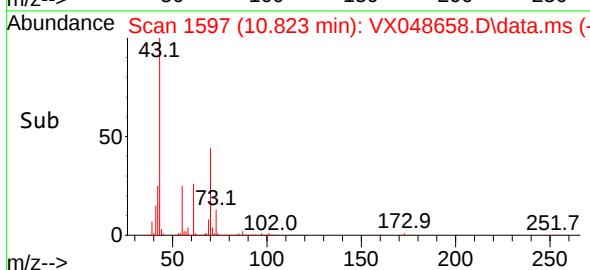
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025

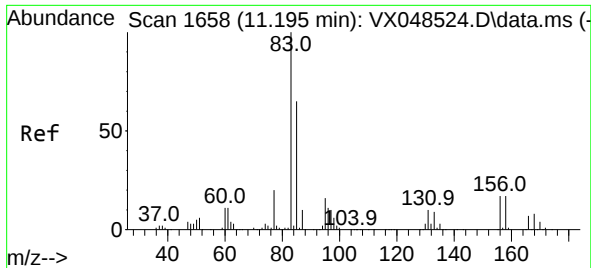


#74
N-ethyl acetate
Concen: 51.004 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08



Tgt Ion: 43 Resp: 232230
Ion Ratio Lower Upper
43 100
70 45.8 35.1 52.7
55 25.6 19.3 28.9
61 26.4 19.9 29.9





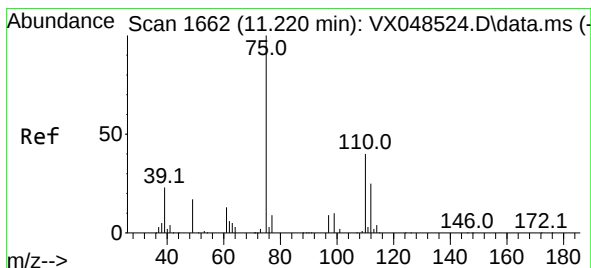
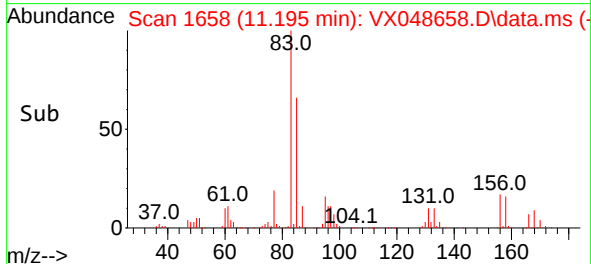
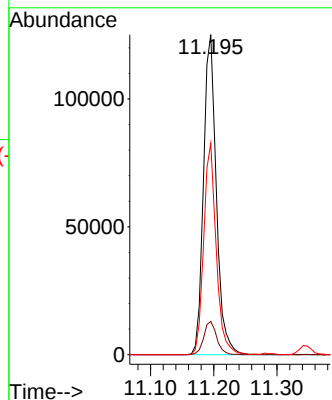
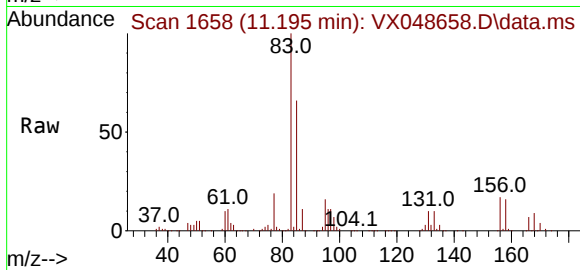
#75
1,1,2,2-Tetrachloroethane
Concen: 55.286 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 17679
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 64.4 32.3 96.8

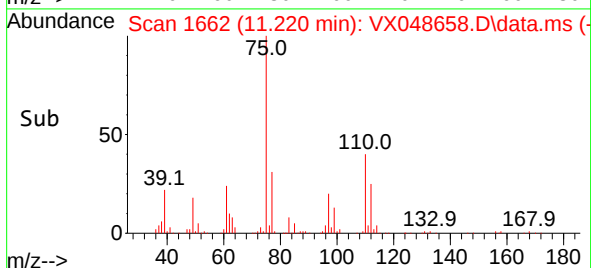
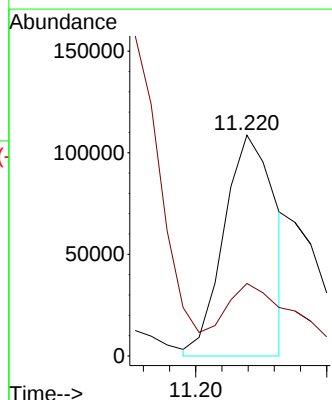
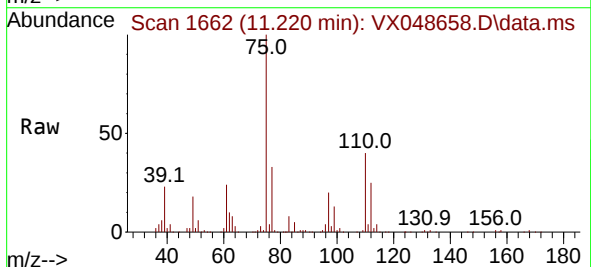
Manual Integrations
APPROVED

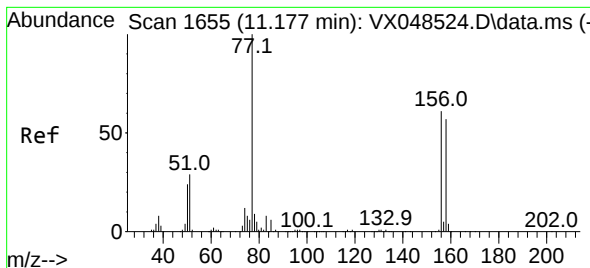
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#76
1,2,3-Trichloropropane
Concen: 49.050 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Tgt Ion: 75 Resp: 147626
Ion Ratio Lower Upper
75 100
77 45.9 24.3 72.8





#77

Bromobenzene

Concen: 59.693 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.000 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

