

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047658.D
 Acq On : 18 Sep 2025 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 19 01:38:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2025
 Supervised By : Mahesh Dadoda 09/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	167954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	301649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	264153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	136178	50.938	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.880%			
35) Dibromofluoromethane	5.373	113	103407	51.115	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.240%			
50) Toluene-d8	8.635	98	358607	51.229	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.460%			
62) 4-Bromofluorobenzene	11.061	95	134436	50.604	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	116713	67.108	ug/l	96
3) Chloromethane	1.301	50	140249	61.357	ug/l	98
4) Vinyl Chloride	1.380	62	138638	61.961	ug/l	99
5) Bromomethane	1.618	94	84750	59.732	ug/l	100
6) Chloroethane	1.697	64	85472	57.154	ug/l	99
7) Trichlorofluoromethane	1.898	101	192770	58.024	ug/l	98
8) Diethyl Ether	2.136	74	74948	55.148	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	109138	56.181	ug/l	100
10) Methyl Iodide	2.453	142	164941	54.441	ug/l	100
11) Tert butyl alcohol	2.947	59	73594	247.170	ug/l	98
12) 1,1-Dichloroethene	2.325	96	114754	57.507	ug/l	96
13) Acrolein	2.240	56	91511	333.522	ug/l	99
14) Allyl chloride	2.666	41	217028	52.706	ug/l	98
15) Acrylonitrile	3.056	53	324132	293.899	ug/l	99
16) Acetone	2.374	43	255414	219.729	ug/l	100
17) Carbon Disulfide	2.520	76	327359	59.925	ug/l	98
18) Methyl Acetate	2.703	43	141872	54.842	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	391741	53.778	ug/l	98
20) Methylene Chloride	2.788	84	134847	54.805	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	121210	56.420	ug/l	95
22) Diisopropyl ether	3.751	45	434997	54.509	ug/l #	84
23) Vinyl Acetate	3.715	43	1809225	283.269	ug/l	100
24) 1,1-Dichloroethane	3.605	63	233642	55.084	ug/l	99
25) 2-Butanone	4.538	43	384161	264.947	ug/l	98
26) 2,2-Dichloropropane	4.471	77	151016	42.831	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	145870	55.442	ug/l	97
28) Bromochloromethane	4.885	49	98953	53.438	ug/l	99
29) Tetrahydrofuran	4.989	42	244351	280.136	ug/l	98
30) Chloroform	5.080	83	232676	54.285	ug/l	99
31) Cyclohexane	5.465	56	195059	55.215	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	196125	53.945	ug/l	99
36) 1,1-Dichloropropene	5.684	75	155147	52.483	ug/l	98
37) Ethyl Acetate	4.702	43	173987	54.969	ug/l	99
38) Carbon Tetrachloride	5.666	117	167396	52.118	ug/l	98
39) Methylcyclohexane	7.367	83	183314	54.630	ug/l	98
40) Benzene	6.025	78	490348	54.614	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	91044	55.718	ug/l	100
42) 1,2-Dichloroethane	6.074	62	179416	52.519	ug/l	99
43) Isopropyl Acetate	6.324	43	281444	54.217	ug/l	99
44) Trichloroethene	7.111	130	119740	55.163	ug/l	96
45) 1,2-Dichloropropane	7.415	63	122712	53.375	ug/l	99
46) Dibromomethane	7.568	93	89980	53.783	ug/l	98
47) Bromodichloromethane	7.806	83	181713	52.634	ug/l	97
48) Methyl methacrylate	7.678	41	142545	55.128	ug/l	99
49) 1,4-Dioxane	7.647	88	30847	1180.454	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	818431	284.360	ug/l	100
52) Toluene	8.702	92	300572	54.337	ug/l	97
53) t-1,3-Dichloropropene	8.964	75	179877	51.080	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	193198	51.329	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	112754	52.863	ug/l	99
56) Ethyl methacrylate	9.104	69	185618	55.412	ug/l	98
57) 1,3-Dichloropropane	9.293	76	198871	54.276	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	408214	254.746	ug/l	99
59) 2-Hexanone	9.415	43	569485	275.500	ug/l	99
60) Dibromochloromethane	9.507	129	132153	53.772	ug/l	98
61) 1,2-Dibromoethane	9.592	107	118209	54.411	ug/l	99
64) Tetrachloroethene	9.257	164	94690	54.988	ug/l	97
65) Chlorobenzene	10.061	112	319704	53.275	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	109740	52.994	ug/l	100
67) Ethyl Benzene	10.177	91	560432	54.125	ug/l	99
68) m/p-Xylenes	10.287	106	420673	109.153	ug/l	100
69) o-Xylene	10.628	106	202765	54.394	ug/l	99
70) Styrene	10.640	104	354867	54.330	ug/l	98
71) Bromoform	10.781	173	83625	54.082	ug/l #	99
73) Isopropylbenzene	10.945	105	519628	54.023	ug/l	99
74) N-amyl acetate	10.829	43	244665	55.780	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	160544	55.167	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	125498m	48.992	ug/l	
77) Bromobenzene	11.183	156	126798	53.524	ug/l	99
78) n-propylbenzene	11.287	91	614237	54.021	ug/l	99
79) 2-Chlorotoluene	11.348	91	374535	53.781	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	425139	53.798	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	48632	48.415	ug/l	98
82) 4-Chlorotoluene	11.439	91	436383	53.056	ug/l	100
83) tert-Butylbenzene	11.695	119	422806	52.265	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	431900	53.907	ug/l	99
85) sec-Butylbenzene	11.872	105	513773	53.468	ug/l	100
86) p-Isopropyltoluene	11.988	119	428563	52.682	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	230750	52.441	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	233716	51.751	ug/l	99
89) n-Butylbenzene	12.317	91	397647	52.828	ug/l	99
90) Hexachloroethane	12.518	117	74358	52.063	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	225205	53.721	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	32019	54.344	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	141778	52.038	ug/l	98
94) Hexachlorobutadiene	13.707	225	45796	49.486	ug/l	98
95) Naphthalene	13.756	128	446144	53.776	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	133651	52.735	ug/l	99

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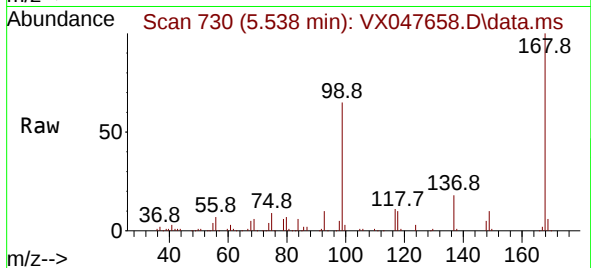
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
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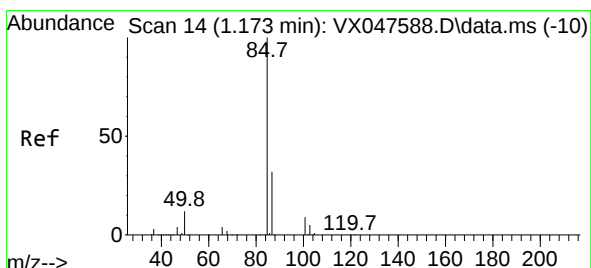
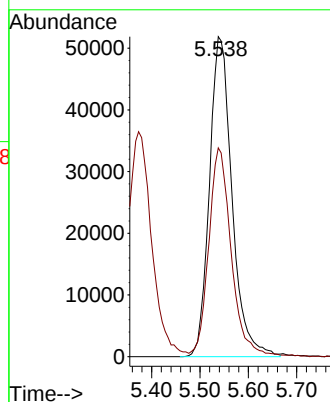
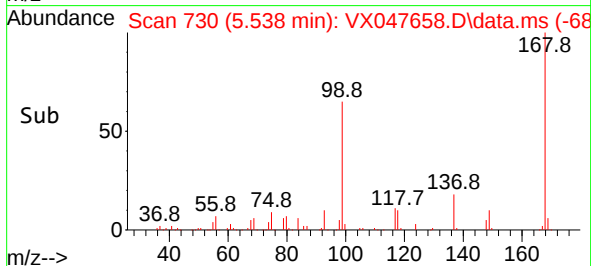
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 167954
Ion Ratio Lower Upper
168 100
99 64.7 48.8 73.2

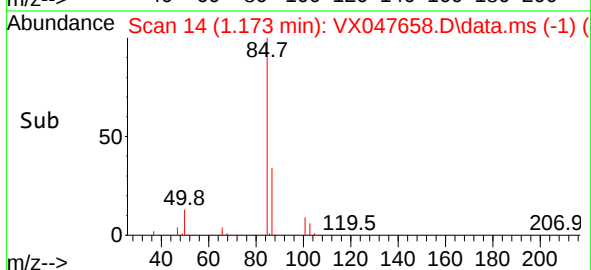
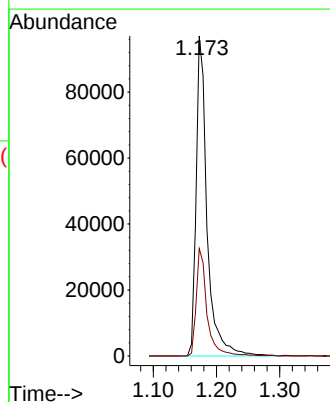
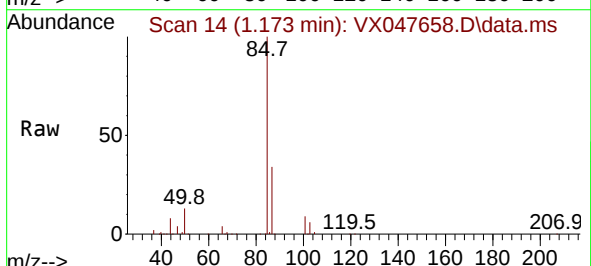
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#2
Dichlorodifluoromethane
Concen: 67.108 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Tgt Ion: 85 Resp: 116713
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.3





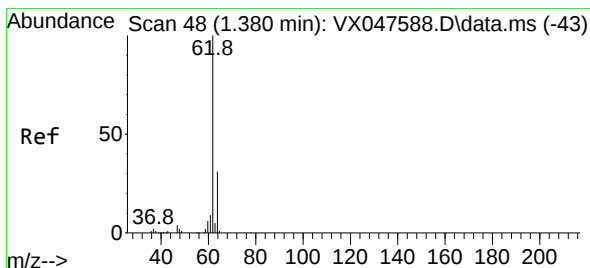
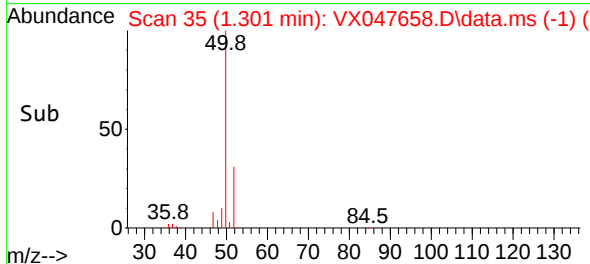
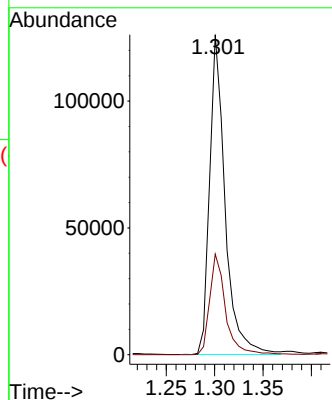
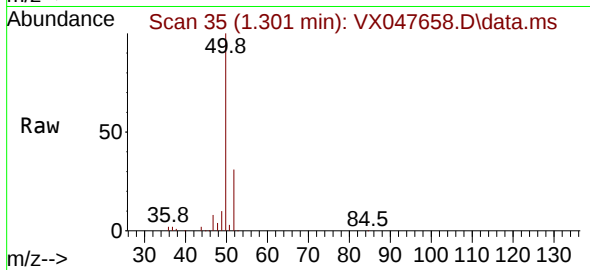
#3
Chloromethane
Concen: 61.357 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 140249
Ion Ratio Lower Upper
50 100
52 31.5 26.1 39.1

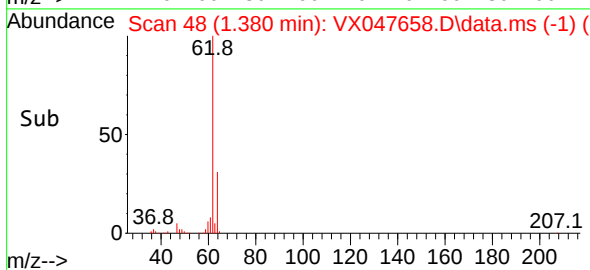
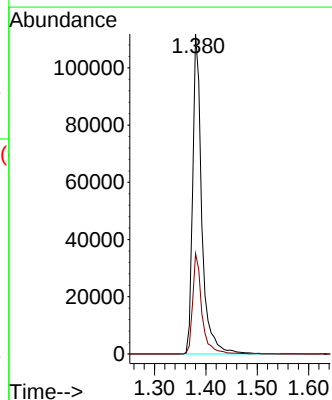
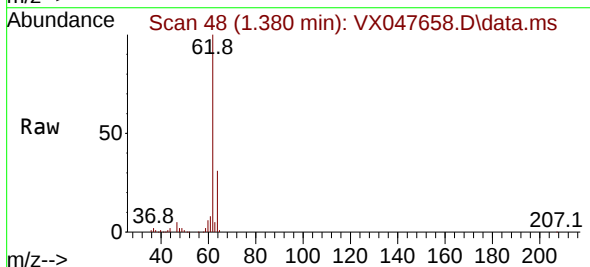
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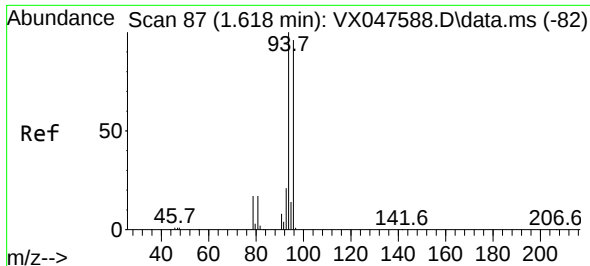
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#4
Vinyl Chloride
Concen: 61.961 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

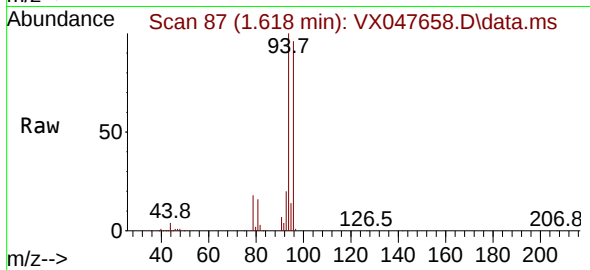
Tgt Ion: 62 Resp: 138638
Ion Ratio Lower Upper
62 100
64 31.4 24.9 37.3





#5
Bromomethane
Concen: 59.732 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

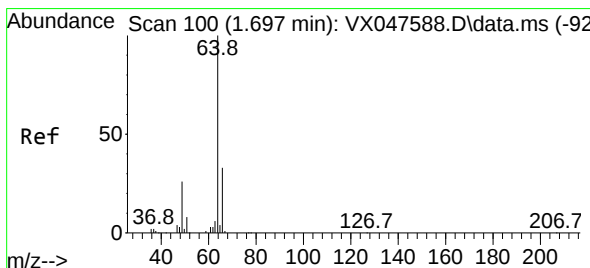
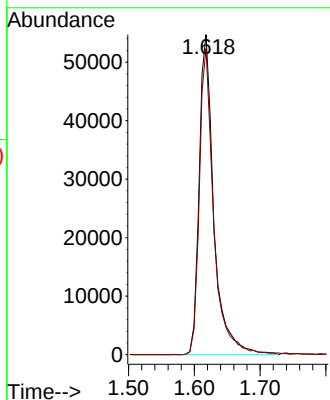
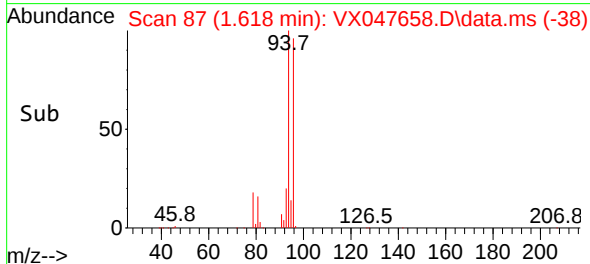
Instrument :
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Tgt Ion: 94 Resp: 84750
Ion Ratio Lower Upper
94 100
96 95.7 76.6 115.0

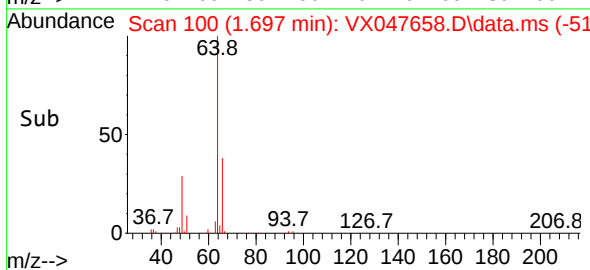
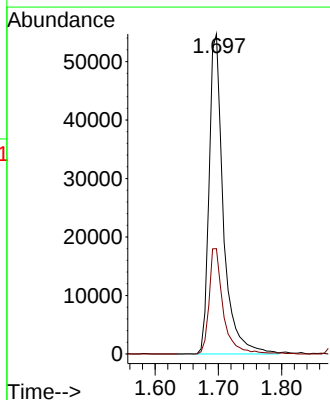
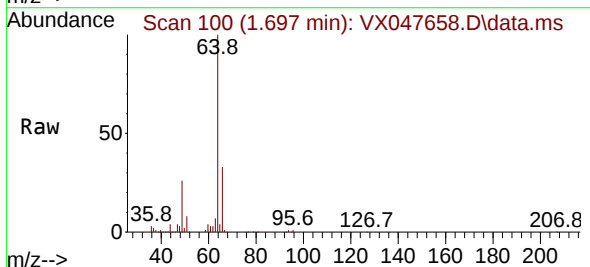
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#6
Chloroethane
Concen: 57.154 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

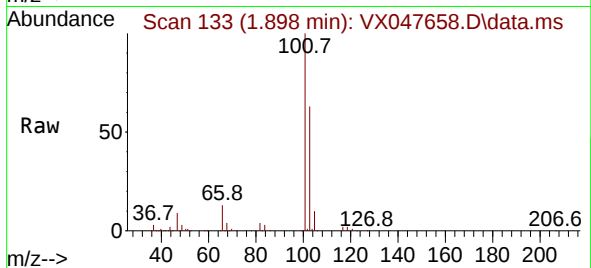
Tgt Ion: 64 Resp: 85472
Ion Ratio Lower Upper
64 100
66 32.9 26.1 39.1





#7
Trichlorofluoromethane
Concen: 58.024 ug/l
RT: 1.898 min Scan# 133
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

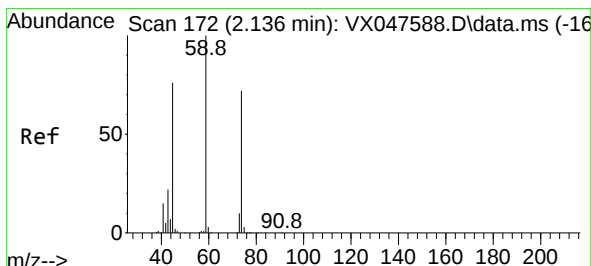
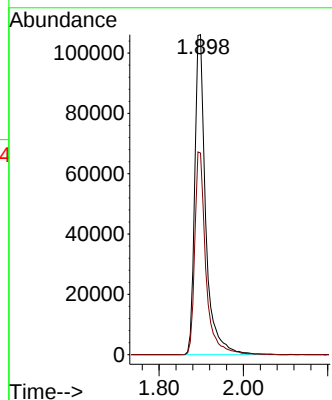
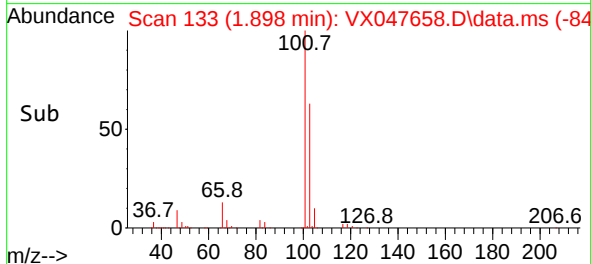
Instrument :
MSVOA_X
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VSTDCCC050EC



Tgt Ion:101 Resp: 192770
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.2

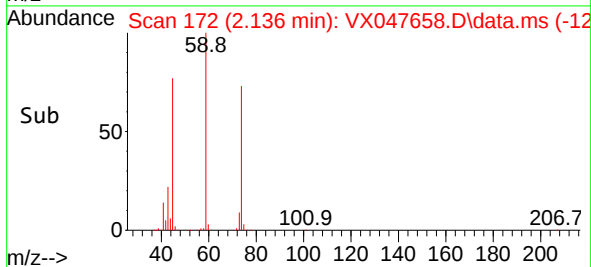
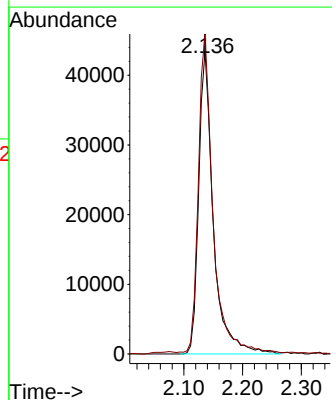
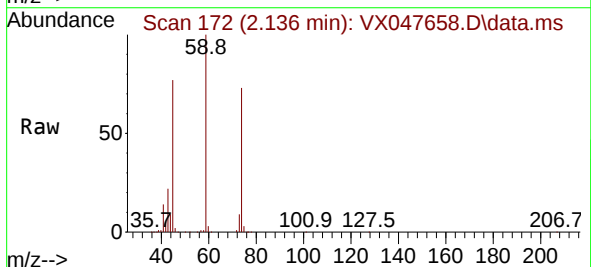
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#8
Diethyl Ether
Concen: 55.148 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Tgt Ion: 74 Resp: 74948
Ion Ratio Lower Upper
74 100
45 104.7 52.3 156.8