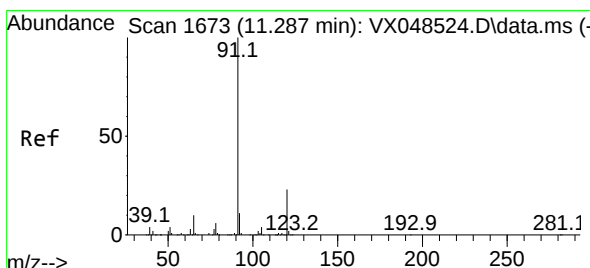
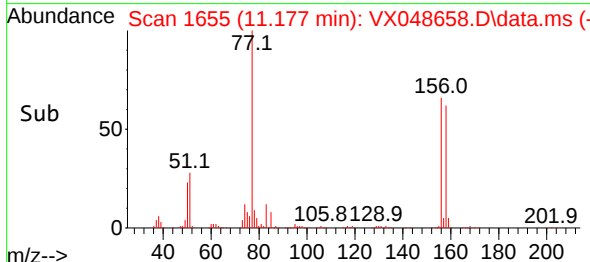
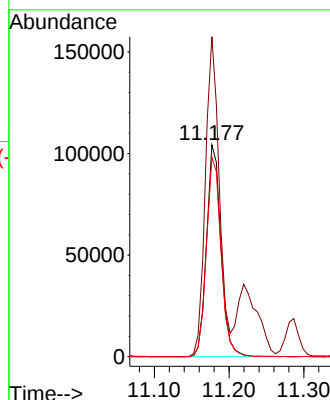
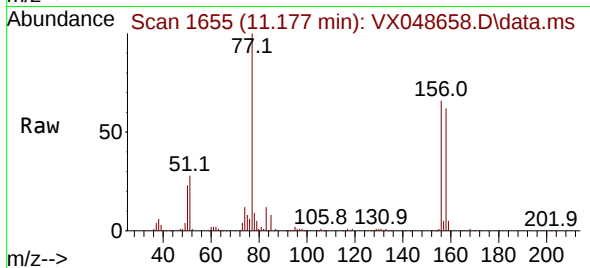
Tgt Ion:156 Resp: 139775
 Ion Ratio Lower Upper
 156 100
 77 145.3 78.1 234.4
 158 95.2 48.5 145.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2025

Supervised By :Mahesh Dadoda 11/26/2025



#78

n-propylbenzene

Concen: 56.868 ug/l

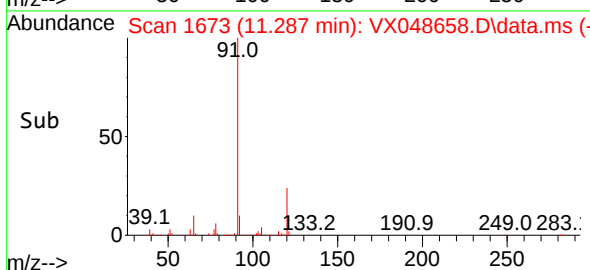
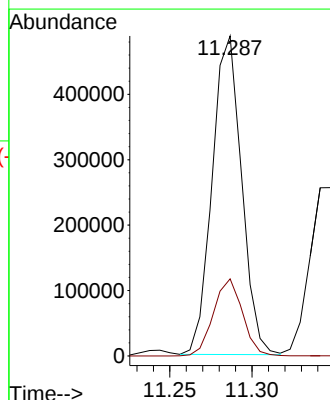
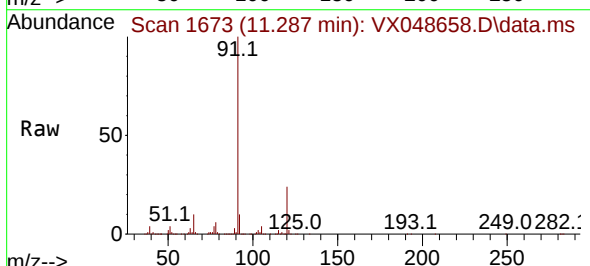
RT: 11.287 min Scan# 1673

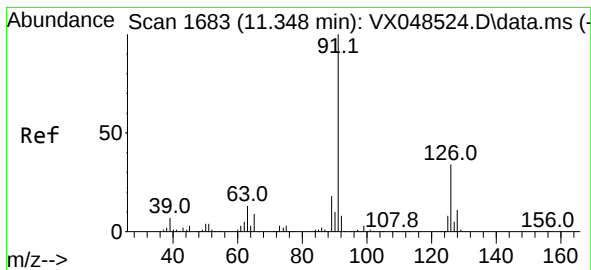
Delta R.T. -0.000 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

Tgt Ion: 91 Resp: 606360
 Ion Ratio Lower Upper
 91 100
 120 23.9 11.6 34.8





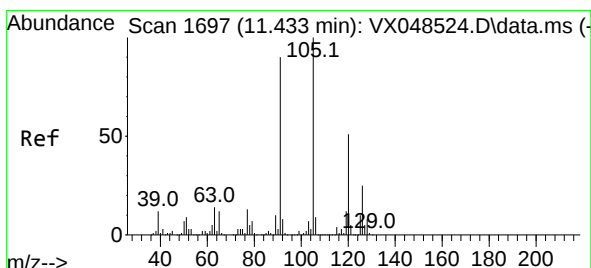
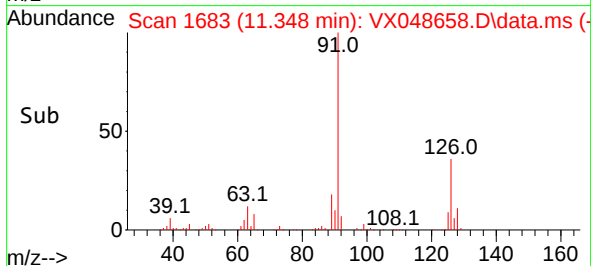
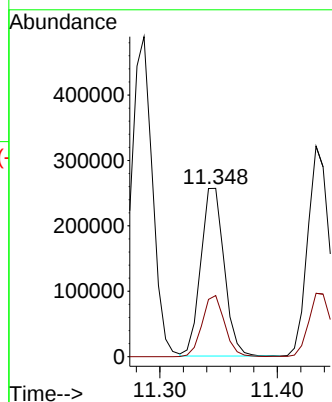
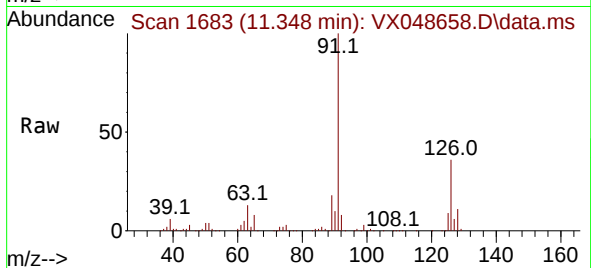
#79
2-Chlorotoluene
Concen: 55.144 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 355297
Ion Ratio Lower Upper
91 100
126 35.1 17.1 51.2

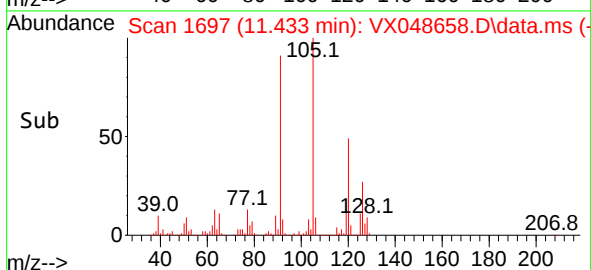
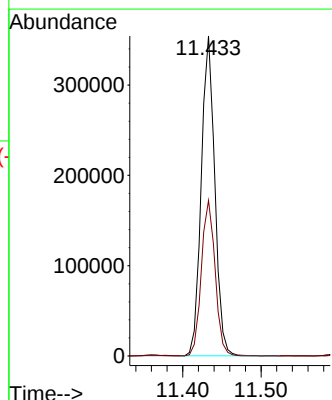
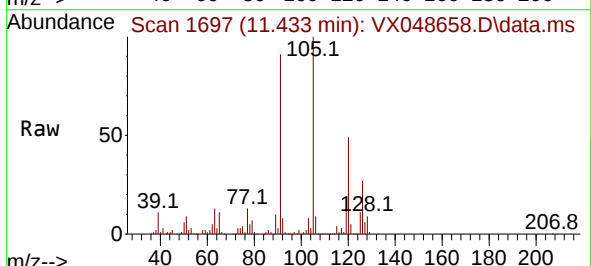
Manual Integrations
APPROVED

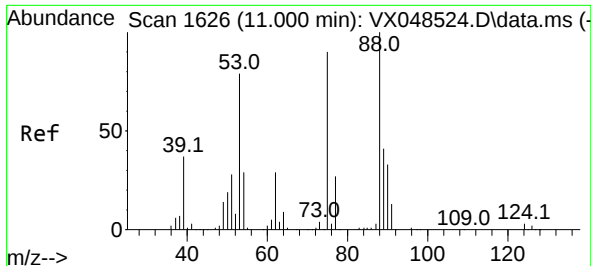
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 57.541 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

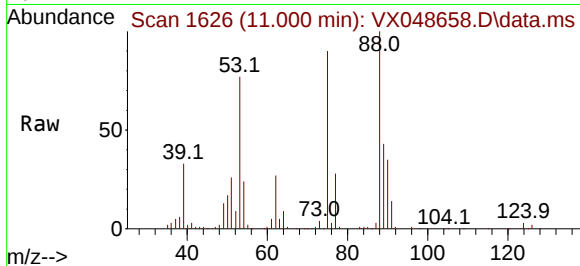
Tgt Ion:105 Resp: 425370
Ion Ratio Lower Upper
105 100
120 49.4 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 58.989 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

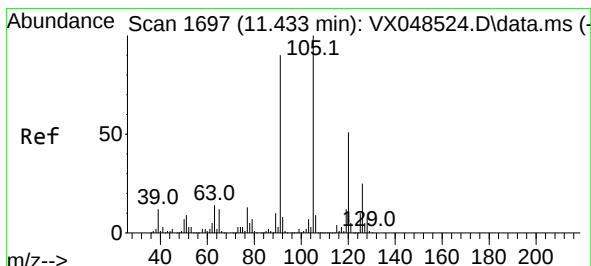
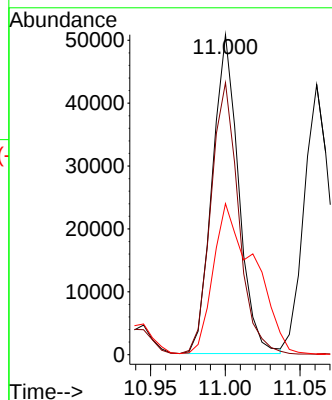
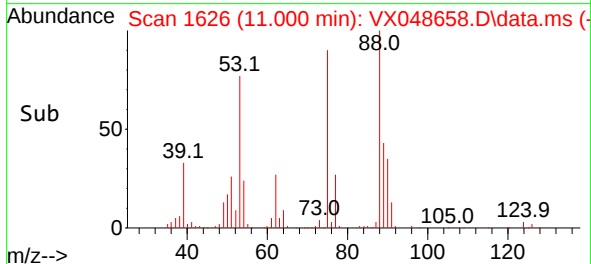
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 62070
Ion Ratio Lower Upper
75 100
53 89.9 72.4 108.6
89 74.7 43.6 65.4

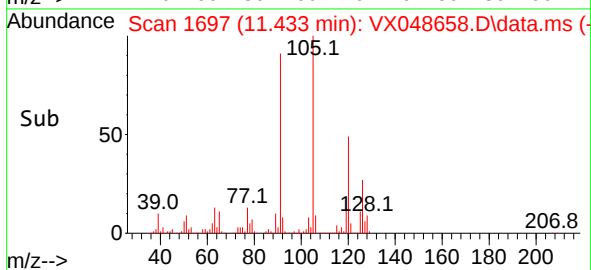
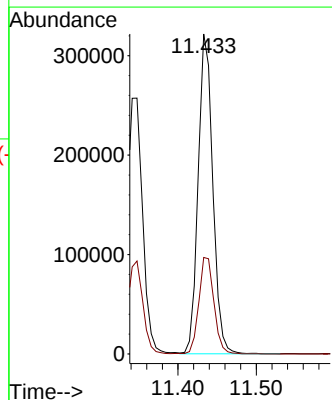
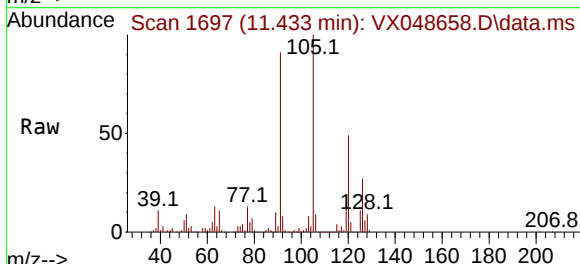
Manual Integrations
APPROVED