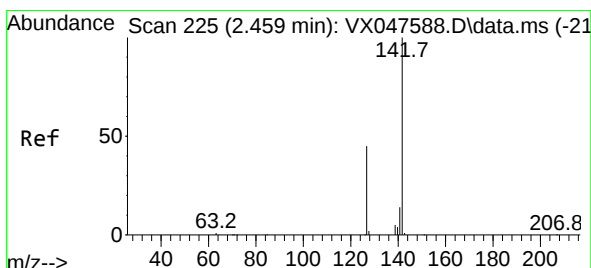
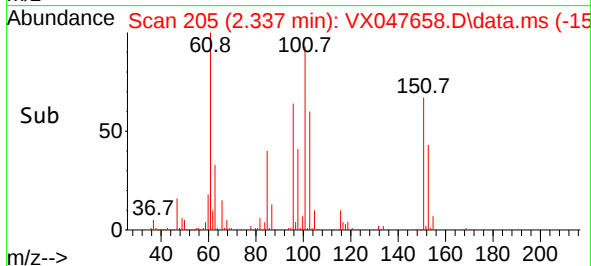
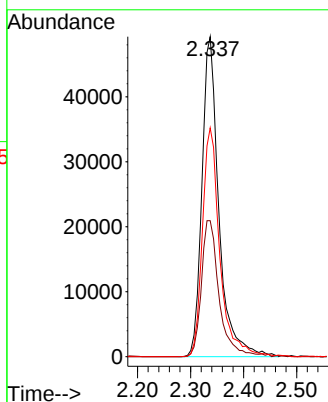
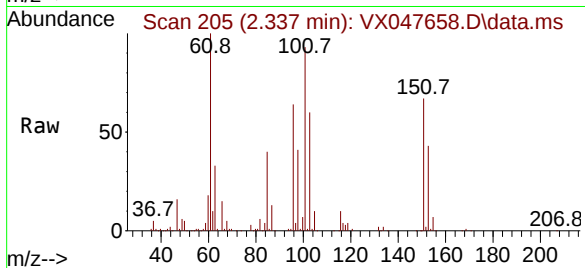
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.181 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047658.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 109138
Ion Ratio Lower Upper
101 100
85 44.6 35.5 53.3
151 73.7 59.4 89.0

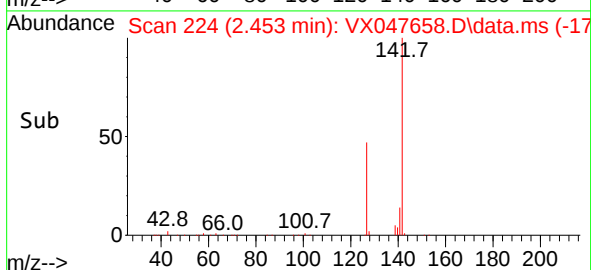
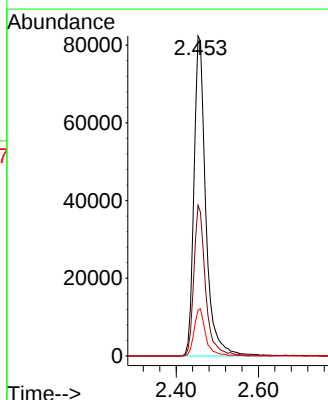
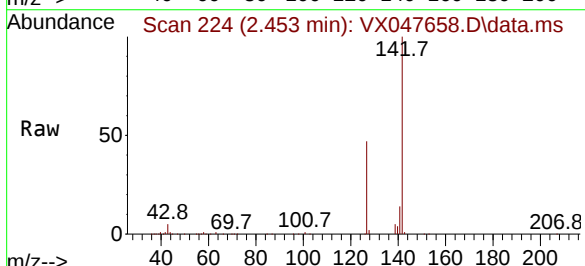
Manual Integrations
APPROVED

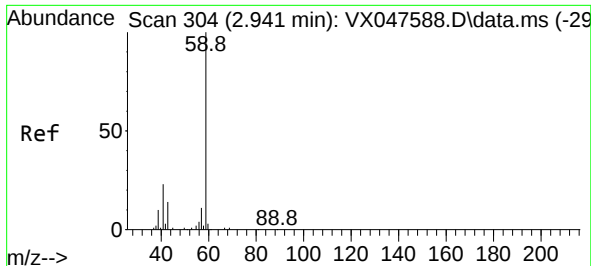
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#10
Methyl Iodide
Concen: 54.441 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Tgt Ion:142 Resp: 164941
Ion Ratio Lower Upper
142 100
127 46.3 37.2 55.8
141 14.4 11.4 17.0





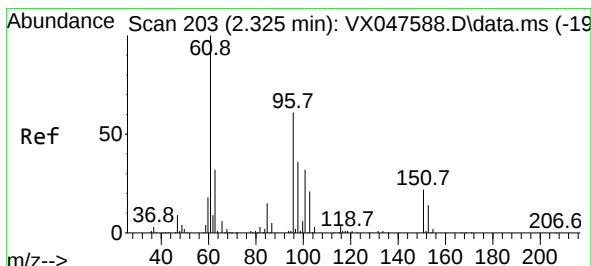
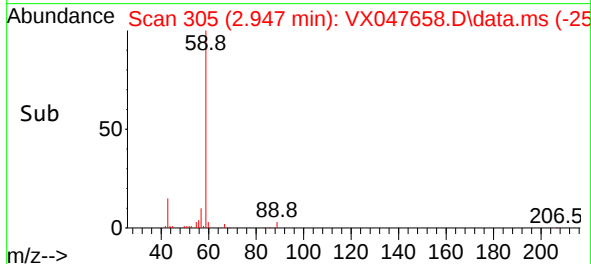
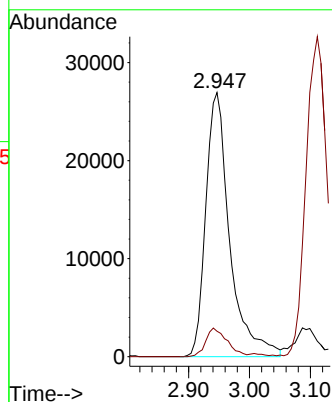
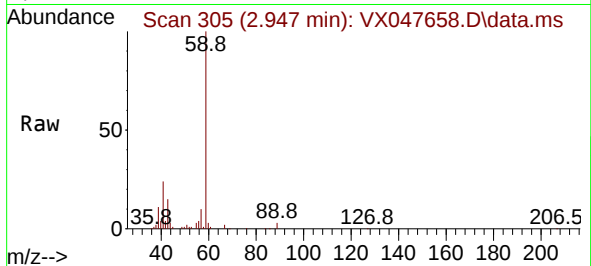
#11
Tert butyl alcohol
Concen: 247.170 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 73594
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

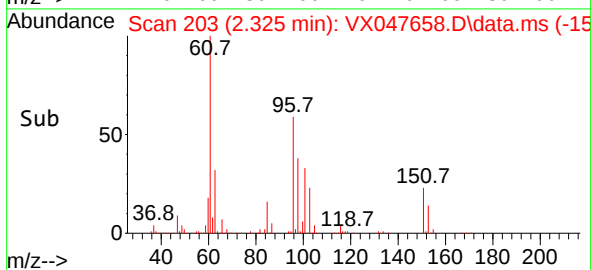
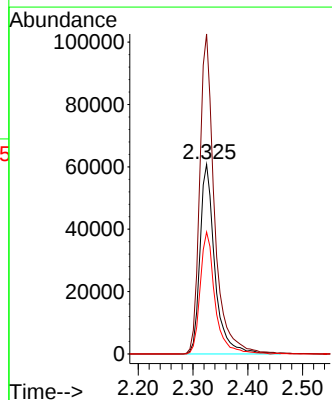
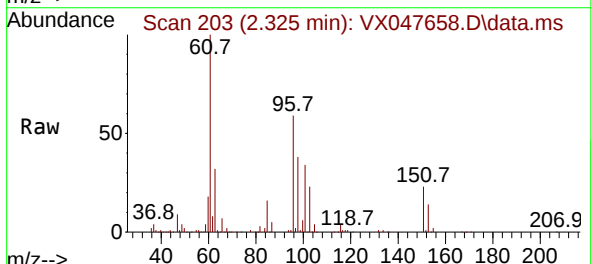
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#12
1,1-Dichloroethene
Concen: 57.507 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Tgt Ion: 96 Resp: 114754
Ion Ratio Lower Upper
96 100
61 168.7 131.0 196.6
98 64.3 47.7 71.5





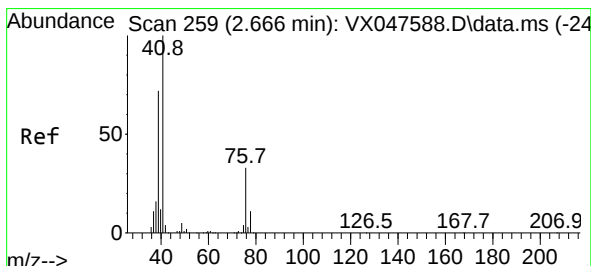
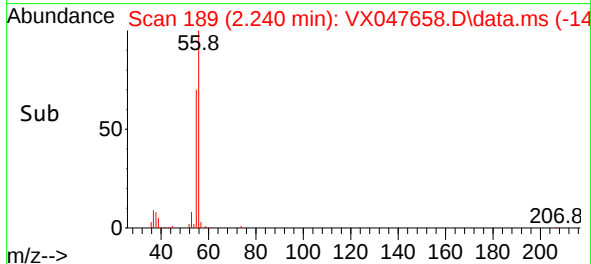
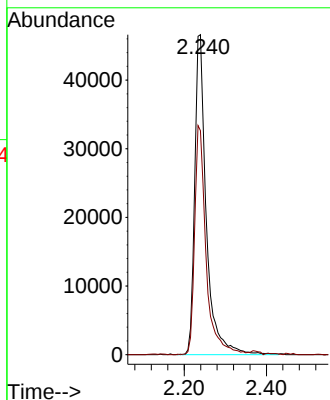
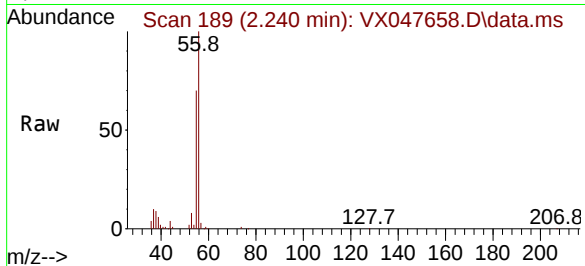
#13
Acrolein
Concen: 333.522 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 9151
Ion Ratio Lower Upper
56 100
55 70.3 57.2 85.8

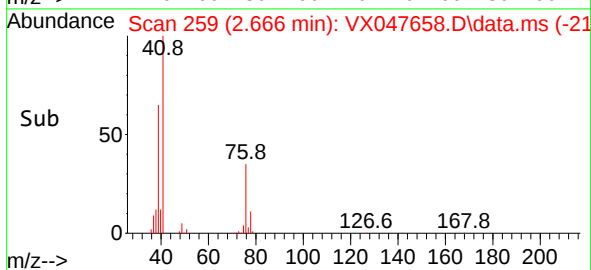
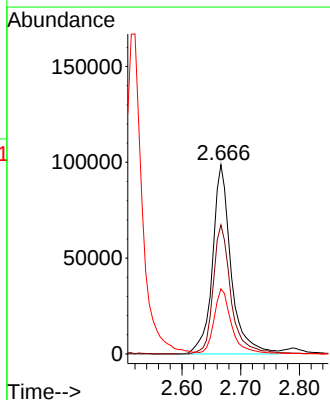
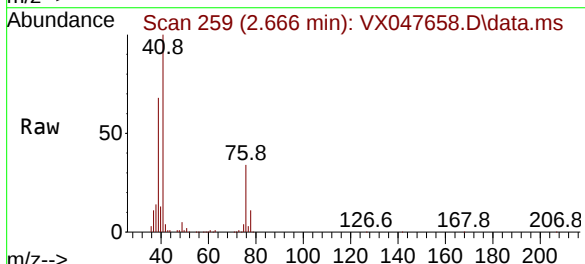
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#14
Allyl chloride
Concen: 52.706 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

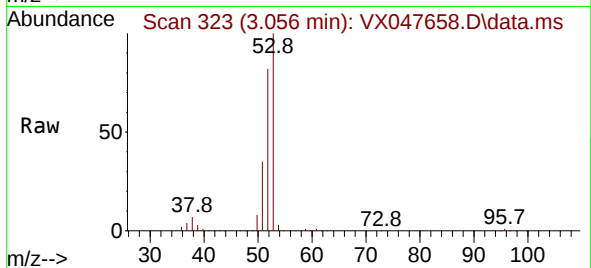
Tgt Ion: 41 Resp: 217028
Ion Ratio Lower Upper
41 100
39 66.0 54.7 82.1
76 31.8 25.7 38.5





#15
Acrylonitrile
Concen: 293.899 ug/l
RT: 3.056 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

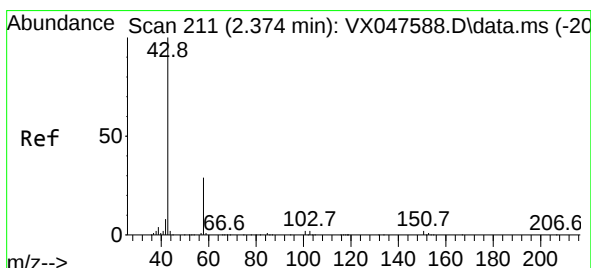
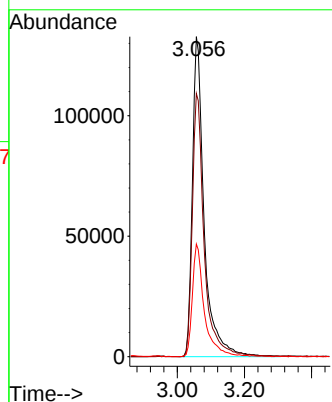
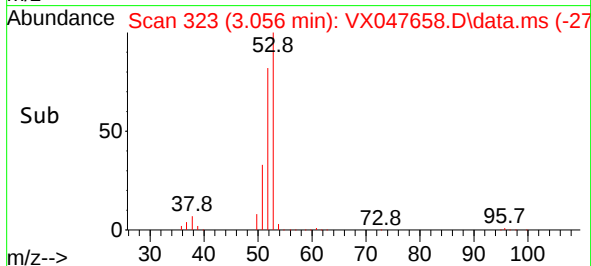
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 324132
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 36.0 29.5 44.3

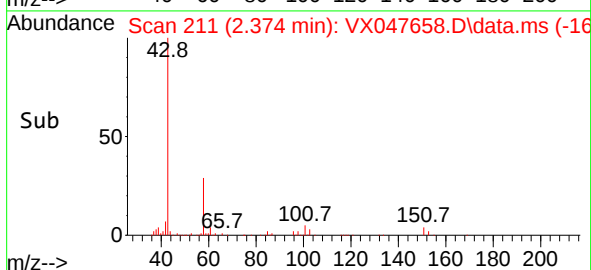
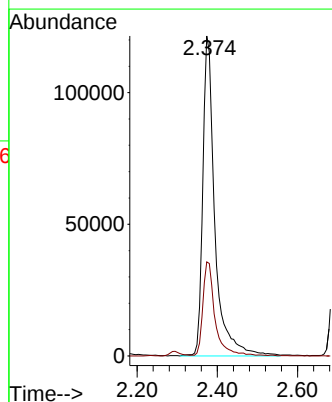
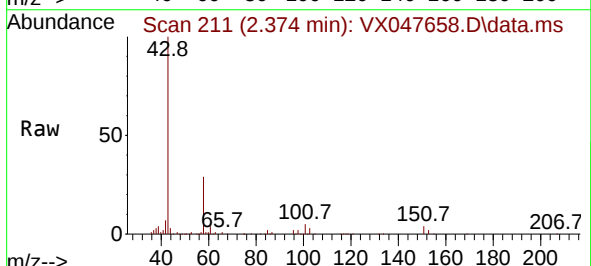
Manual Integrations
APPROVED

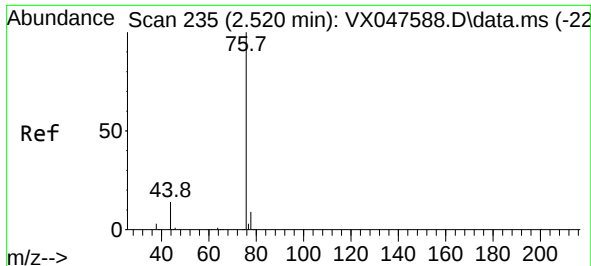
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#16
Acetone
Concen: 219.729 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

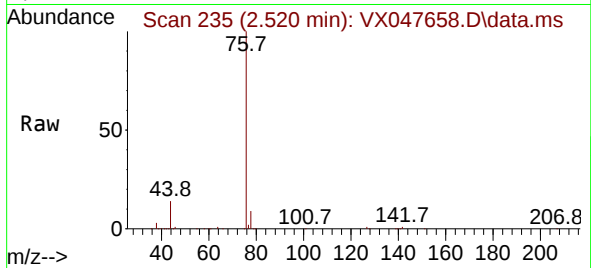
Tgt Ion: 43 Resp: 255414
Ion Ratio Lower Upper
43 100
58 29.3 23.4 35.0





#17
Carbon Disulfide
Concen: 59.925 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

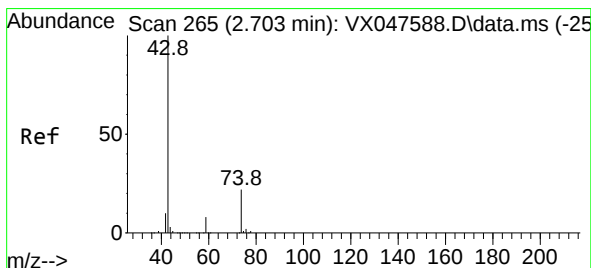
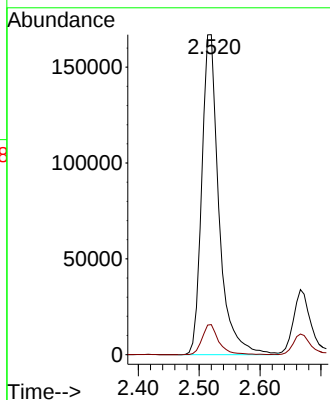
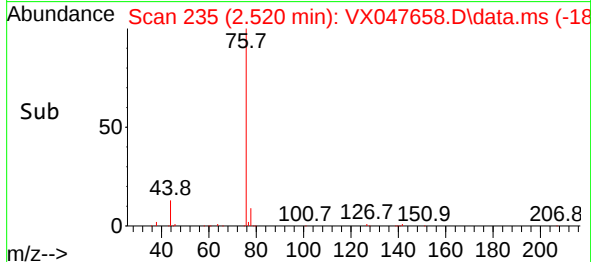
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



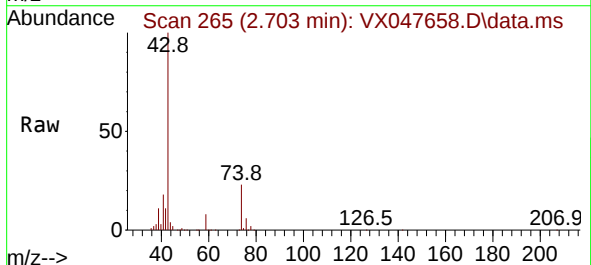
Tgt Ion: 76 Resp: 327359
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

Manual Integrations
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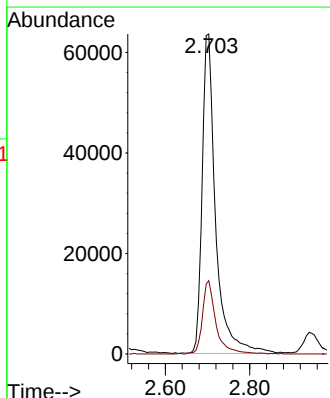
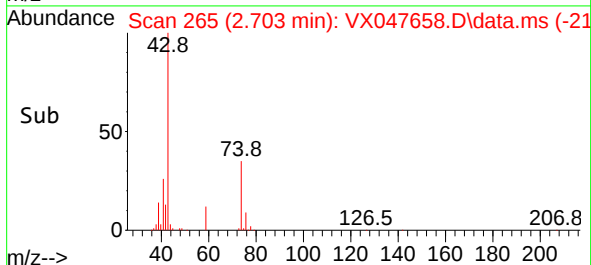
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

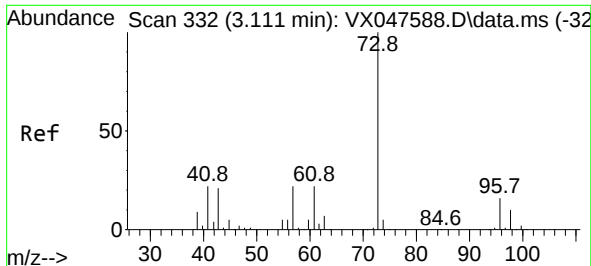


#18
Methyl Acetate
Concen: 54.842 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16