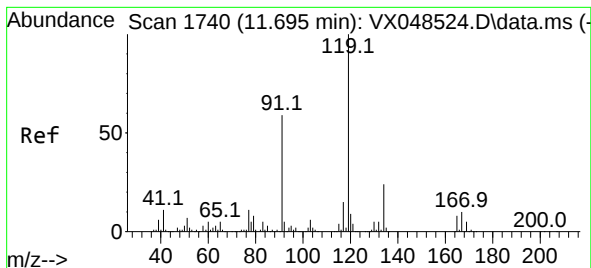
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#82
4-Chlorotoluene
Concen: 55.259 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

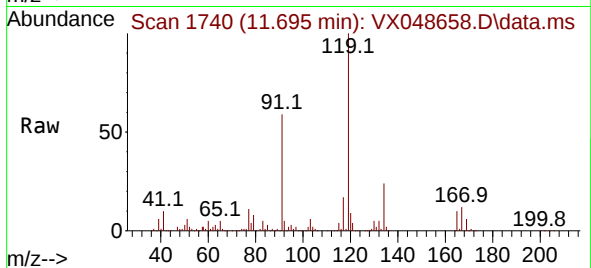
Tgt Ion: 91 Resp: 417638
Ion Ratio Lower Upper
91 100
126 31.2 14.9 44.7





#83
tert-Butylbenzene
Concen: 58.049 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

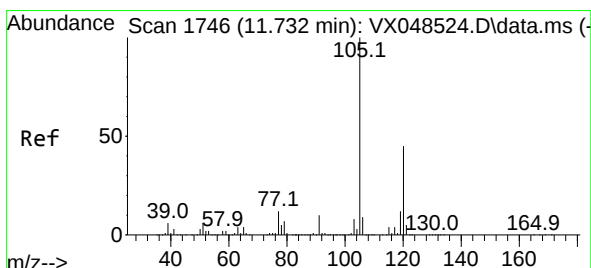
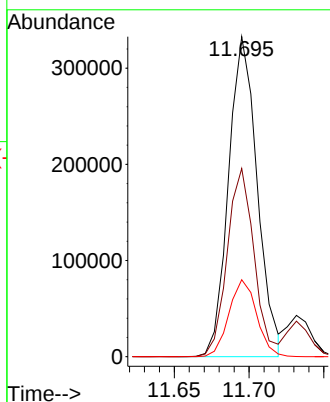
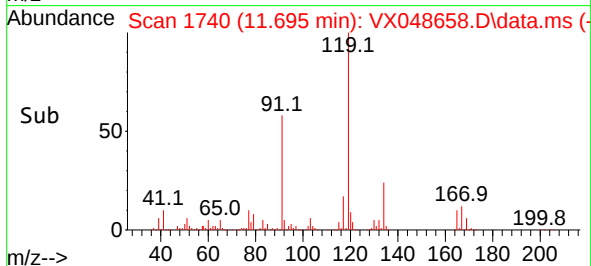
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



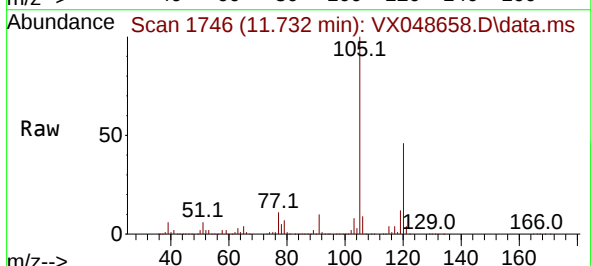
Tgt Ion:119 Resp: 443840
Ion Ratio Lower Upper
119 100
91 55.3 27.1 81.3
134 23.2 11.4 34.1

Manual Integrations
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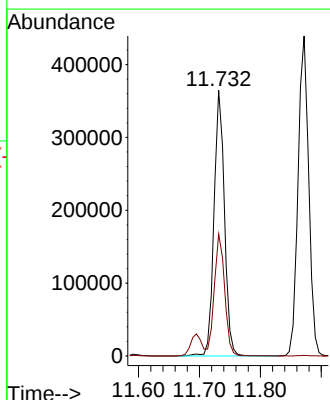
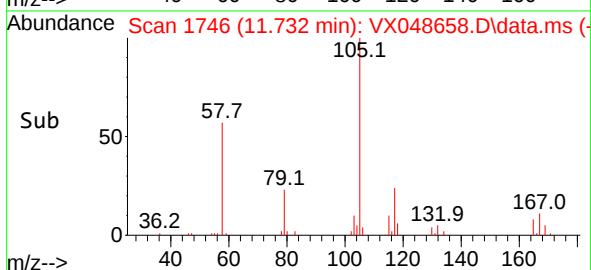
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025

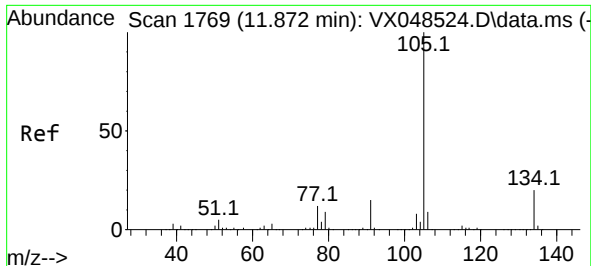


#84
1,2,4-Trimethylbenzene
Concen: 58.003 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08