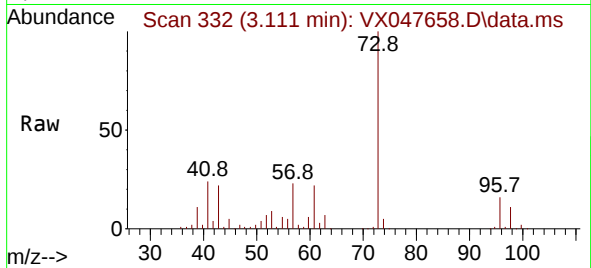
Tgt Ion: 43 Resp: 141872
Ion Ratio Lower Upper
43 100
74 22.9 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 53.778 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

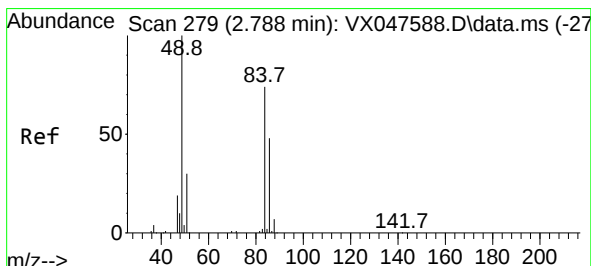
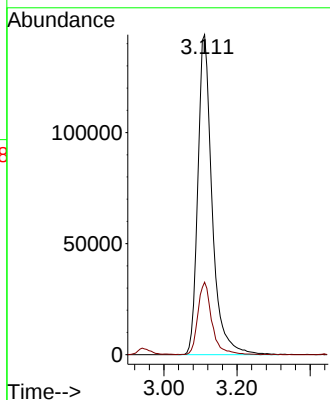
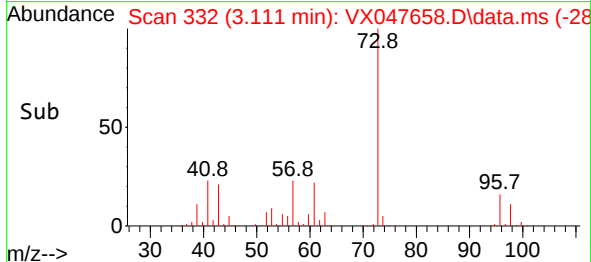
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 39174
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.2

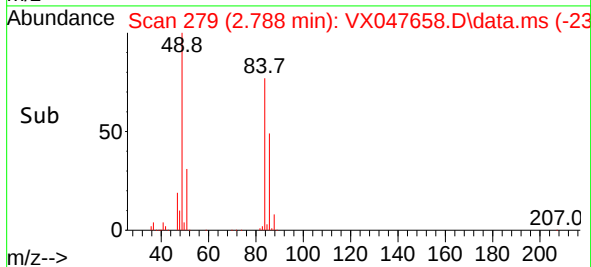
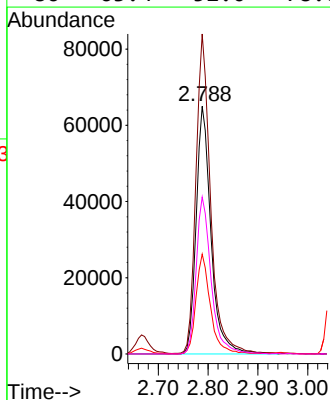
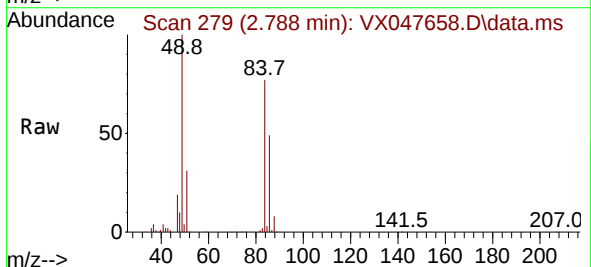
Manual Integrations
APPROVED

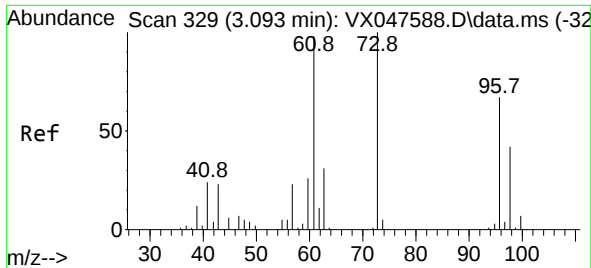
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#20
Methylene Chloride
Concen: 54.805 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

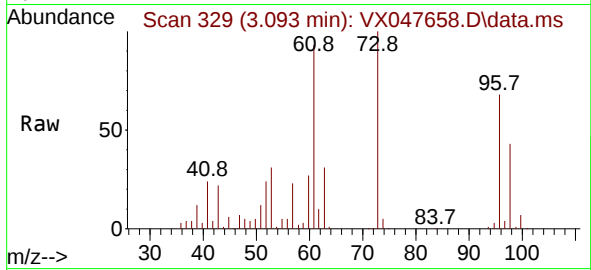
Tgt Ion: 84 Resp: 134847
Ion Ratio Lower Upper
84 100
49 129.0 108.6 162.8
51 40.3 32.6 48.8
86 63.4 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 56.420 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

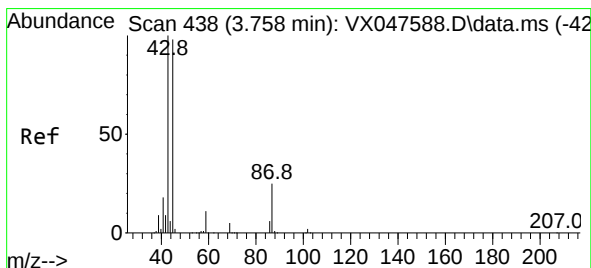
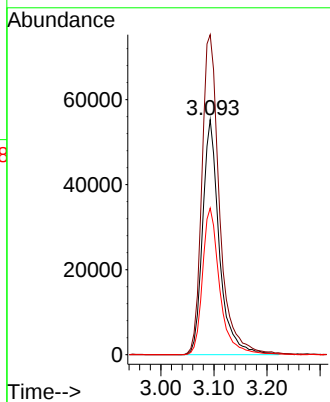
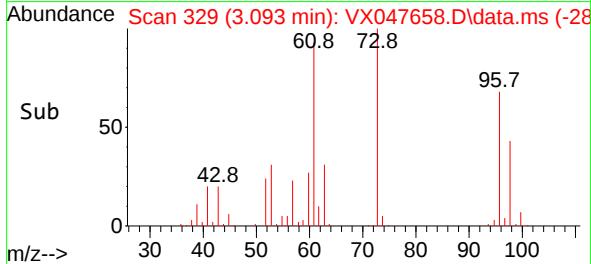
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



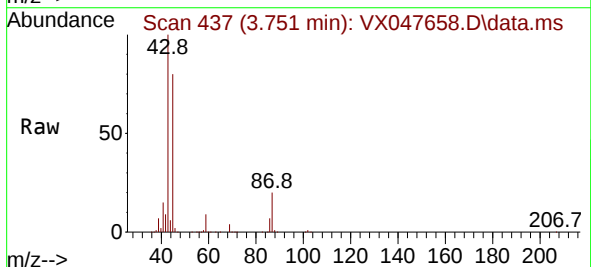
Tgt Ion: 96 Resp: 121210
Ion Ratio Lower Upper
96 100
61 136.1 116.2 174.2
98 62.4 49.3 73.9

Manual Integrations
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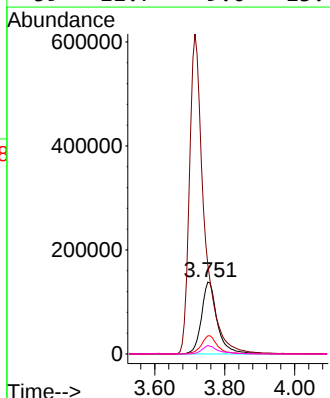
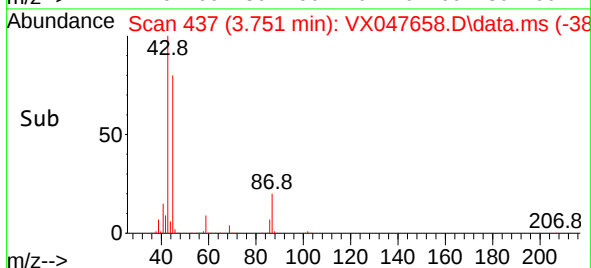
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

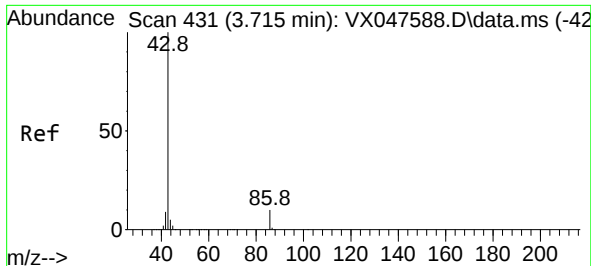


#22
Diisopropyl ether
Concen: 54.509 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16



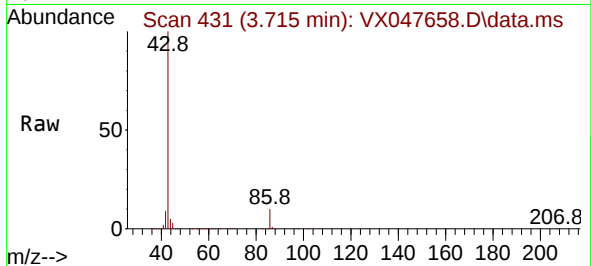
Tgt Ion: 45 Resp: 434997
Ion Ratio Lower Upper
45 100
43 123.3 81.0 121.4#
87 25.2 20.3 30.5
59 11.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 283.269 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047658.D
 Acq: 18 Sep 2025 21:16

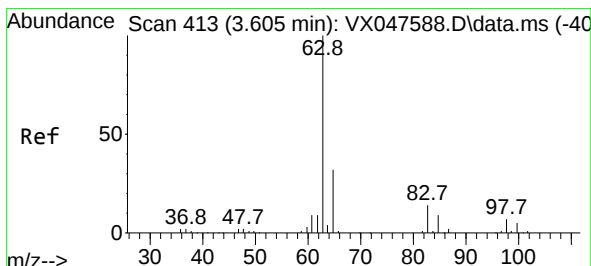
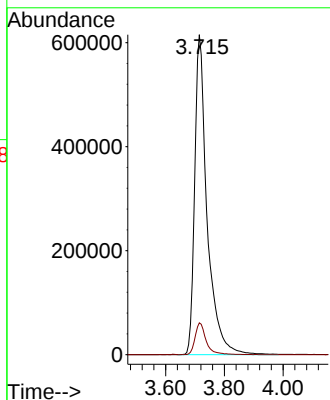
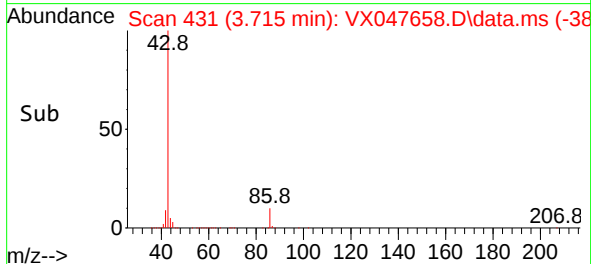
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



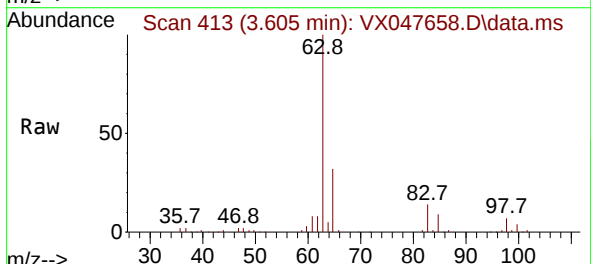
Tgt Ion: 43 Resp: 180922
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

Manual Integrations
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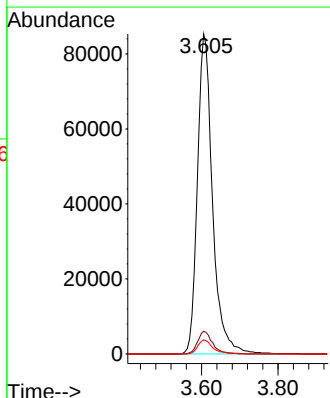
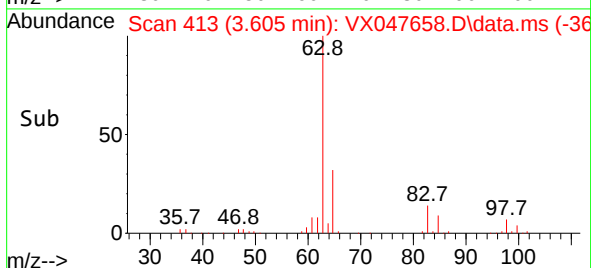
Reviewed By :John Carlone 09/19/2025
 Supervised By :Mahesh Dadoda 09/19/2025

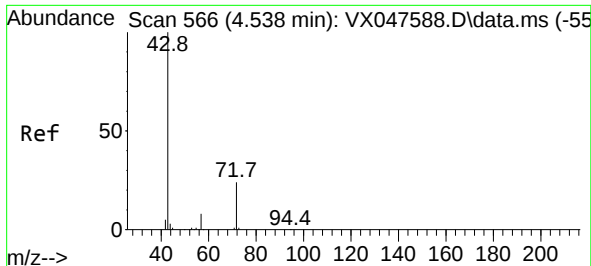


#24
 1,1-Dichloroethane
 Concen: 55.084 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX047658.D
 Acq: 18 Sep 2025 21:16



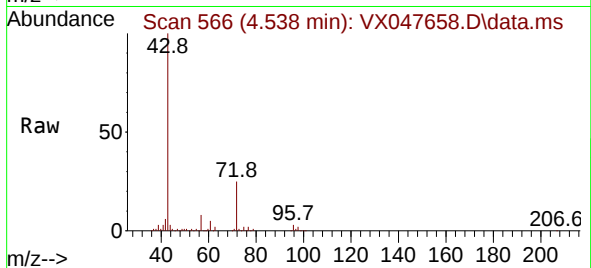
Tgt Ion: 63 Resp: 233642
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.4 2.3 6.9





#25
2-Butanone
Concen: 264.947 ug/l
RT: 4.538 min Scan# 566
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

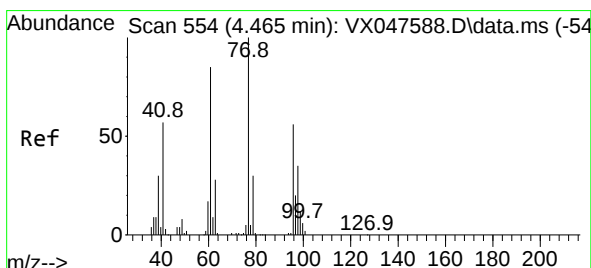
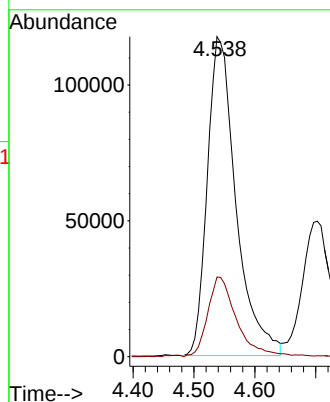
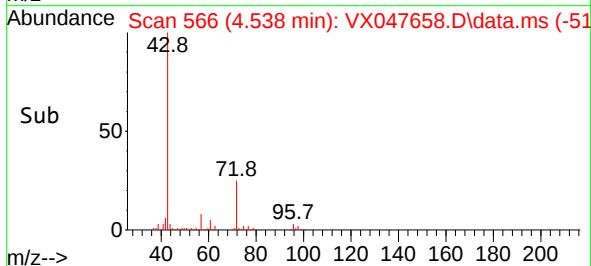
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



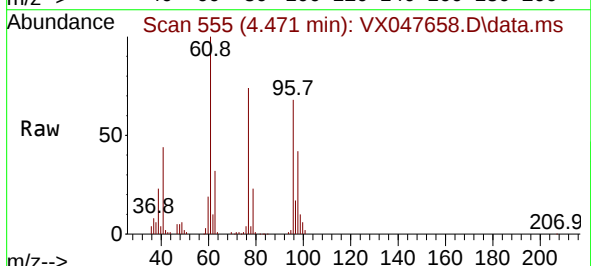
Tgt Ion: 43 Resp: 38416
Ion Ratio Lower Upper
43 100
72 24.3 20.1 30.1

Manual Integrations
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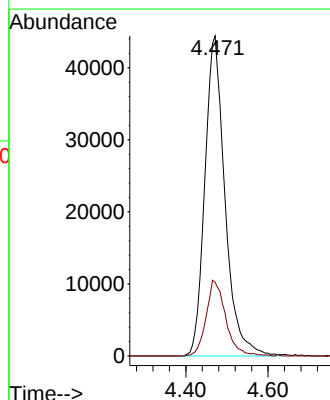
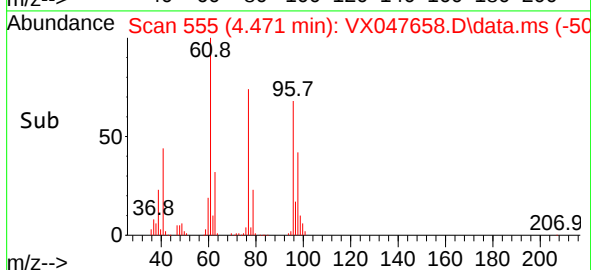
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

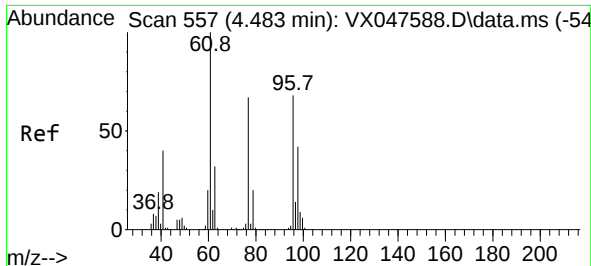


#26
2,2-Dichloropropane
Concen: 42.831 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16



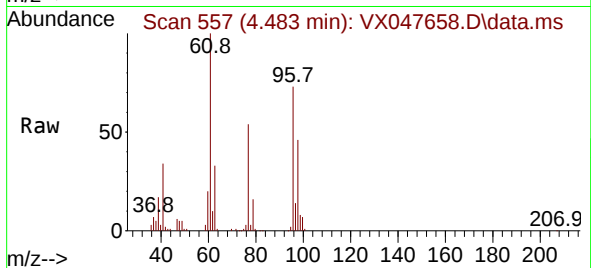
Tgt Ion: 77 Resp: 151016
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 55.442 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX047658.D
 Acq: 18 Sep 2025 21:16

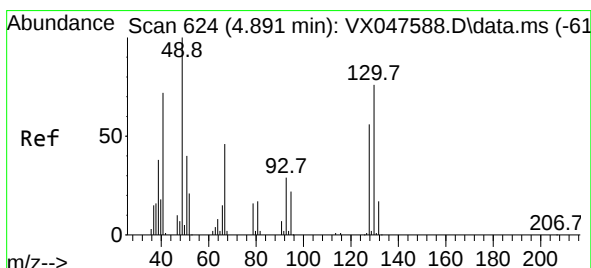
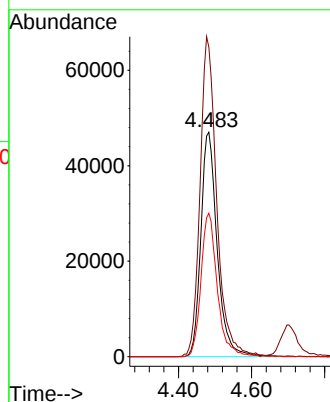
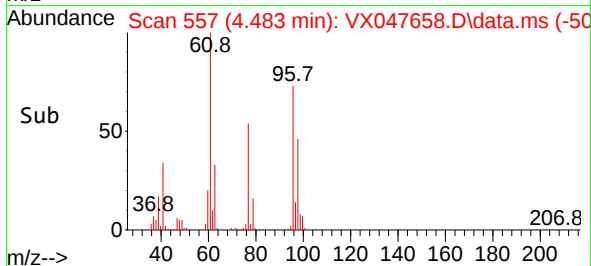
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



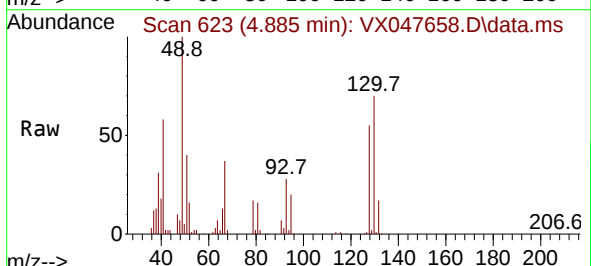
Tgt Ion: 96 Resp: 145870
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 303.2
 98 63.7 0.0 127.8

Manual Integrations
 APPROVED

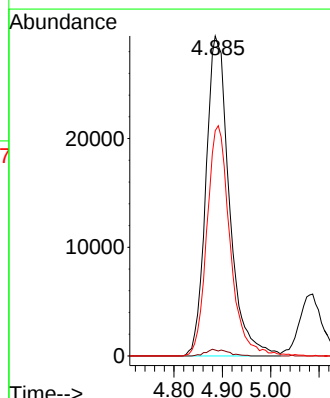
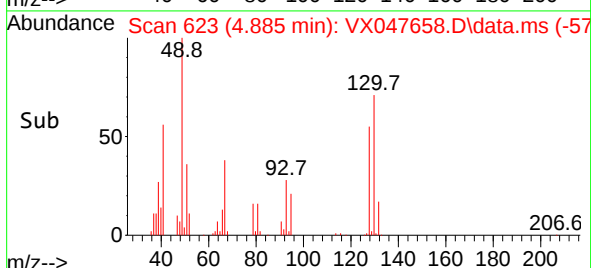
Reviewed By :John Carlone 09/19/2025
 Supervised By :Mahesh Dadoda 09/19/2025

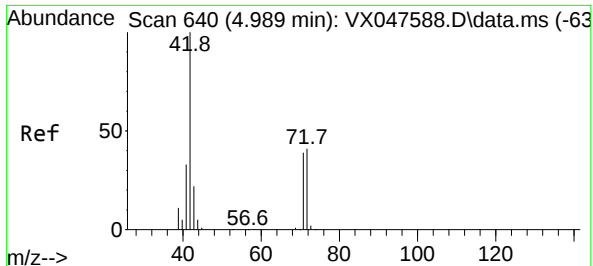


#28
 Bromochloromethane
 Concen: 53.438 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.006 min
 Lab File: VX047658.D
 Acq: 18 Sep 2025 21:16



Tgt Ion: 49 Resp: 98953
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.2
 130 71.2 57.8 86.8





#29

Tetrahydrofuran

Concen: 280.136 ug/l

RT: 4.989 min Scan# 640

Delta R.T. 0.000 min

Lab File: VX047658.D

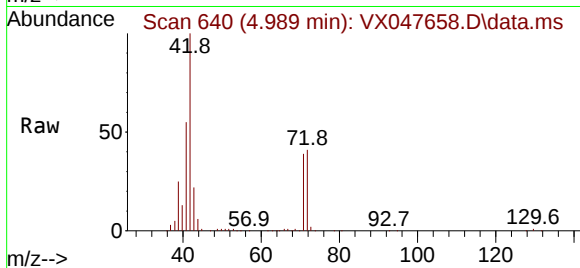
Acq: 18 Sep 2025 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



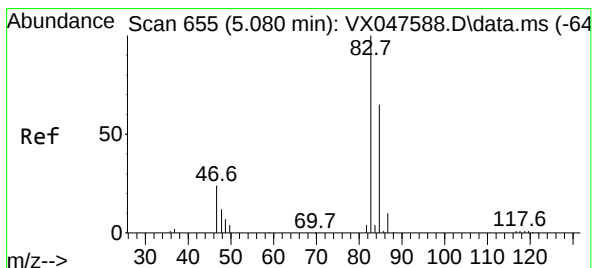
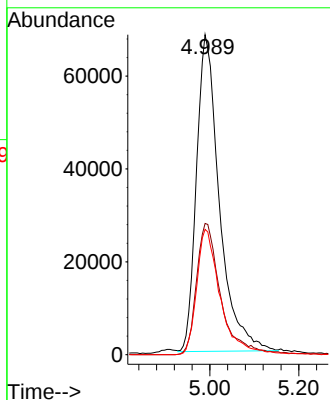
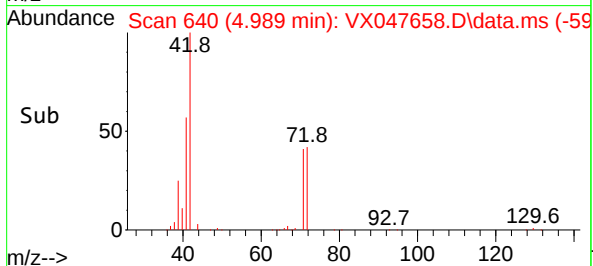
Tgt Ion:	42	Resp:	24435
Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.2	51.2
71	40.9	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#30

Chloroform

Concen: 54.285 ug/l

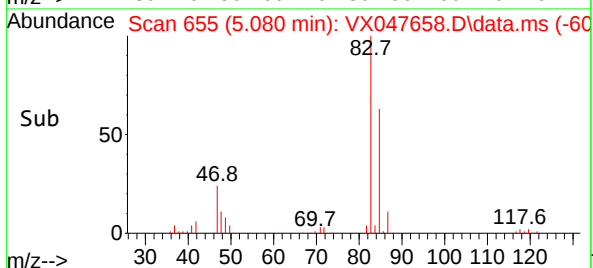
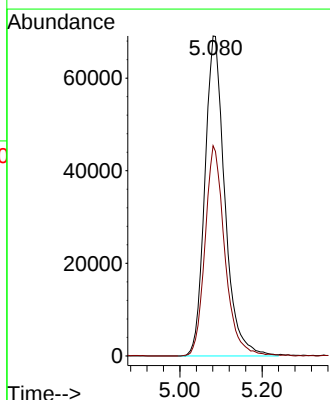
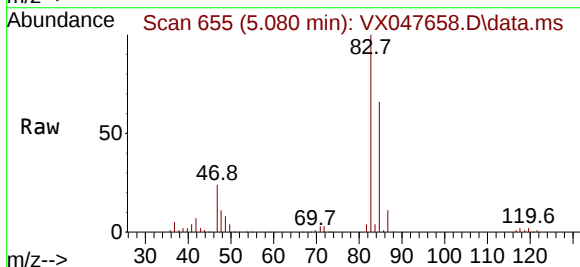
RT: 5.080 min Scan# 655

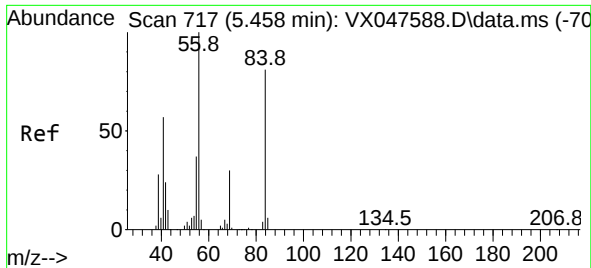
Delta R.T. 0.000 min

Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

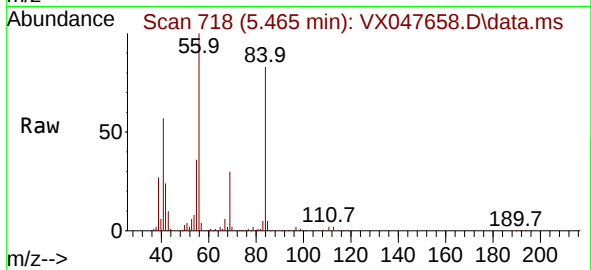
Tgt Ion:	83	Resp:	232676
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.8	77.6





#31
Cyclohexane
Concen: 55.215 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

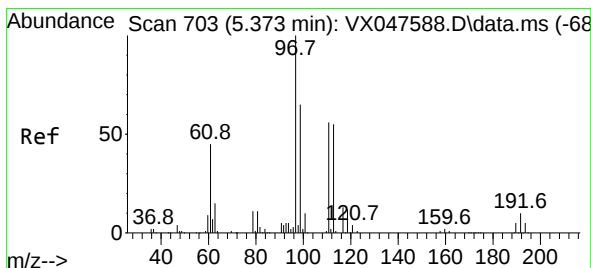
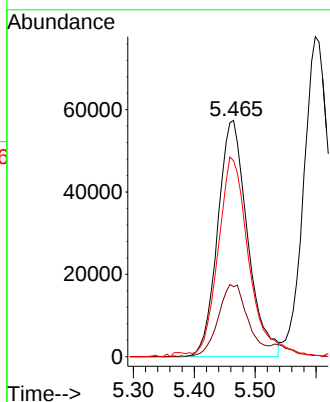
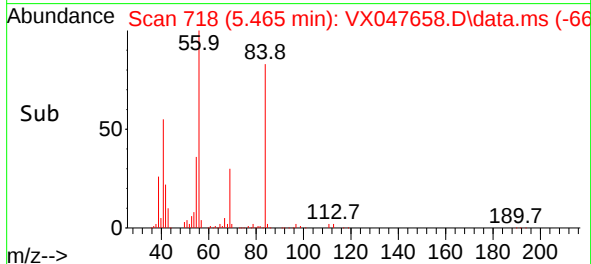
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 195059
Ion Ratio Lower Upper
56 100
69 29.2 23.8 35.8
84 81.2 64.6 97.0

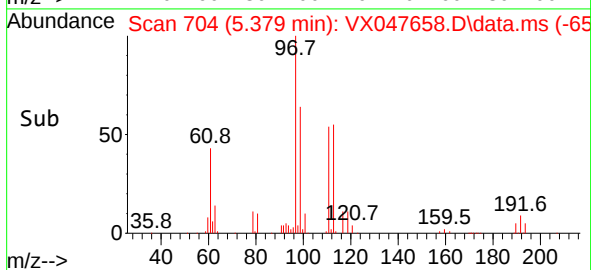
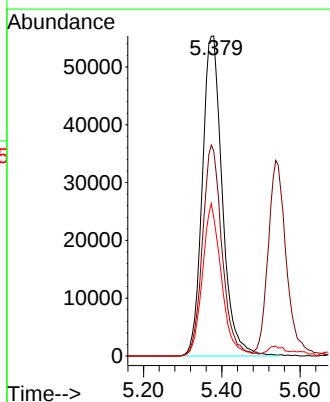
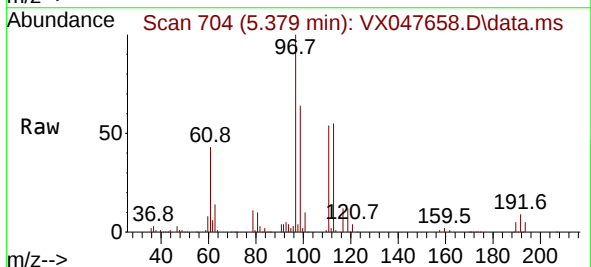
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#32
1,1,1-Trichloroethane
Concen: 53.945 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Tgt Ion: 97 Resp: 196125
Ion Ratio Lower Upper
97 100
99 64.1 50.6 76.0
61 45.3 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 50.938 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 136178

Ion Ratio Lower Upper

65 100

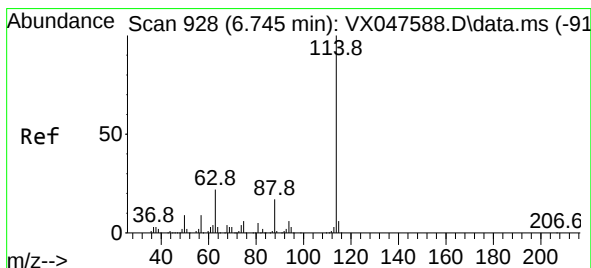
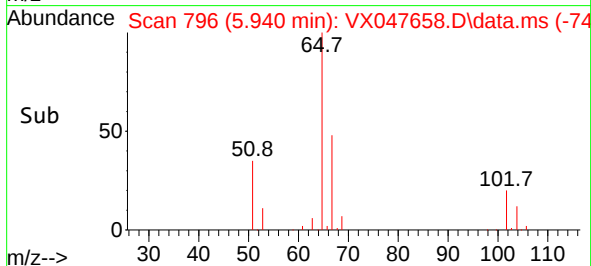
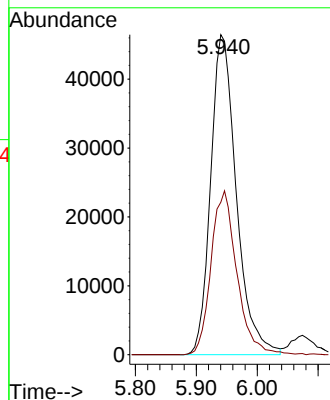
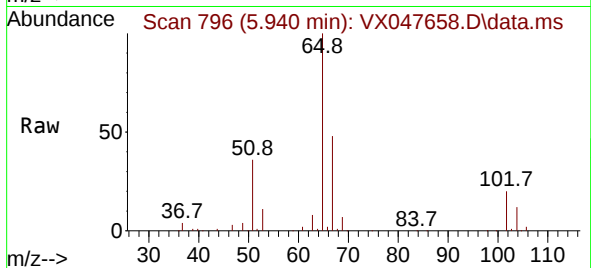
67 51.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

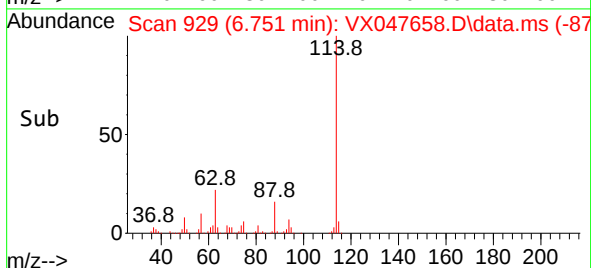
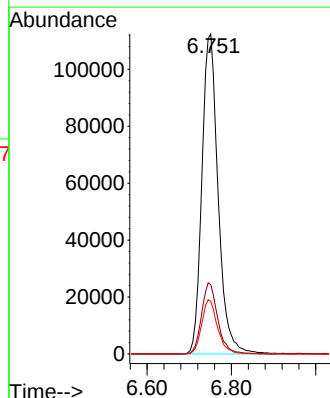
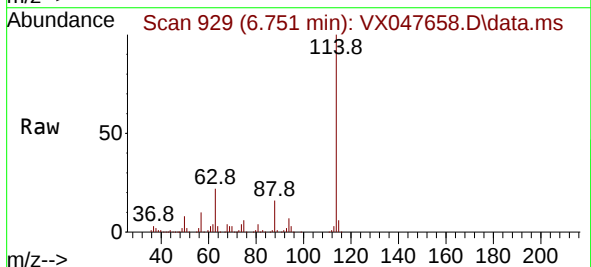
Tgt Ion:114 Resp: 301649

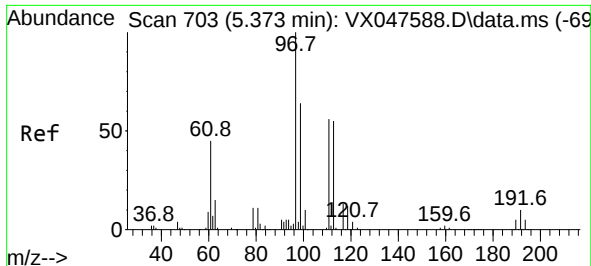
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

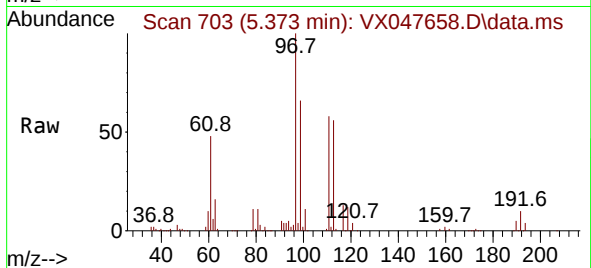
88 16.5 0.0 34.2





#35
Dibromofluoromethane
Concen: 51.115 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

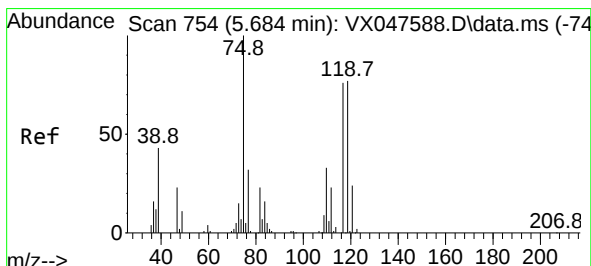
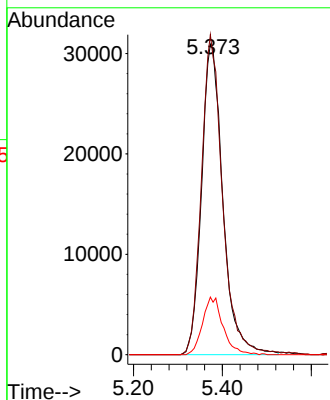
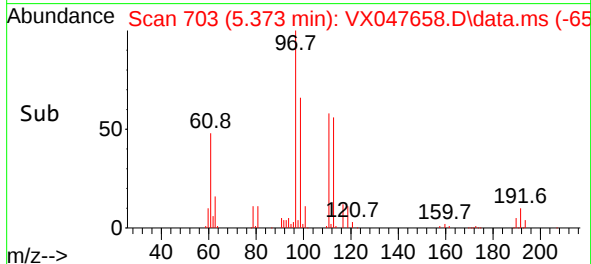
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 10340
Ion Ratio Lower Upper
113 100
111 101.8 80.9 121.3
192 17.8 14.2 21.4

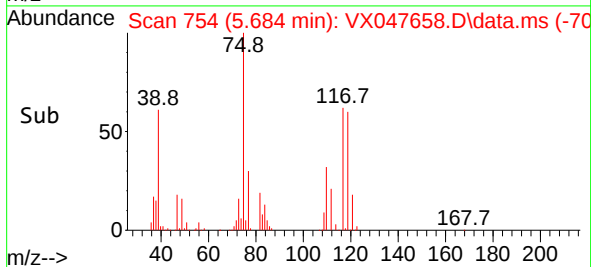
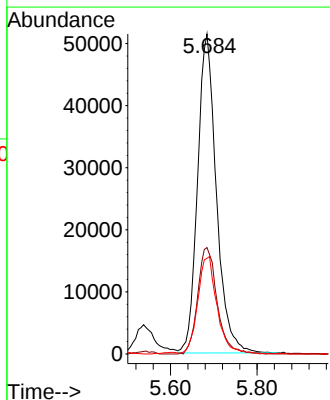
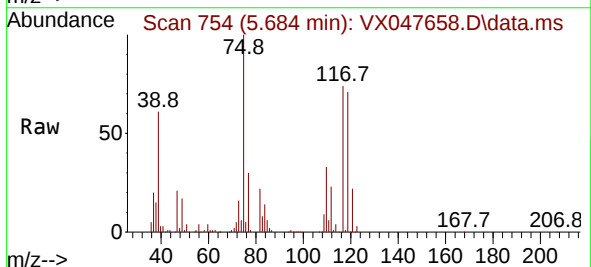
Manual Integrations
APPROVED

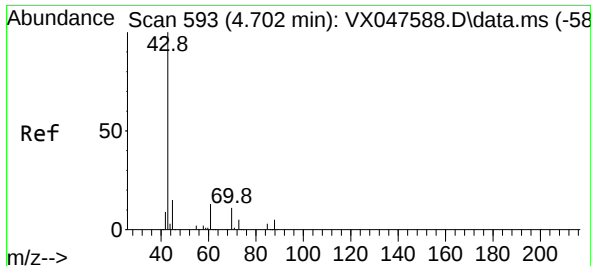
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#36
1,1-Dichloropropene
Concen: 52.483 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

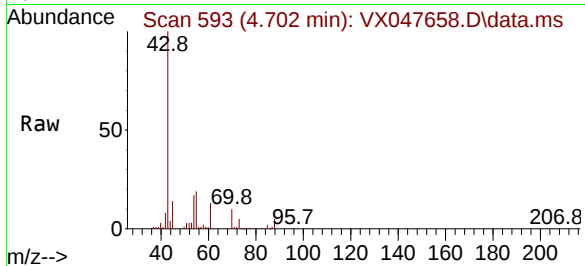
Tgt Ion: 75 Resp: 155147
Ion Ratio Lower Upper
75 100
110 34.5 16.7 50.1
77 31.3 24.3 36.5





#37
Ethyl Acetate
Concen: 54.969 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

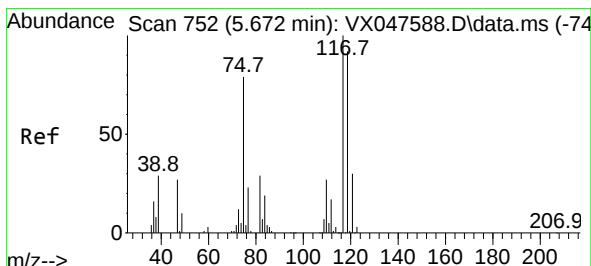
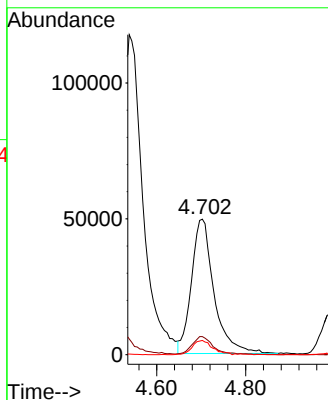
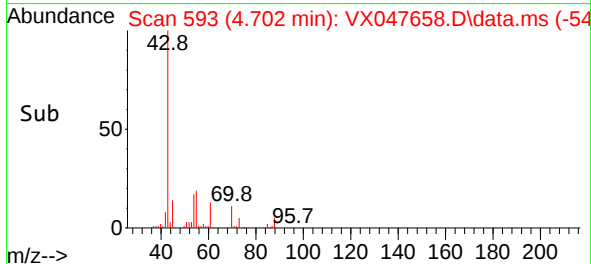
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



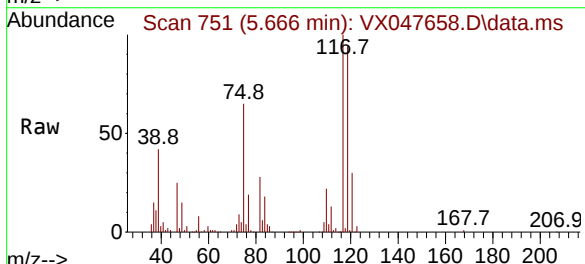
Tgt Ion: 43 Resp: 17398
Ion Ratio Lower Upper
43 100
61 12.5 9.8 14.8
70 9.5 7.9 11.9