Tgt Ion:105 Resp: 432634
Ion Ratio Lower Upper
105 100
120 45.9 22.4 67.0





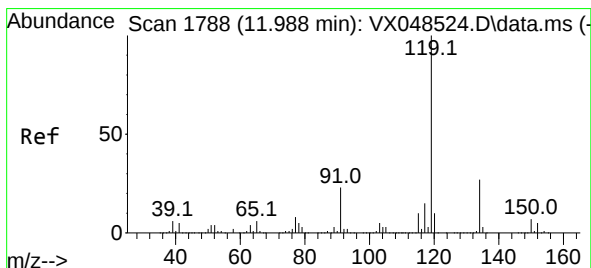
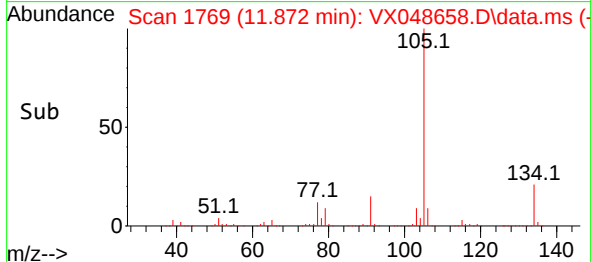
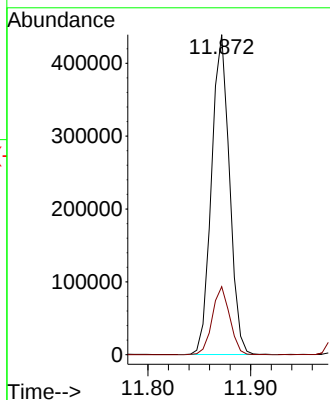
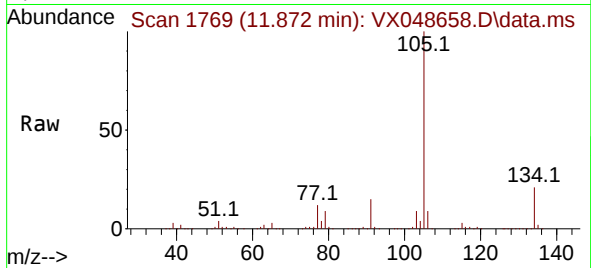
#85
 sec-Butylbenzene
 Concen: 56.523 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048658.D
 Acq: 24 Nov 2025 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 534150
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4

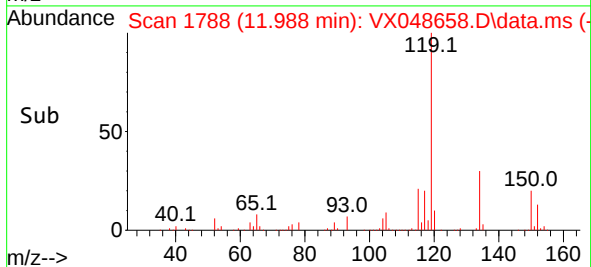
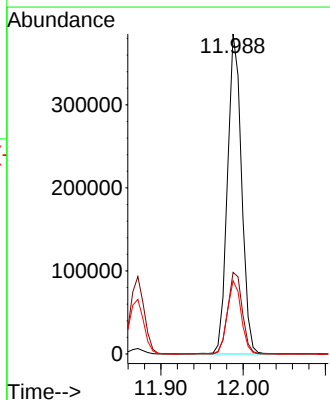
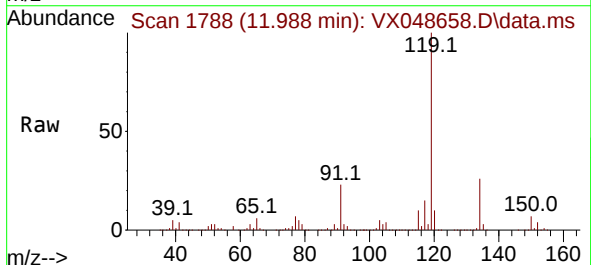
Manual Integrations
 APPROVED

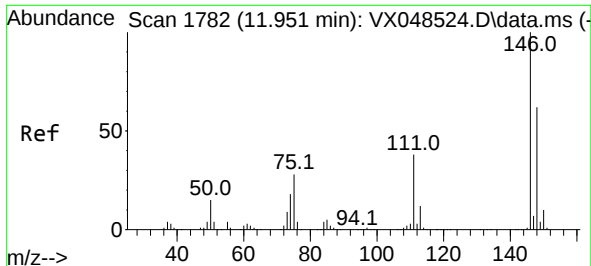
Reviewed By :John Carlone 11/26/2025
 Supervised By :Mahesh Dadoda 11/26/2025



#86
 p-Isopropyltoluene
 Concen: 57.827 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048658.D
 Acq: 24 Nov 2025 13:08

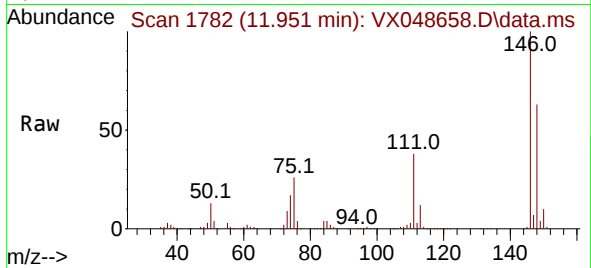
Tgt Ion:119 Resp: 459433
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 22.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 56.928 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

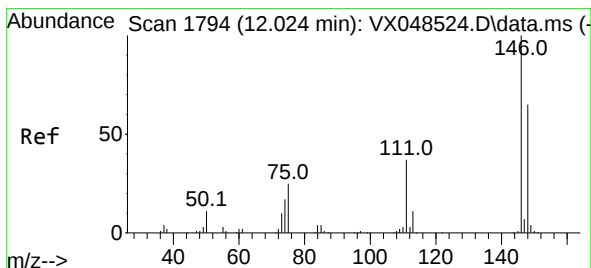
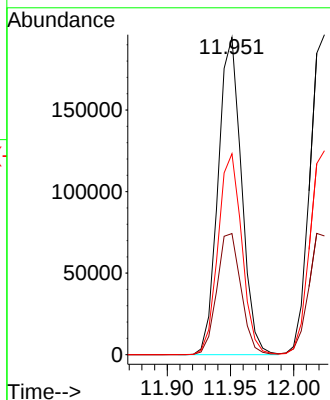
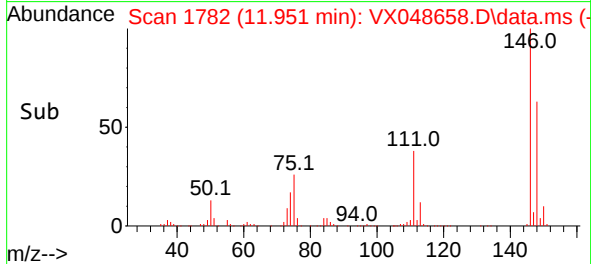
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 249839
Ion Ratio Lower Upper
146 100
111 39.4 19.8 59.4
148 64.4 31.6 95.0

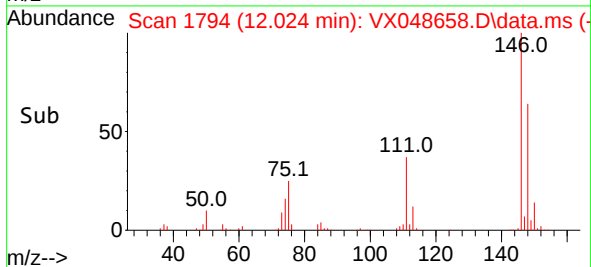
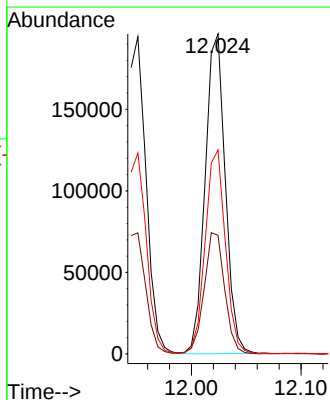
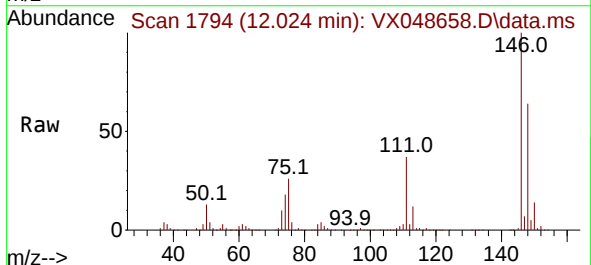
Manual Integrations
APPROVED

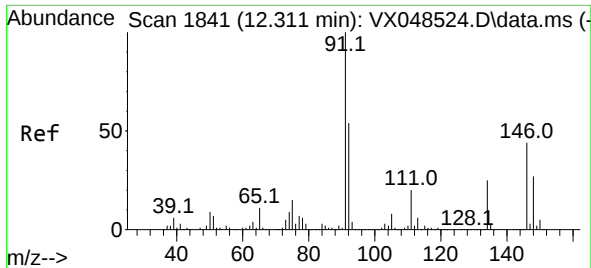
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#88
1,4-Dichlorobenzene
Concen: 55.213 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

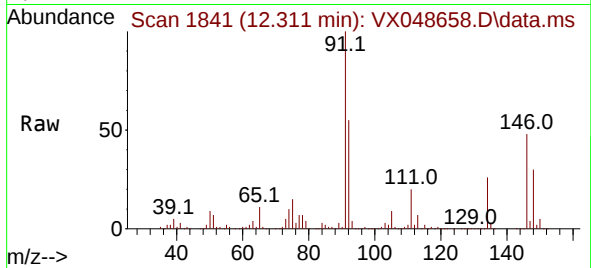
Tgt Ion:146 Resp: 250287
Ion Ratio Lower Upper
146 100
111 38.7 19.2 57.6
148 64.5 31.9 95.9





#89
n-Butylbenzene
Concen: 55.388 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

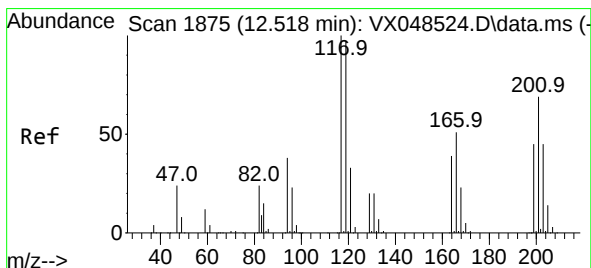
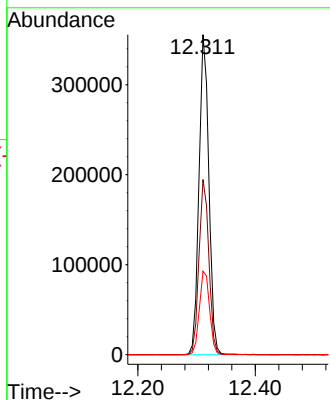
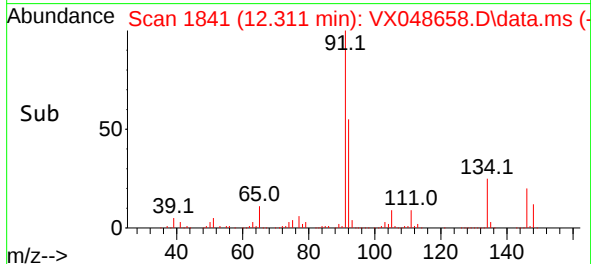
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 41281
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.5
134 27.1 13.0 39.0

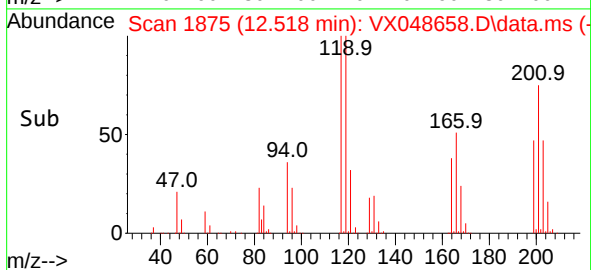
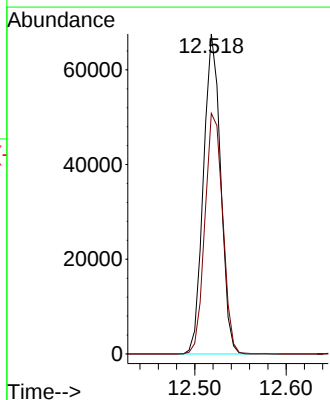
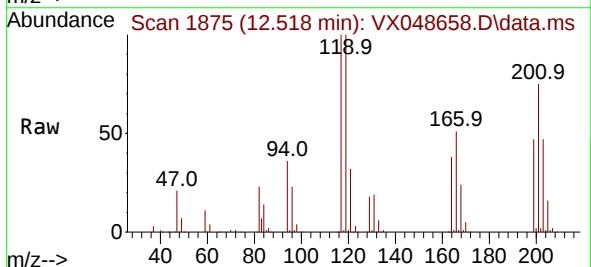
Manual Integrations
APPROVED