Manual Integrations
APPROVED

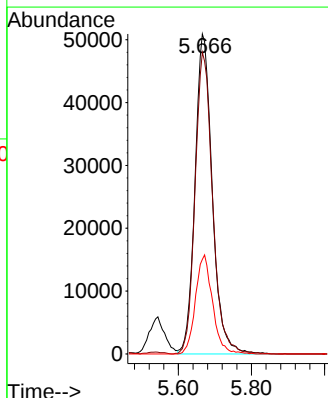
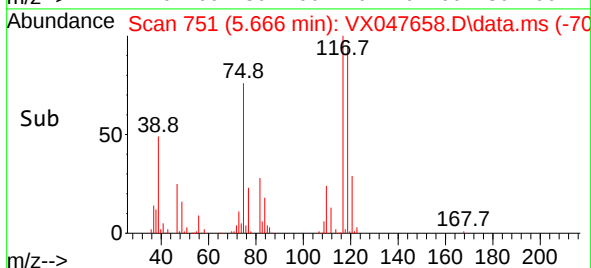
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#38
Carbon Tetrachloride
Concen: 52.118 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16



Tgt Ion:117 Resp: 167396
Ion Ratio Lower Upper
117 100
119 94.3 73.4 110.2
121 29.5 23.8 35.6





#39

Methylcyclohexane

Concen: 54.630 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

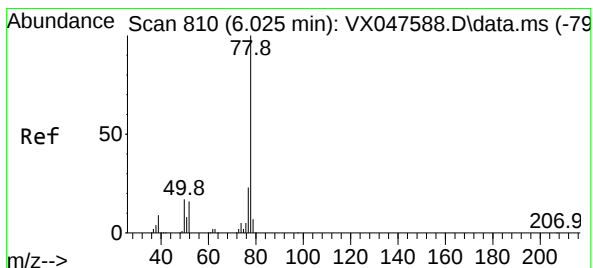
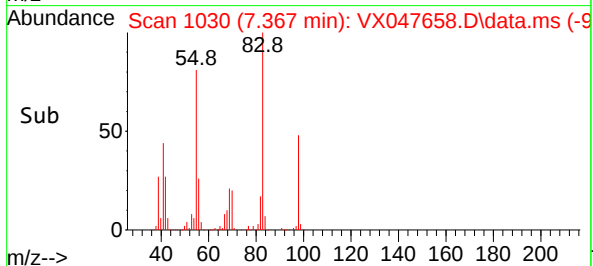
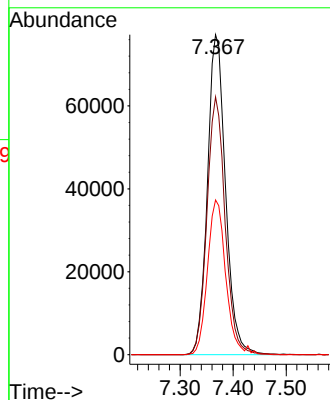
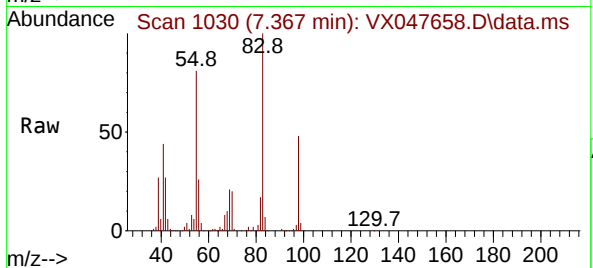
Tgt Ion:	83	Resp:	183314
Ion	Ratio	Lower	Upper
83	100		
55	80.5	66.4	99.6
98	48.4	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#40

Benzene

Concen: 54.614 ug/l

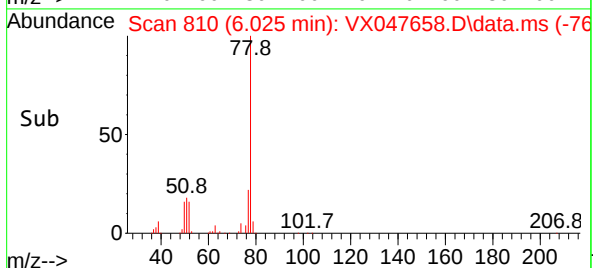
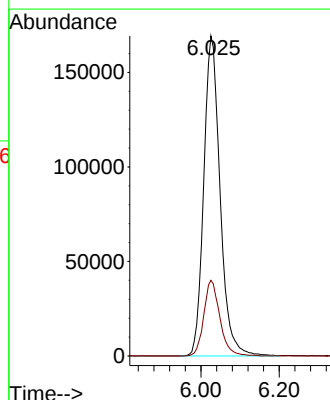
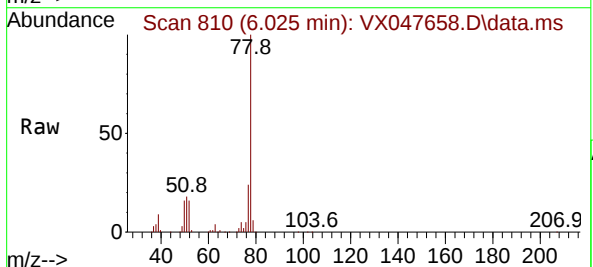
RT: 6.025 min Scan# 810

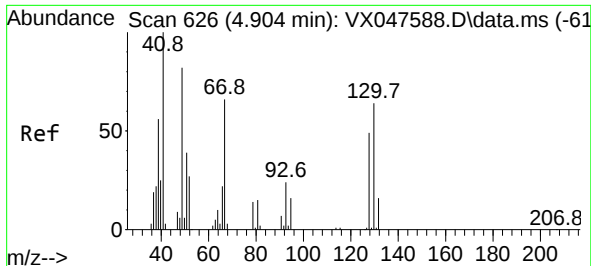
Delta R.T. 0.000 min

Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

Tgt Ion:	78	Resp:	490348
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





#41
Methacrylonitrile
Concen: 55.718 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

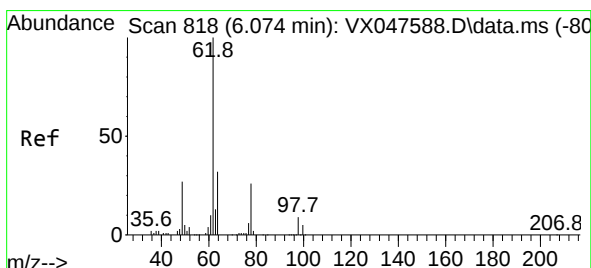
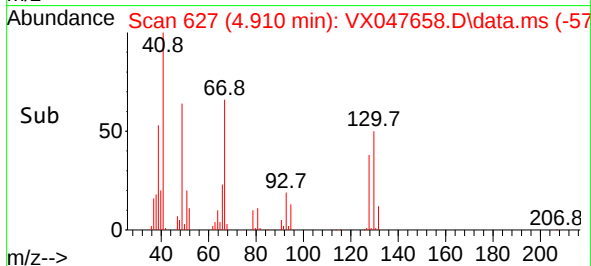
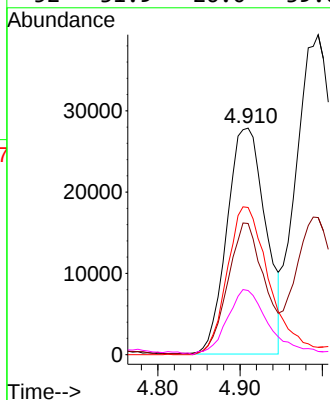
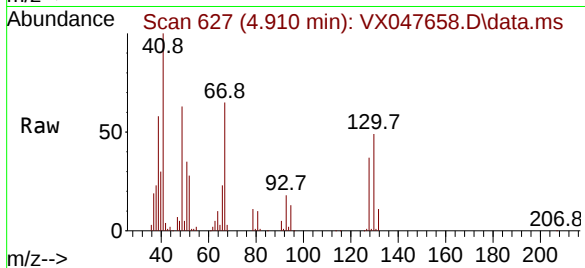
Tgt Ion: 41 Resp: 91044
Ion Ratio Lower Upper
41 100
39 54.1 43.3 64.9
67 73.1 58.6 87.8
52 31.9 26.0 39.0

Manual Integrations

APPROVED

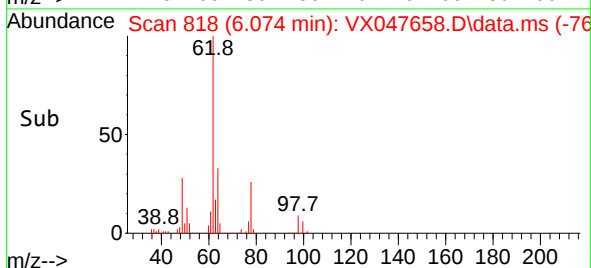
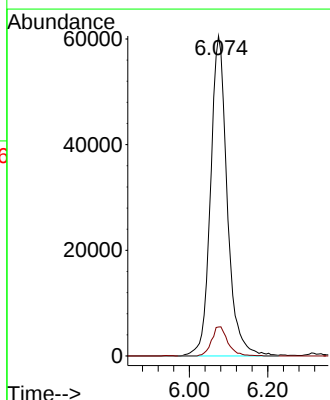
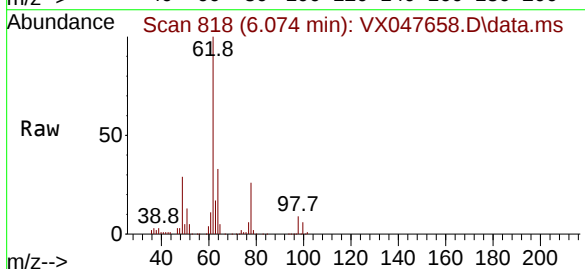
Reviewed By :John Carlone 09/19/2025

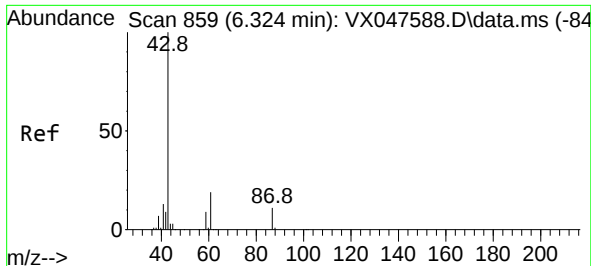
Supervised By :Mahesh Dadoda 09/19/2025



#42
1,2-Dichloroethane
Concen: 52.519 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

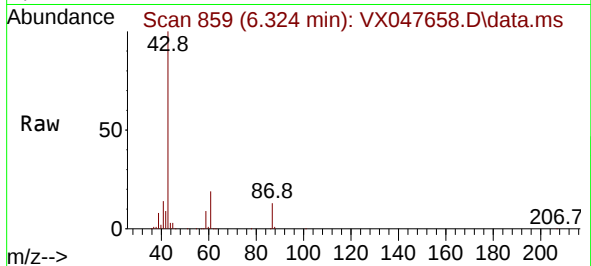
Tgt Ion: 62 Resp: 179416
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.0





#43
Isopropyl Acetate
Concen: 54.217 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

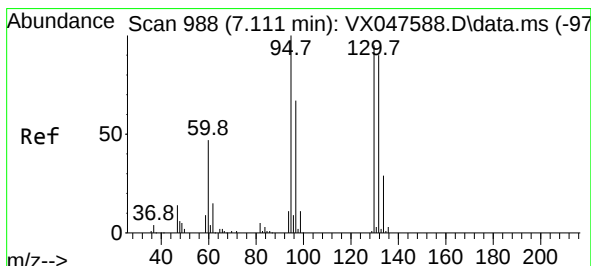
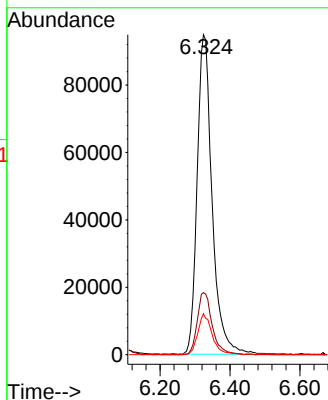
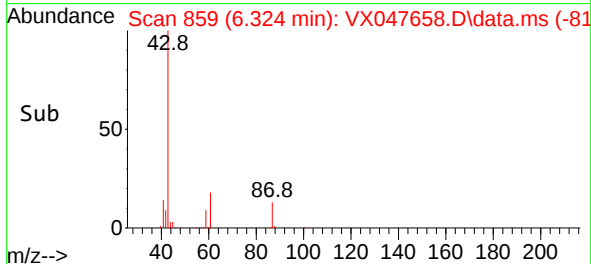
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 28144
Ion Ratio Lower Upper
43 100
61 19.4 15.2 22.8
87 12.2 9.6 14.4

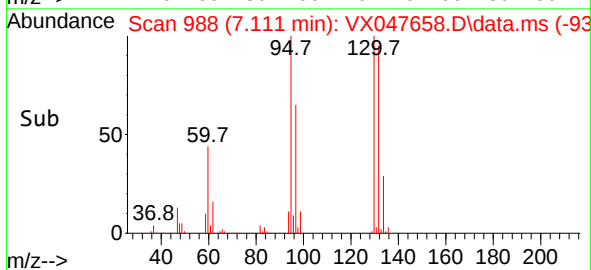
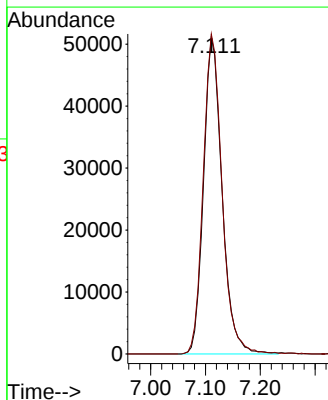
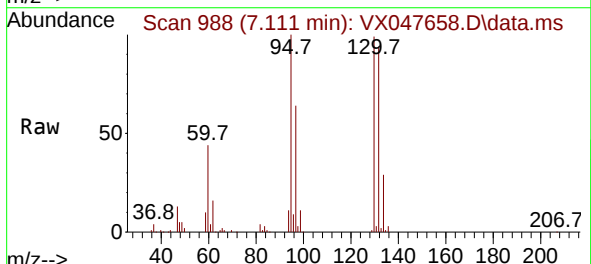
Manual Integrations
APPROVED

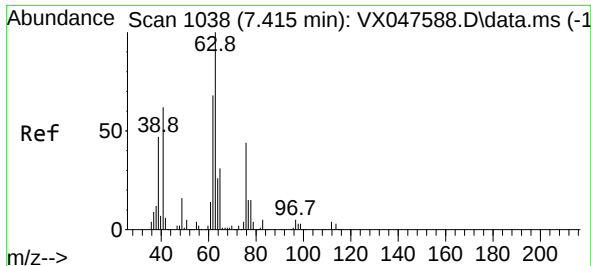
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#44
Trichloroethene
Concen: 55.163 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Tgt Ion:130 Resp: 119740
Ion Ratio Lower Upper
130 100
95 100.8 0.0 210.8





#45

1,2-Dichloropropane

Concen: 53.375 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 12271

Ion Ratio Lower Upper

63 100

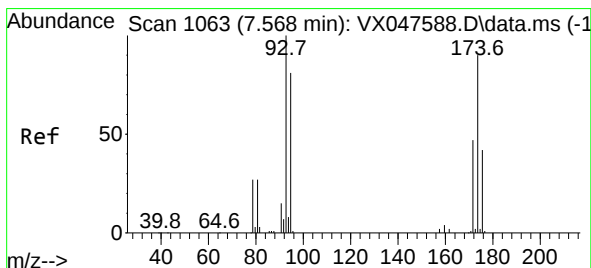
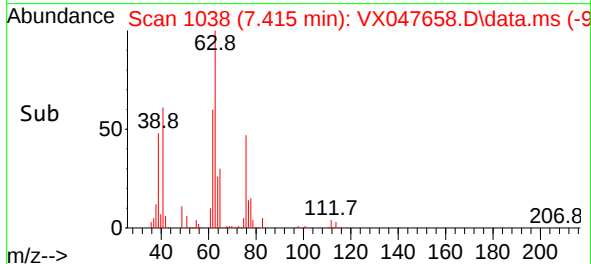
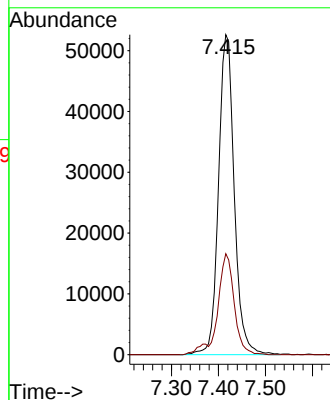
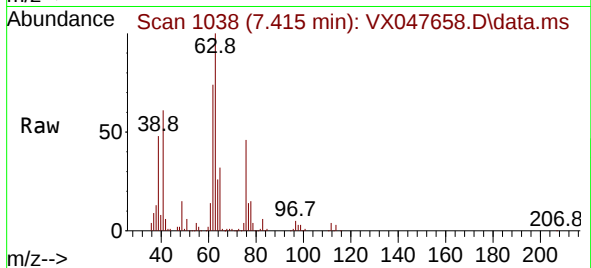
65 31.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#46

Dibromomethane

Concen: 53.783 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

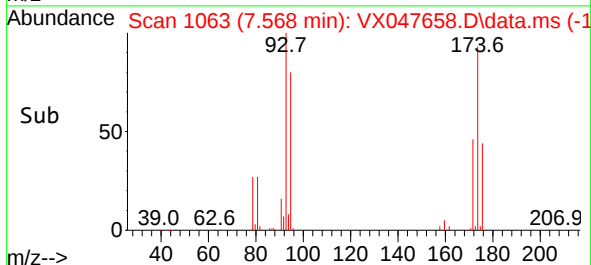
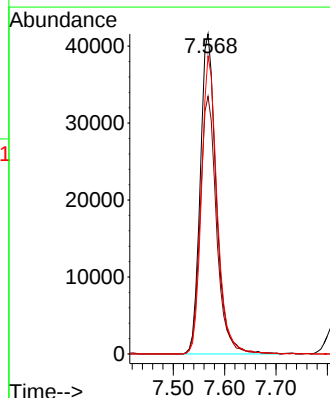
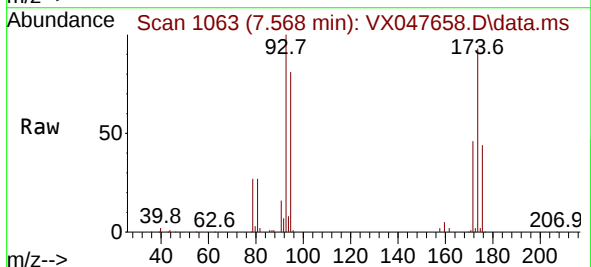
Tgt Ion: 93 Resp: 89980

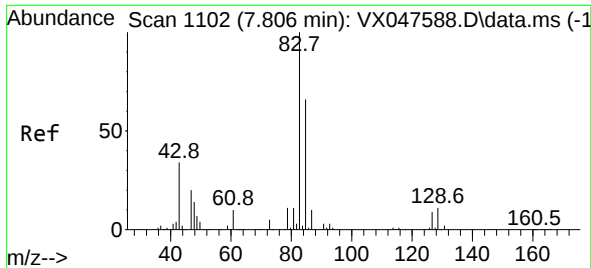
Ion Ratio Lower Upper

93 100

95 82.0 65.0 97.6

174 91.6 71.6 107.4





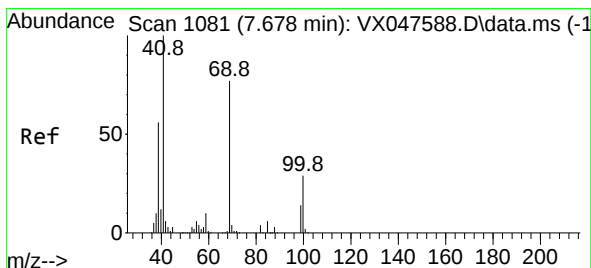
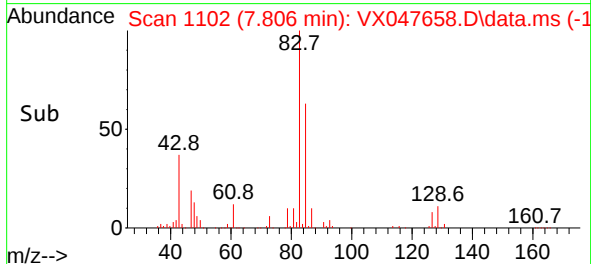
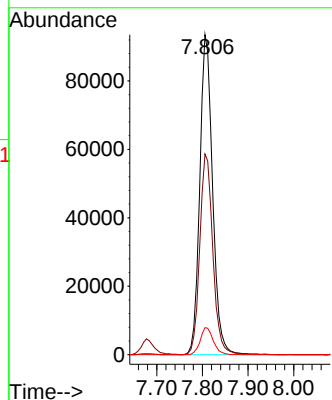
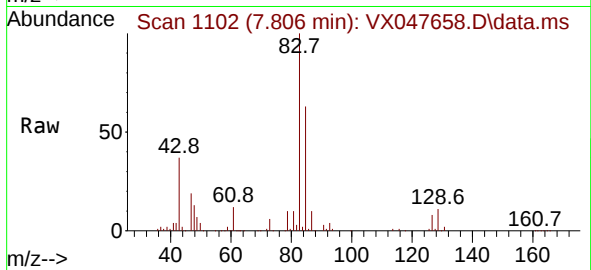
#47
Bromodichloromethane
Concen: 52.634 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 18171
Ion Ratio Lower Upper
83 100
85 62.7 52.5 78.7
127 8.5 6.9 10.3

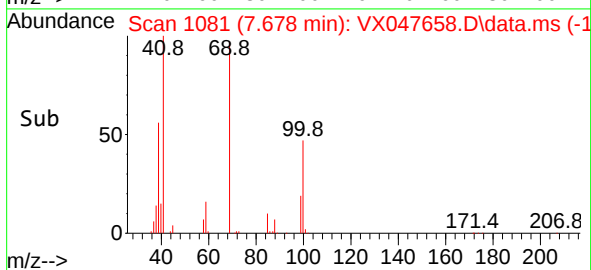
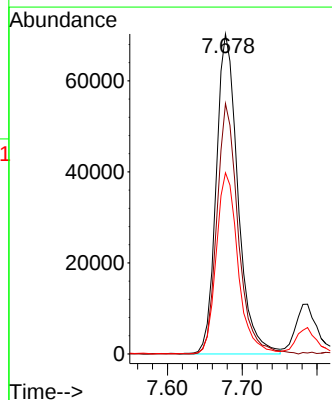
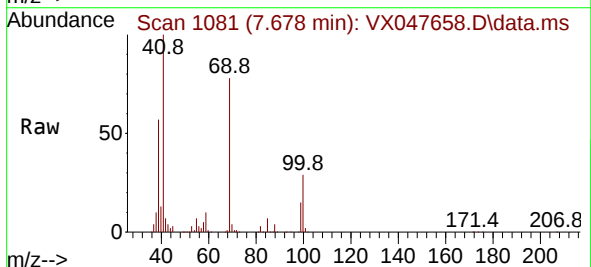
Manual Integrations
APPROVED

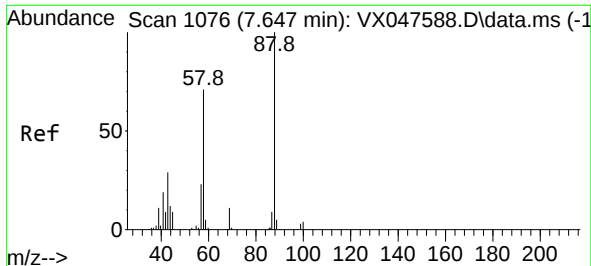
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#48
Methyl methacrylate
Concen: 55.128 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Tgt Ion: 41 Resp: 142545
Ion Ratio Lower Upper
41 100
69 76.3 61.4 92.2
39 56.5 45.8 68.6





#49

1,4-Dioxane

Concen: 1180.454 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

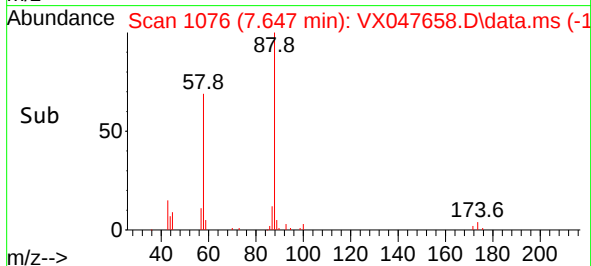
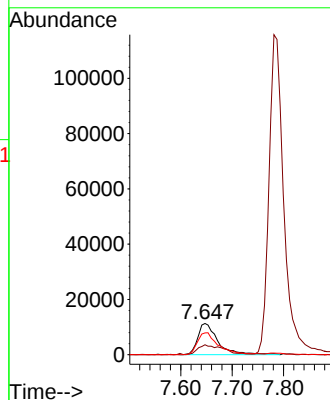
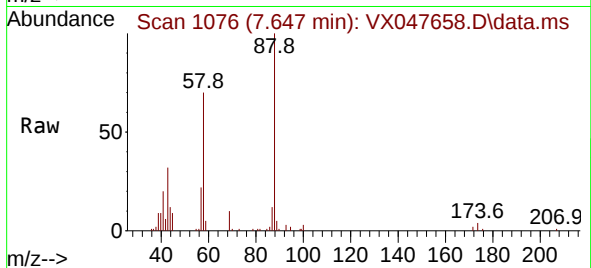
Tgt Ion:	88	Resp:	3084
Ion	Ratio	Lower	Upper
88	100		
43	36.5	30.2	45.2
58	73.8	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#50

Toluene-d8

Concen: 51.229 ug/l

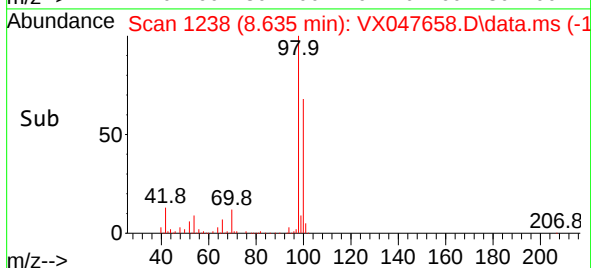
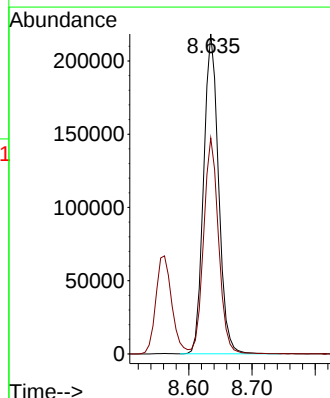
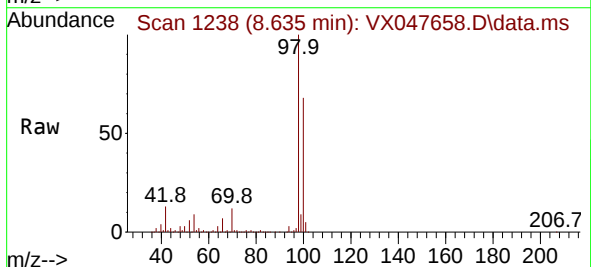
RT: 8.635 min Scan# 1238

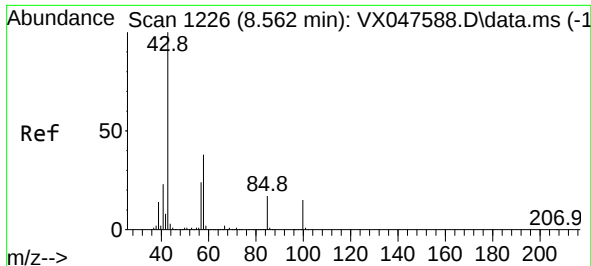
Delta R.T. 0.000 min

Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

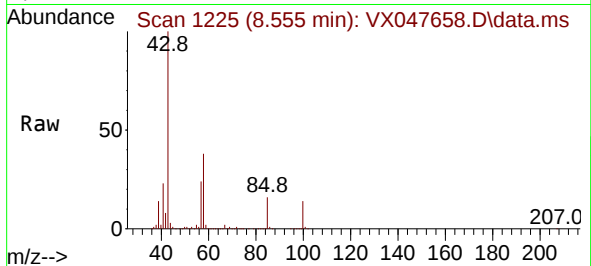
Tgt Ion:	98	Resp:	358607
Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 284.360 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

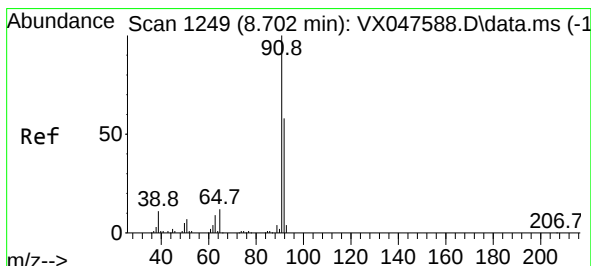
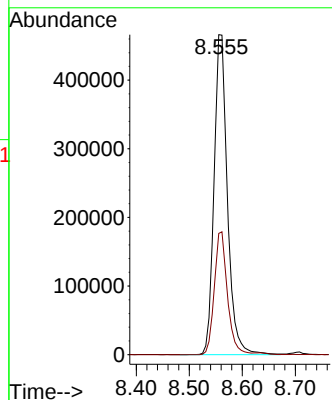
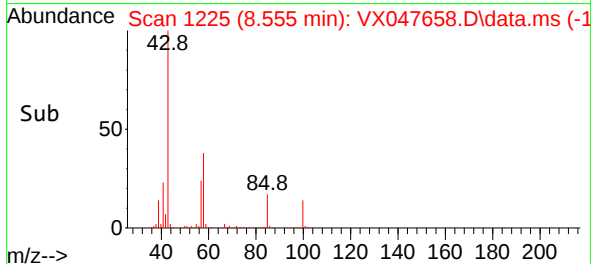
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 81843
Ion Ratio Lower Upper
43 100
58 37.7 30.3 45.5

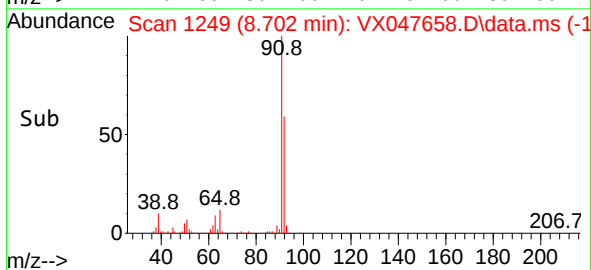
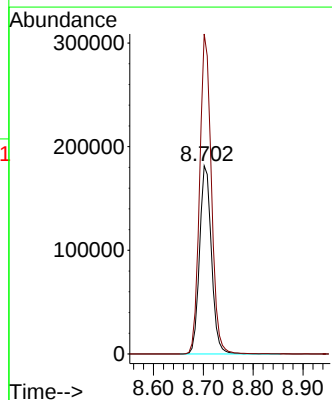
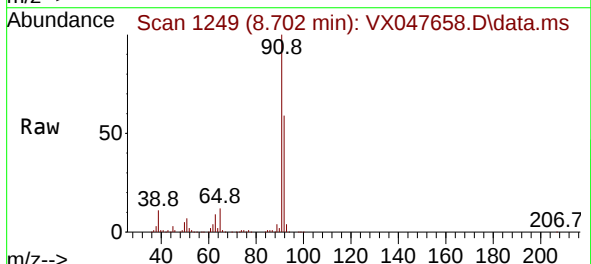
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#52
Toluene
Concen: 54.337 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Tgt Ion: 92 Resp: 300572
Ion Ratio Lower Upper
92 100
91 167.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 51.080 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 17987

Ion Ratio Lower Upper

75 100

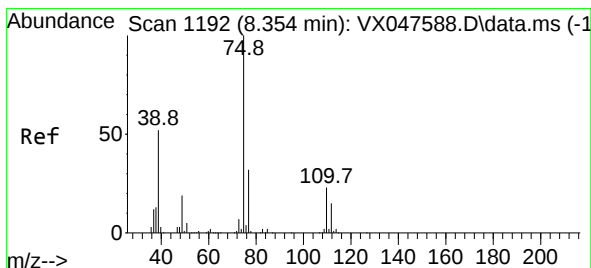
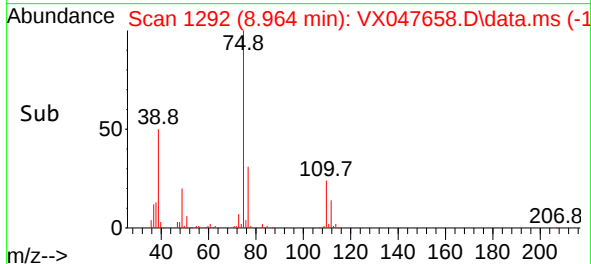
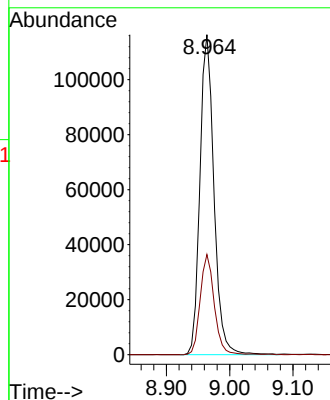
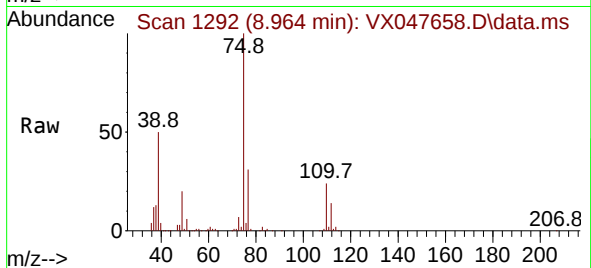
77 31.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#54

cis-1,3-Dichloropropene

Concen: 51.329 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

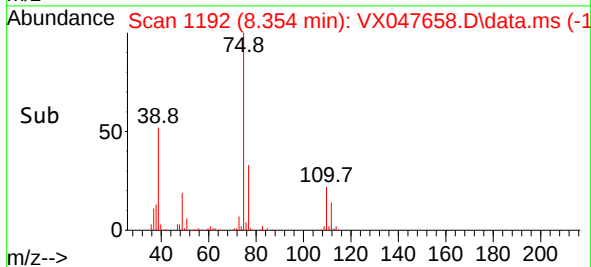
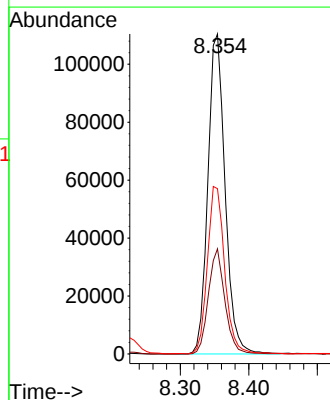
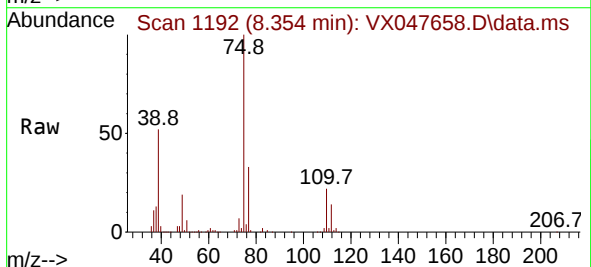
Tgt Ion: 75 Resp: 193198

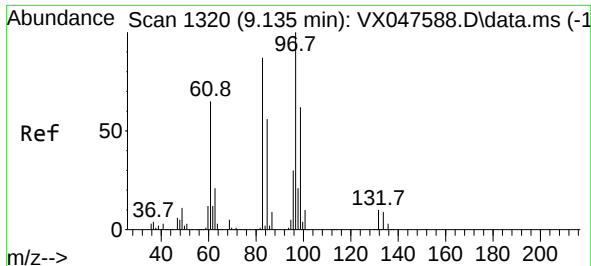
Ion Ratio Lower Upper

75 100

77 32.8 25.8 38.6

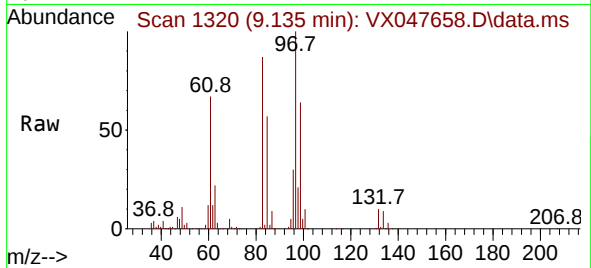
39 51.5 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 52.863 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

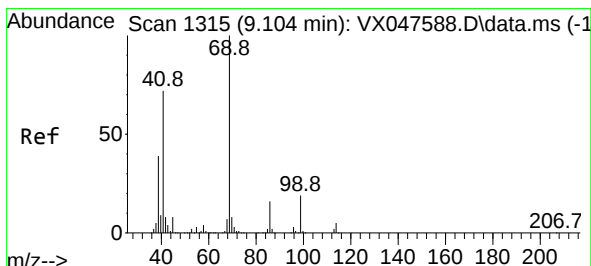
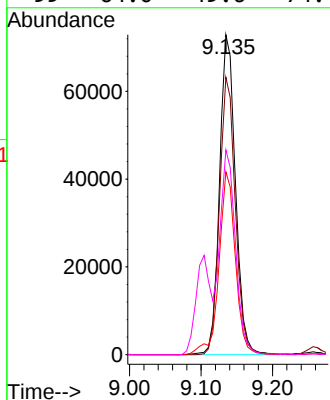
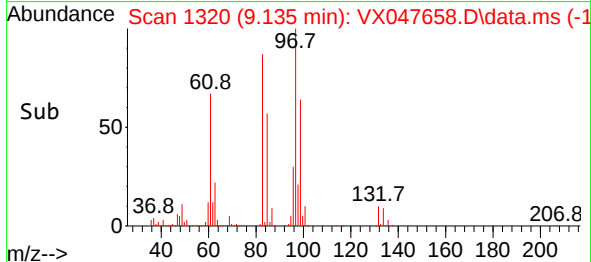
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.6	104.4
85	57.2	45.0	67.6
99	64.0	49.6	74.4

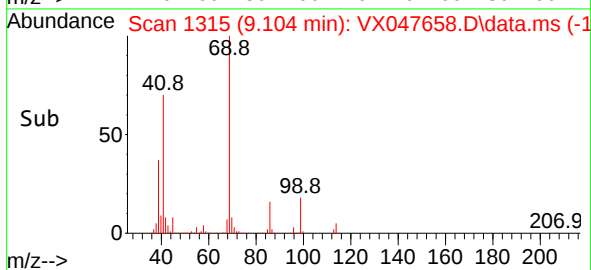
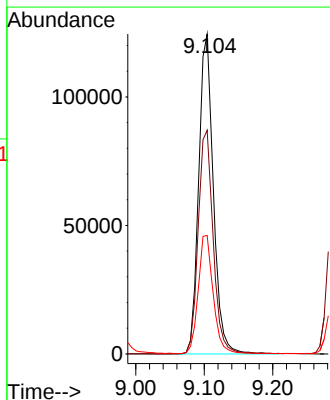
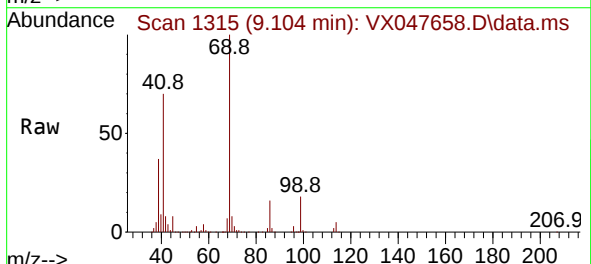
Manual Integrations
APPROVED

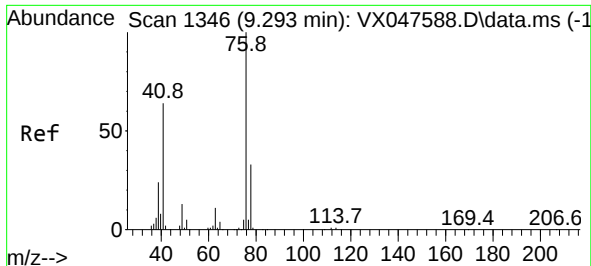
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#56
Ethyl methacrylate
Concen: 55.412 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

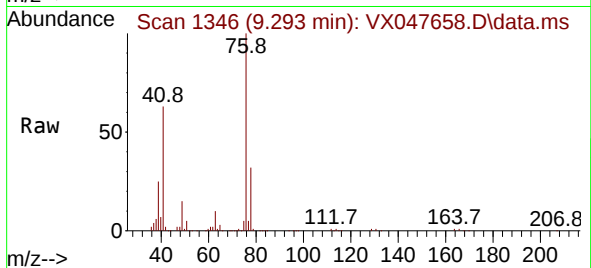
Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.2	58.6	87.8
39	38.1	31.5	47.3





#57
1,3-Dichloropropane
Concen: 54.276 ug/l
RT: 9.293 min Scan# 11346
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

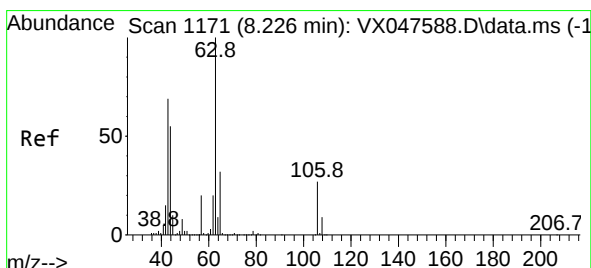
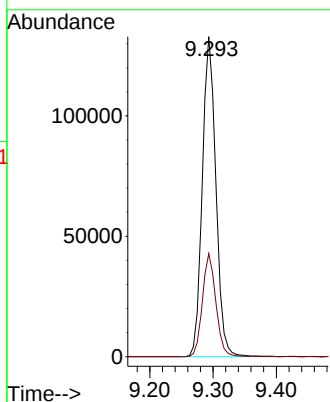
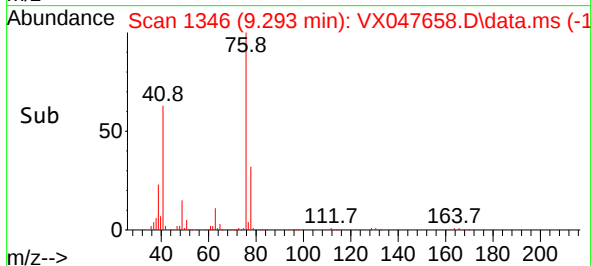
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 19887
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.4