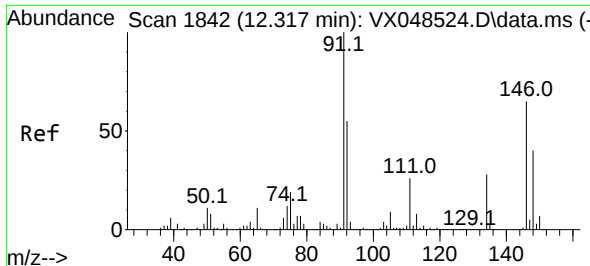
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#90
Hexachloroethane
Concen: 58.160 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

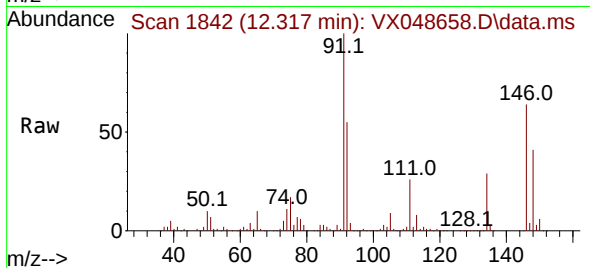
Tgt Ion:117 Resp: 88038
Ion Ratio Lower Upper
117 100
201 77.8 35.9 107.8





#91
1,2-Dichlorobenzene
Concen: 57.383 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

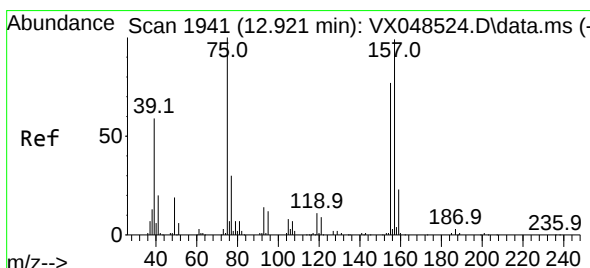
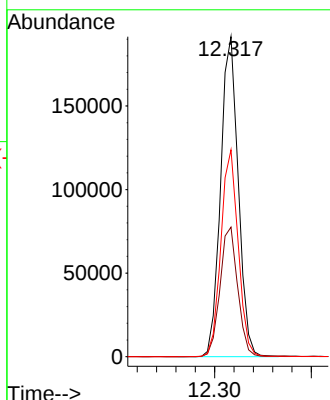
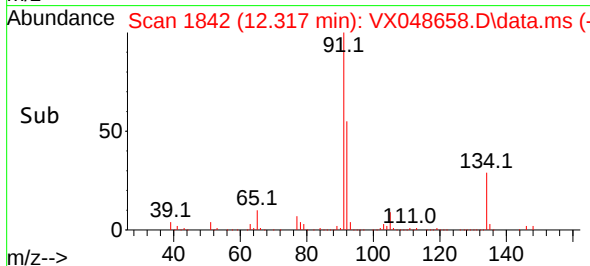
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



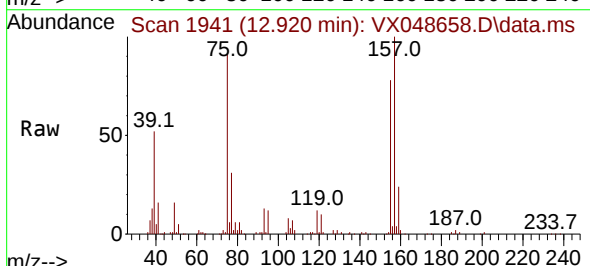
Tgt Ion:146 Resp: 24175
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.9
148 63.3 31.4 94.2

Manual Integrations
APPROVED

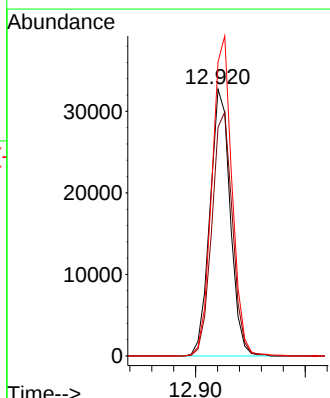
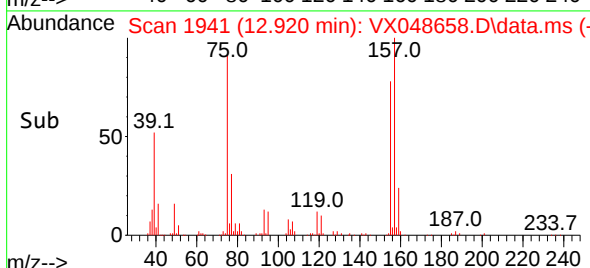
Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025

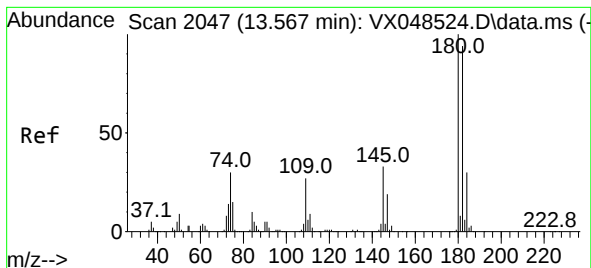


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.524 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08



Tgt Ion: 75 Resp: 42006
Ion Ratio Lower Upper
75 100
155 92.8 43.5 130.7
157 118.6 54.8 164.4





#93

1,2,4-Trichlorobenzene

Concen: 58.591 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 16403

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.6

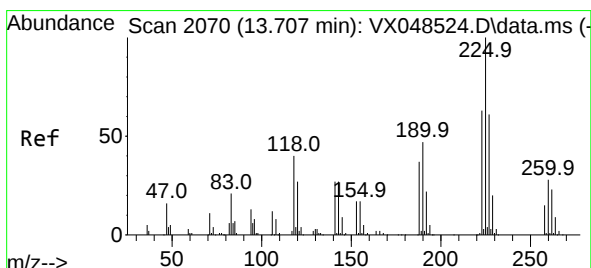
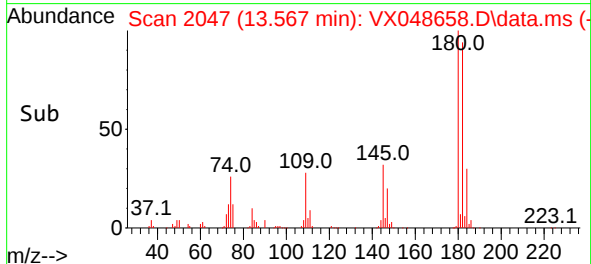
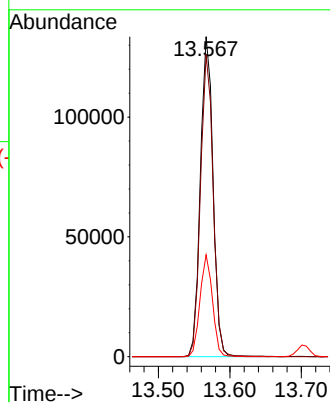
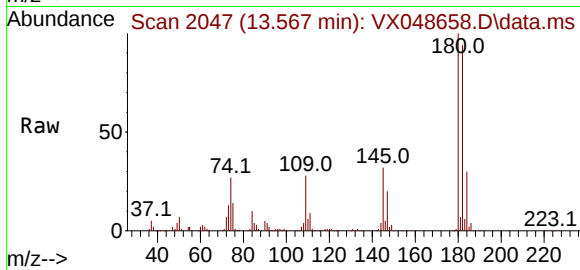
145 31.2 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2025

Supervised By :Mahesh Dadoda 11/26/2025



#94

Hexachlorobutadiene

Concen: 56.230 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX048658.D

Acq: 24 Nov 2025 13:08

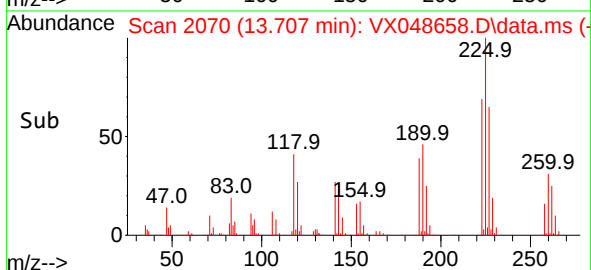
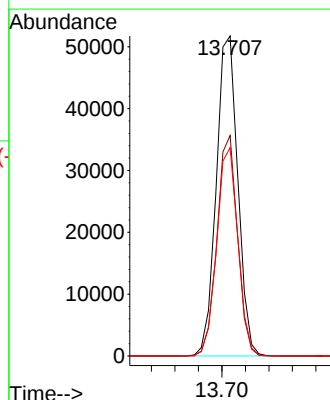
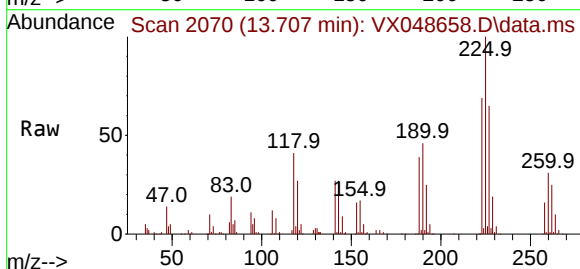
Tgt Ion:225 Resp: 65808

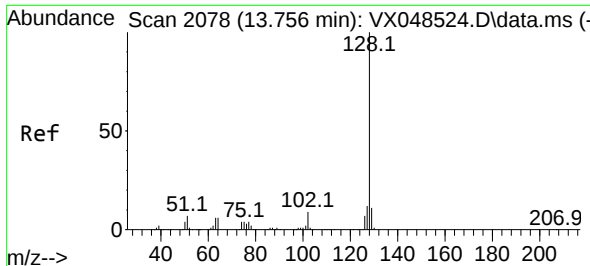
Ion Ratio Lower Upper

225 100

223 65.6 30.6 92.0

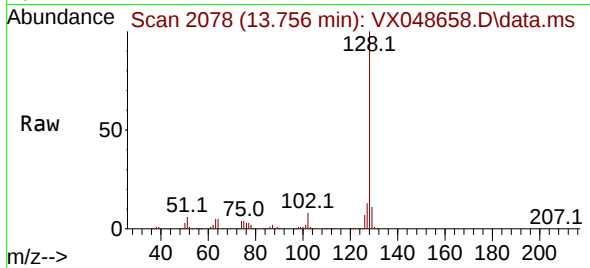
227 64.0 32.5 97.4





#95
Naphthalene
Concen: 59.681 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

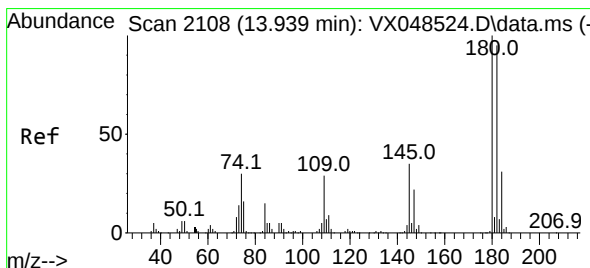
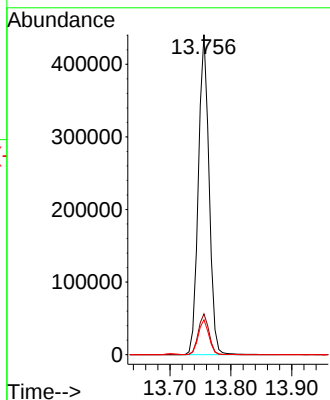
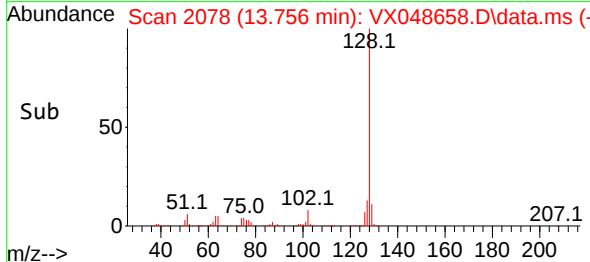
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 537198
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/26/2025
Supervised By :Mahesh Dadoda 11/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 59.828 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048658.D
Acq: 24 Nov 2025 13:08

Tgt Ion:180 Resp: 155797
Ion Ratio Lower Upper
180 100
182 93.5 47.3 142.0
145 32.9 16.7 50.0