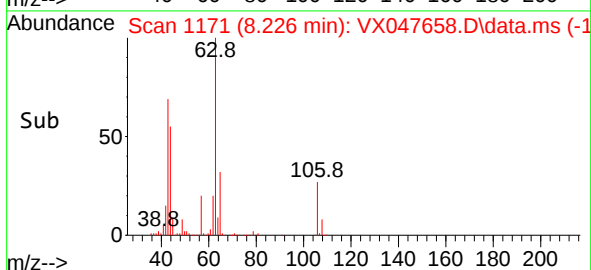
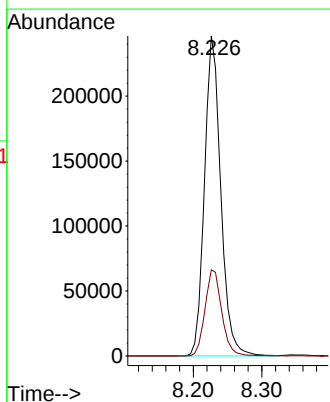
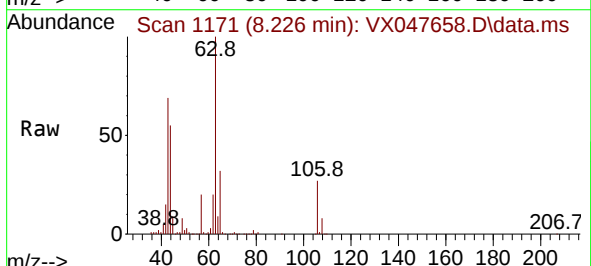
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 254.746 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

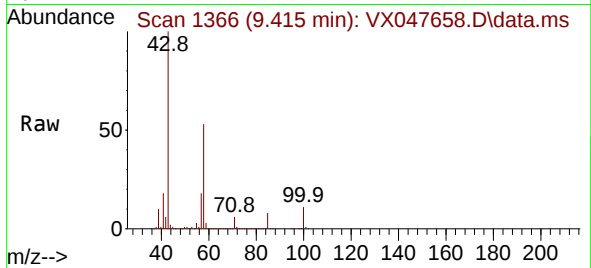
Tgt Ion: 63 Resp: 408214
Ion Ratio Lower Upper
63 100
106 27.7 21.9 32.9





#59
2-Hexanone
Concen: 275.500 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

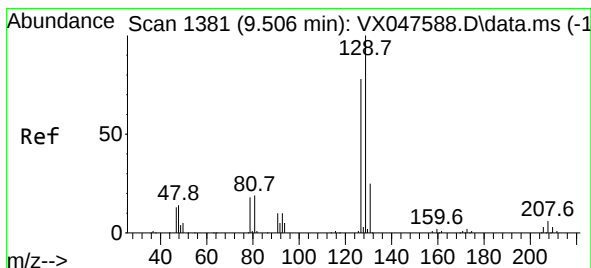
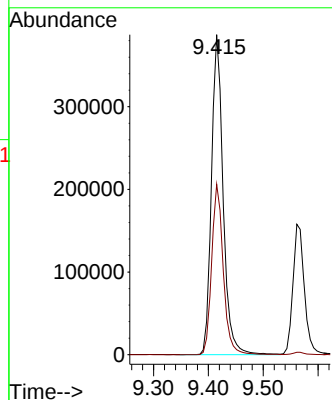
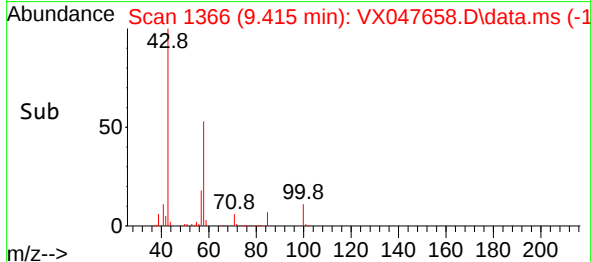
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 56948
Ion Ratio Lower Upper
43 100
58 53.0 26.1 78.2

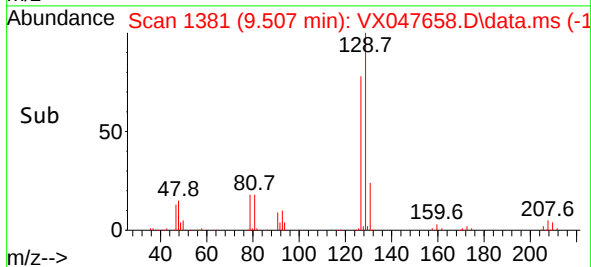
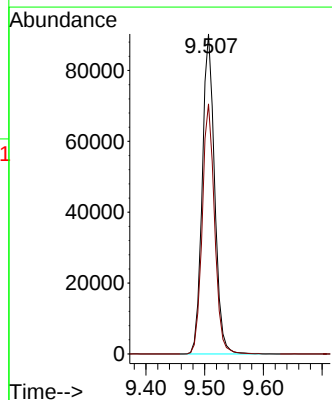
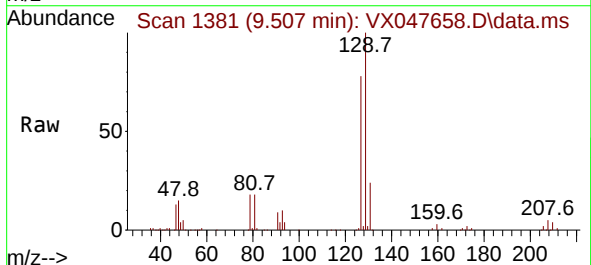
Manual Integrations
APPROVED

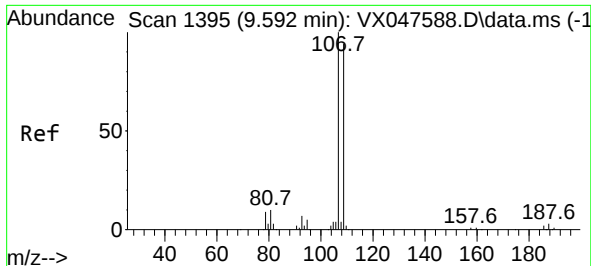
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#60
Dibromochloromethane
Concen: 53.772 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

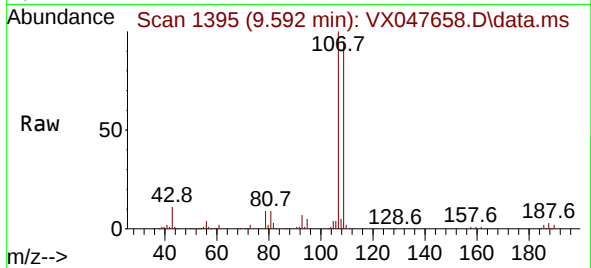
Tgt Ion:129 Resp: 132153
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.2





#61
1,2-Dibromoethane
Concen: 54.411 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

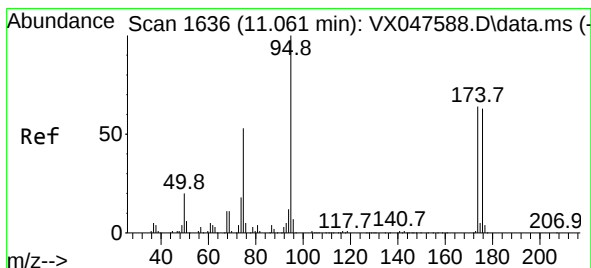
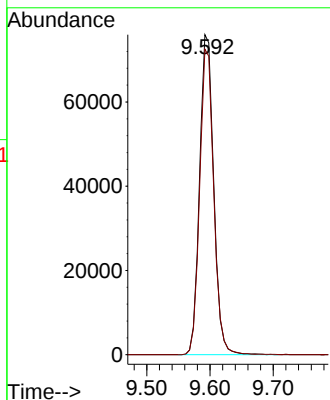
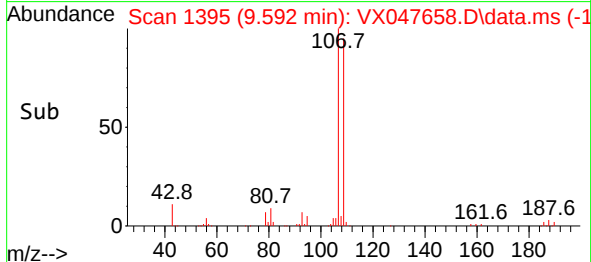
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



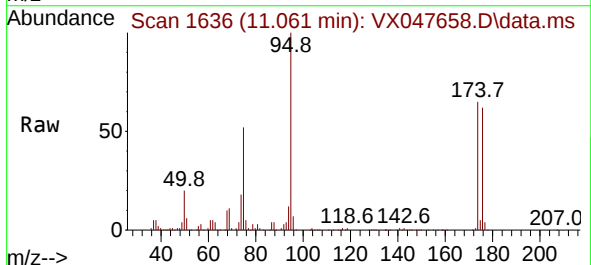
Tgt Ion:107 Resp: 118209
Ion Ratio Lower Upper
107 100
109 95.3 75.3 112.9

Manual Integrations
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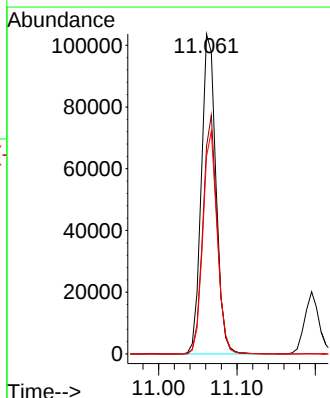
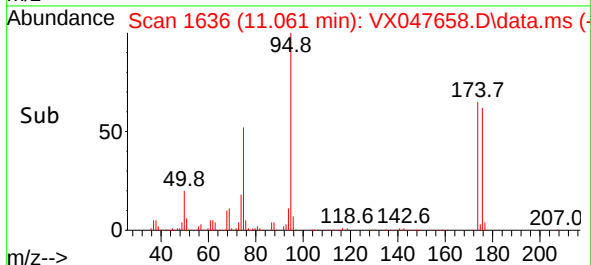
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

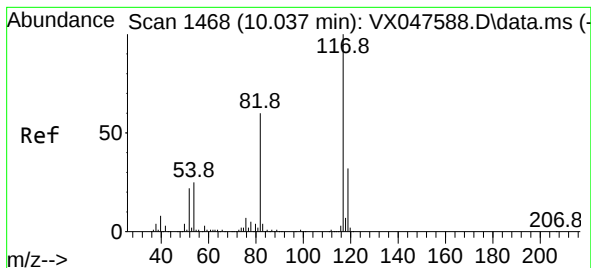


#62
4-Bromofluorobenzene
Concen: 50.604 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16



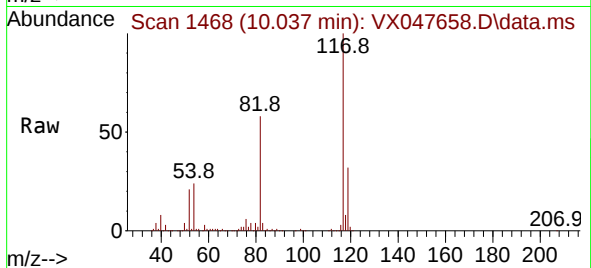
Tgt Ion: 95 Resp: 134436
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 68.3 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

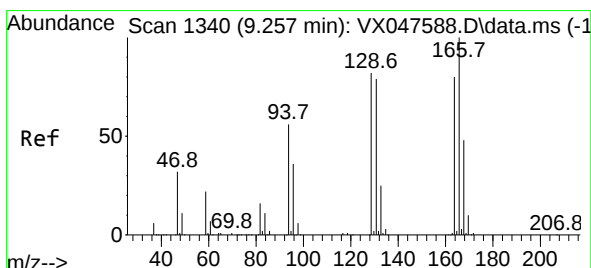
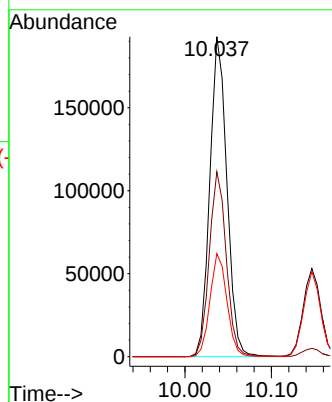
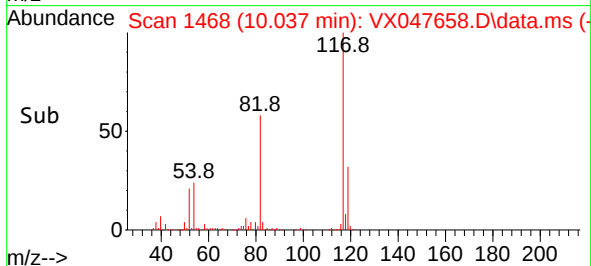
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 26415
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.6
119 32.2 25.2 37.8

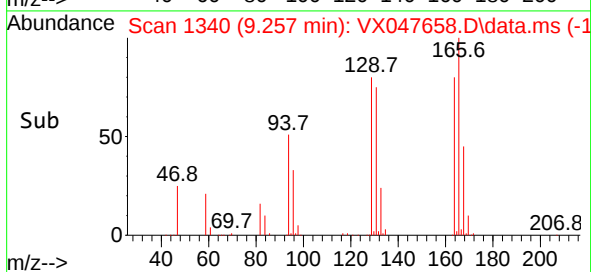
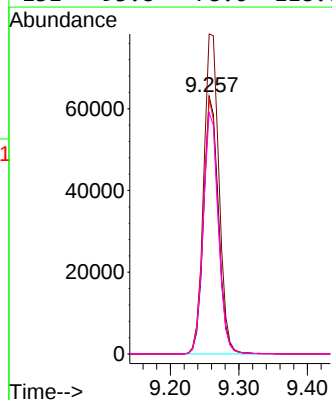
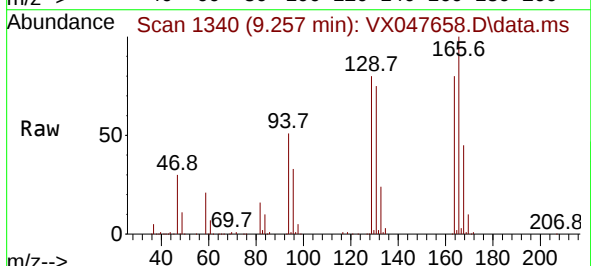
Manual Integrations
APPROVED

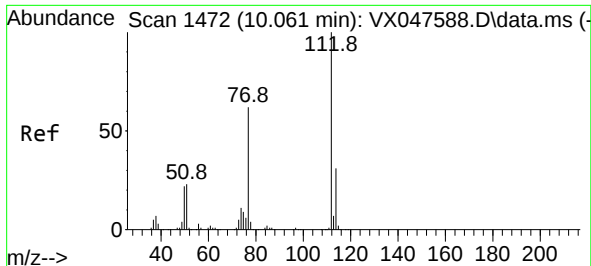
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#64
Tetrachloroethene
Concen: 54.988 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

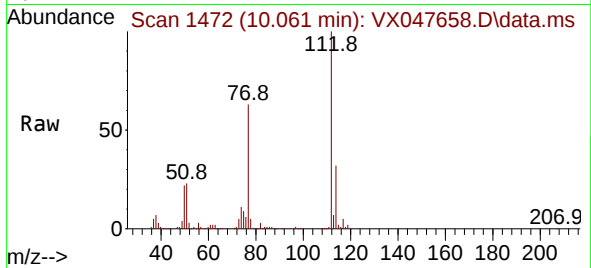
Tgt Ion:164 Resp: 94690
Ion Ratio Lower Upper
164 100
166 124.3 100.2 150.2
129 99.2 81.8 122.6
131 93.8 78.6 118.0





#65
Chlorobenzene
Concen: 53.275 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

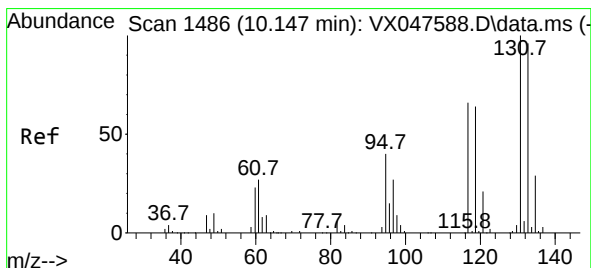
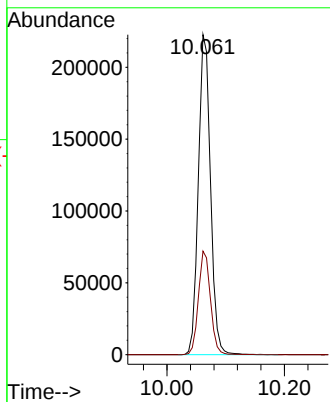
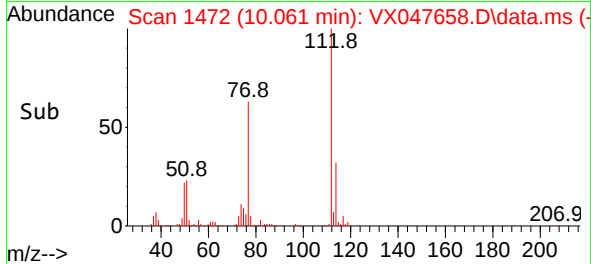
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 319704
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7

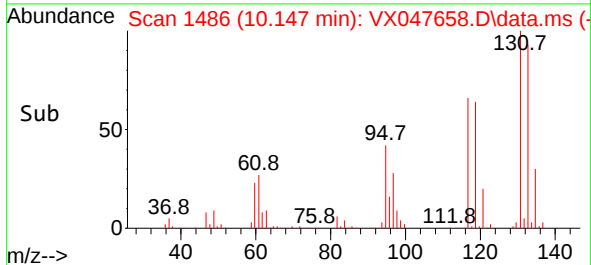
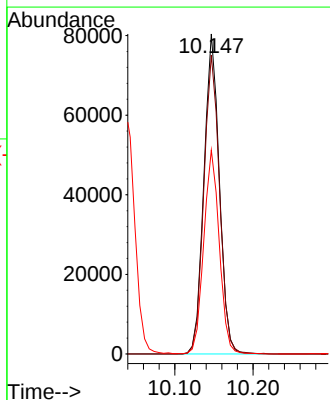
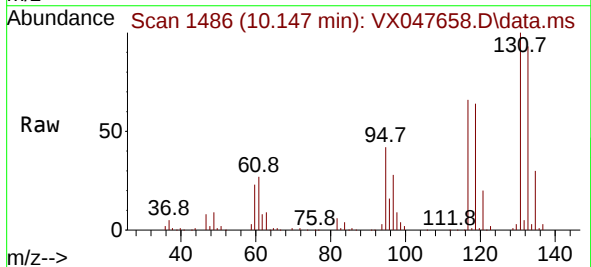
Manual Integrations
APPROVED

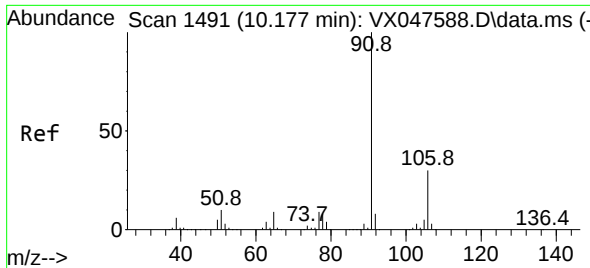
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.994 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

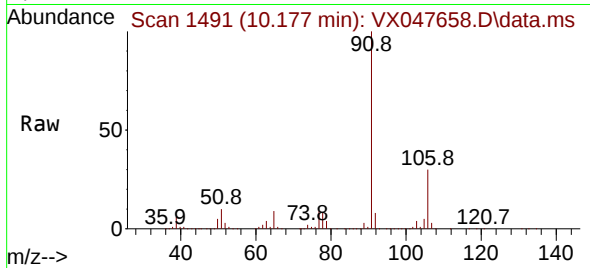
Tgt Ion:131 Resp: 109740
Ion Ratio Lower Upper
131 100
133 95.2 47.3 142.0
119 64.0 32.0 96.0





#67
Ethyl Benzene
Concen: 54.125 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

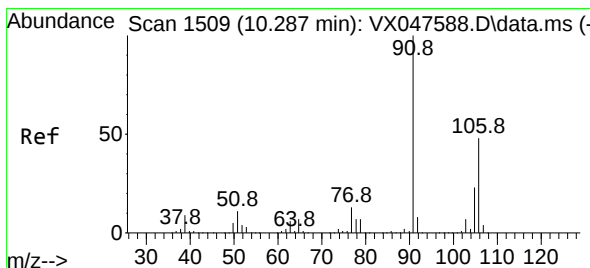
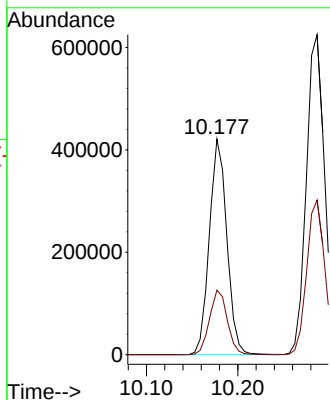
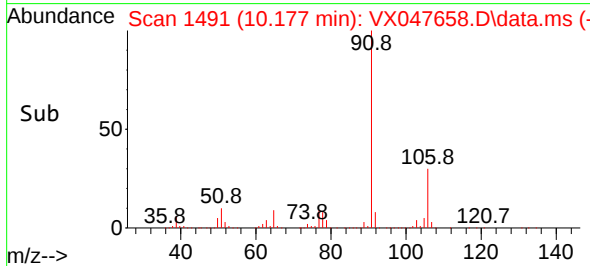
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



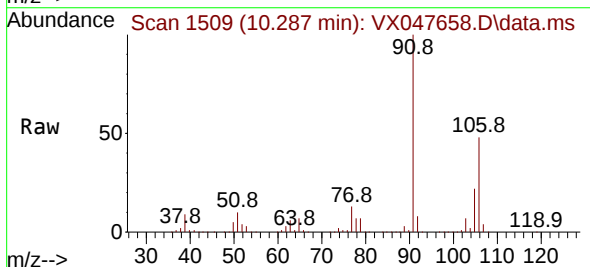
Tgt Ion: 91 Resp: 560432
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5

Manual Integrations
APPROVED

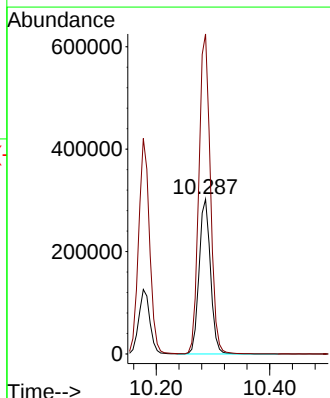
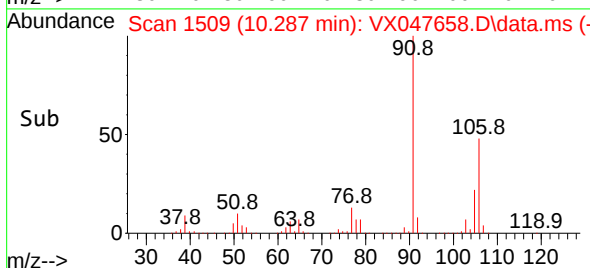
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

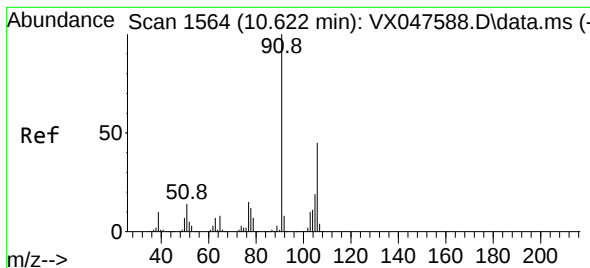


#68
m/p-Xylenes
Concen: 109.153 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16



Tgt Ion:106 Resp: 420673
Ion Ratio Lower Upper
106 100
91 209.2 167.8 251.8





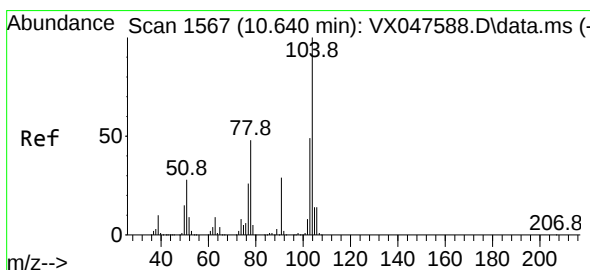
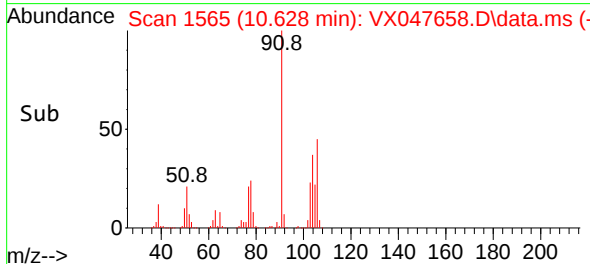
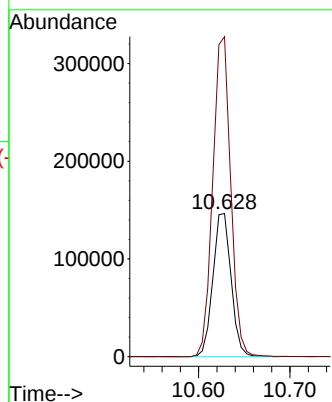
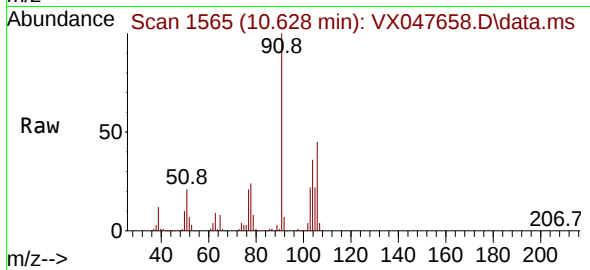
#69
o-Xylene
Concen: 54.394 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 20276
Ion Ratio Lower Upper
106 100
91 220.4 111.1 333.4

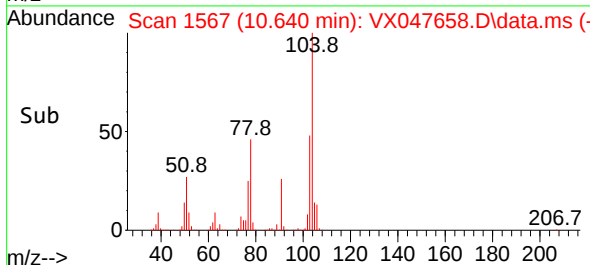
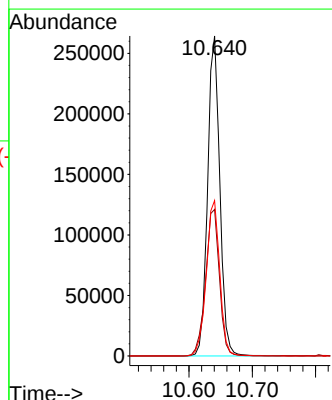
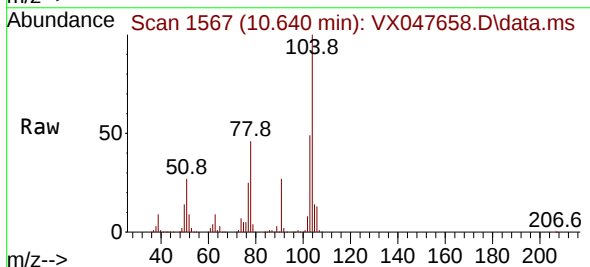
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#70
Styrene
Concen: 54.330 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

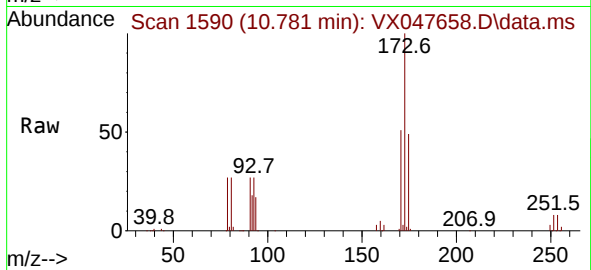
Tgt Ion:104 Resp: 354867
Ion Ratio Lower Upper
104 100
78 52.0 43.1 64.7
103 53.6 43.1 64.7





#71
Bromoform
Concen: 54.082 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

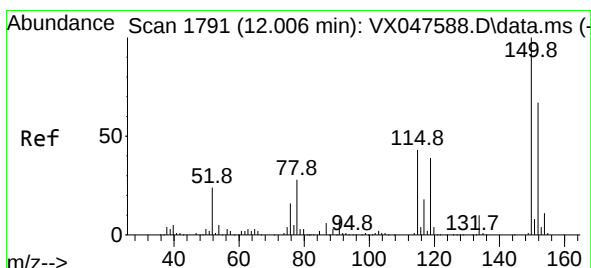
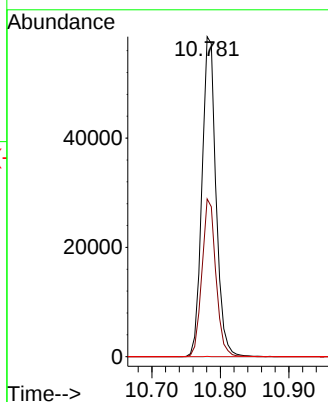
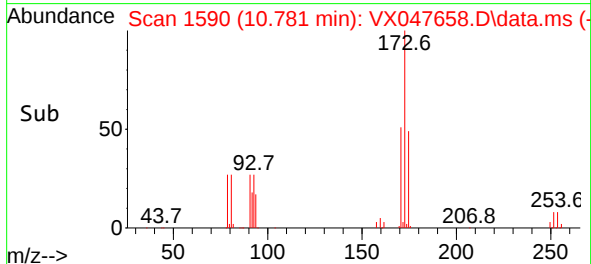
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 83629
Ion Ratio Lower Upper
173 100
175 49.0 24.9 74.6
254 0.0 0.1 0.1

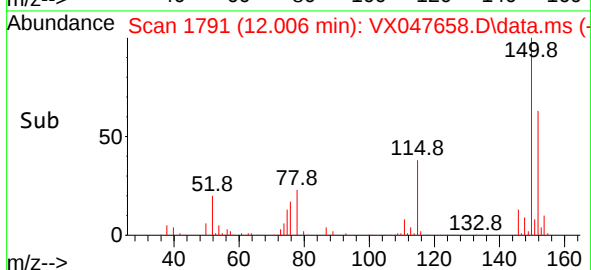
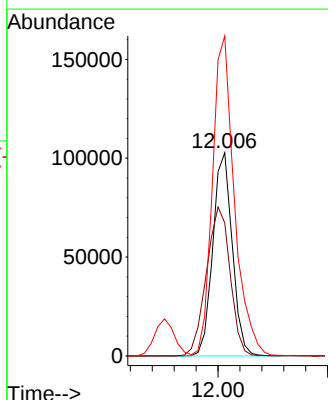
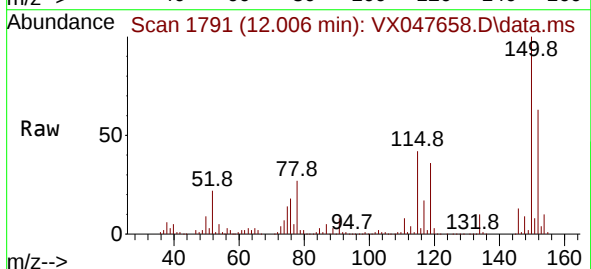
Manual Integrations
APPROVED

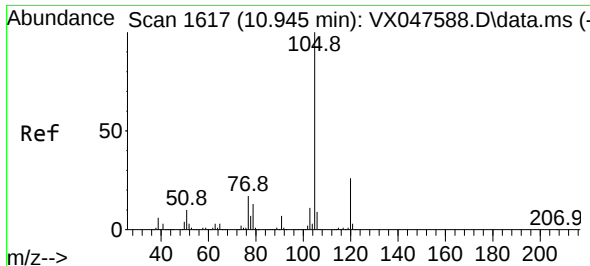
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

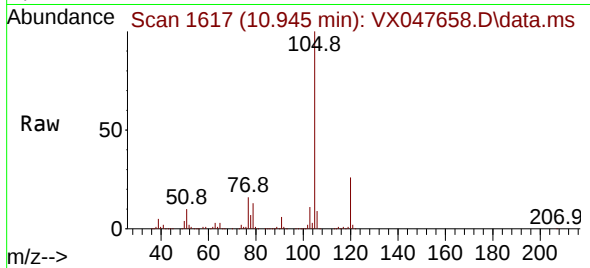
Tgt Ion:152 Resp: 126517
Ion Ratio Lower Upper
152 100
115 89.4 44.9 134.5
150 177.9 0.0 352.0





#73
Isopropylbenzene
Concen: 54.023 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

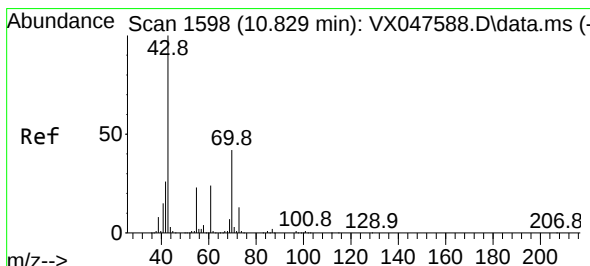
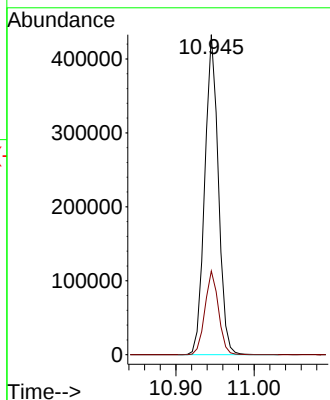
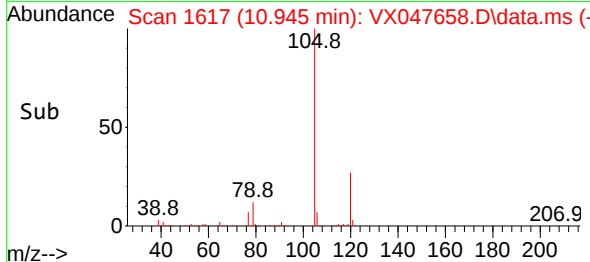
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 105 Resp: 519628
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4

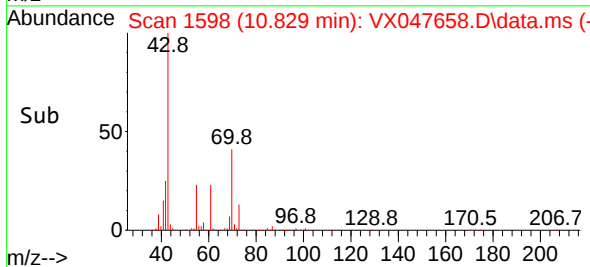
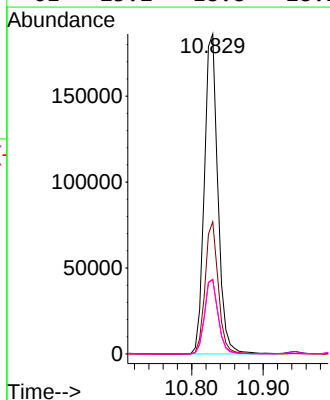
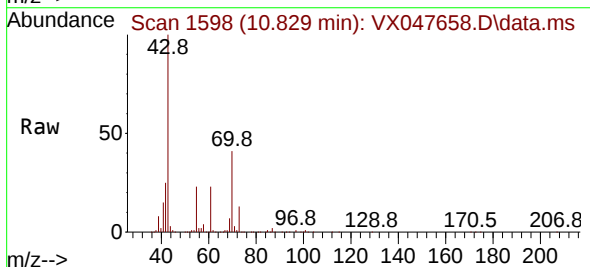
Manual Integrations
APPROVED

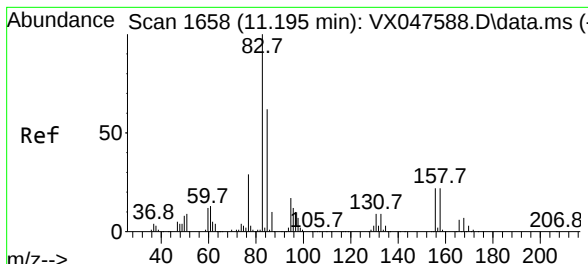
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#74
N-ethyl acetate
Concen: 55.780 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

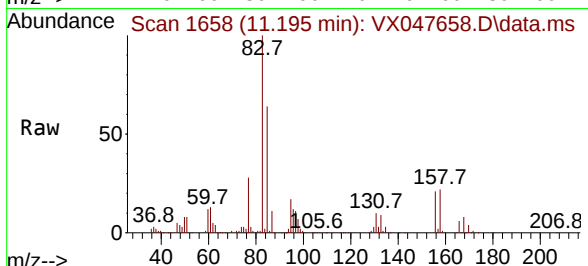
Tgt Ion: 43 Resp: 244665
Ion Ratio Lower Upper
43 100
70 40.3 32.0 48.0
55 23.7 18.9 28.3
61 23.2 18.8 28.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.167 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VX047658.D
 Acq: 18 Sep 2025 21:16

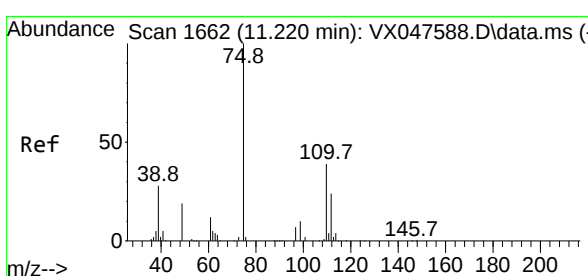
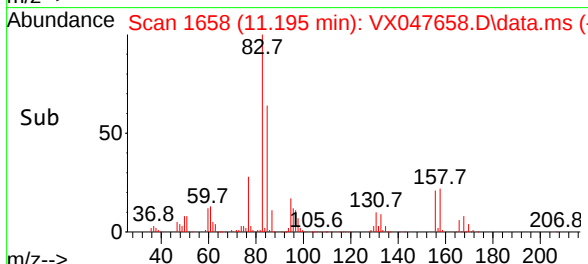
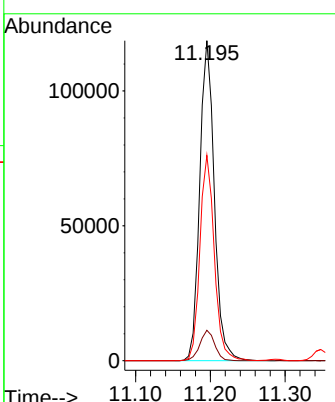
Instrument : MSVOA_X
 ClientSampleId : VSTDCCC050EC



Tgt Ion: 83 Resp: 160544

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	63.5	31.6	95.0

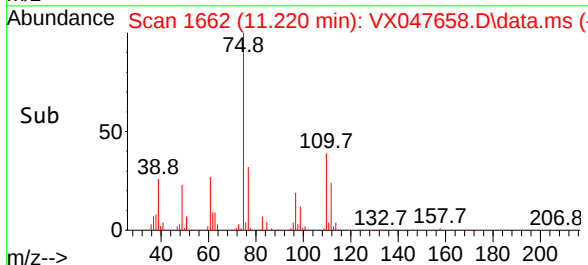
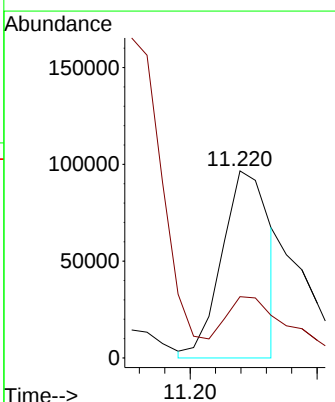
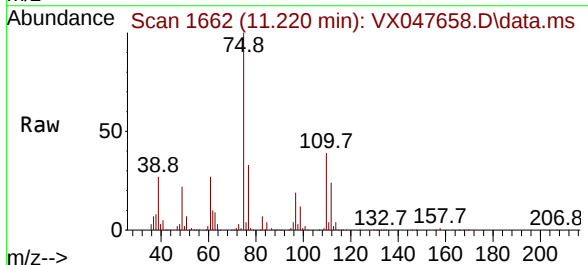
Manual Integrations
APPROVED
 Reviewed By :John Carlone 09/19/2025
 Supervised By :Mahesh Dadoda 09/19/2025

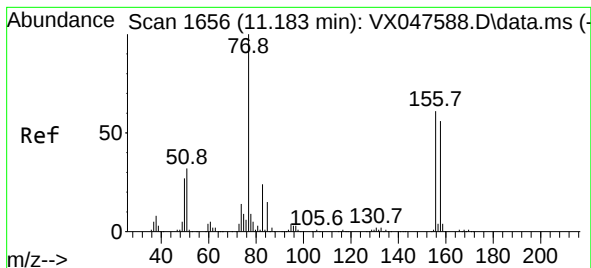


#76
 1,2,3-Trichloropropane
 Concen: 48.992 ug/l m
 RT: 11.220 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: VX047658.D
 Acq: 18 Sep 2025 21:16

Tgt Ion: 75 Resp: 125498

Ion	Ratio	Lower	Upper
75	100		
77	43.8	18.8	56.4





#77

Bromobenzene

Concen: 53.524 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 126798

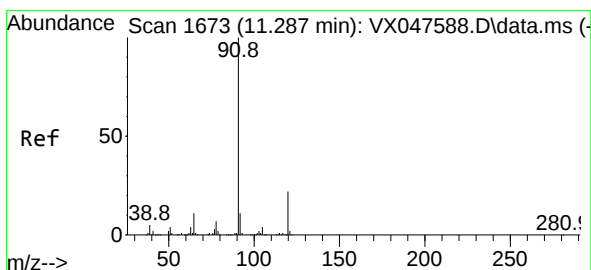
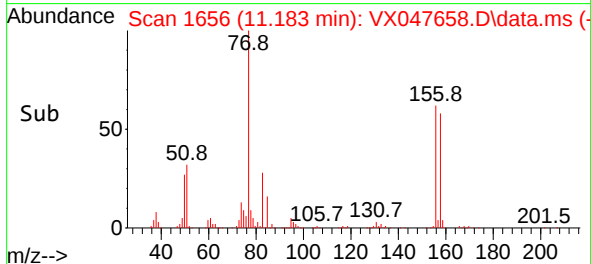
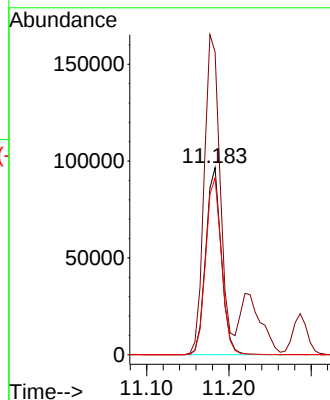
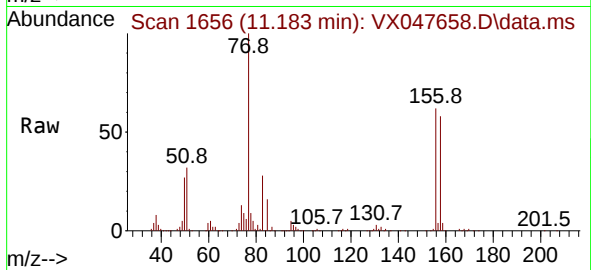
Ion	Ratio	Lower	Upper
156	100		
77	176.9	89.7	269.1
158	96.2	47.9	143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#78

n-propylbenzene

Concen: 54.021 ug/l

RT: 11.287 min Scan# 1673

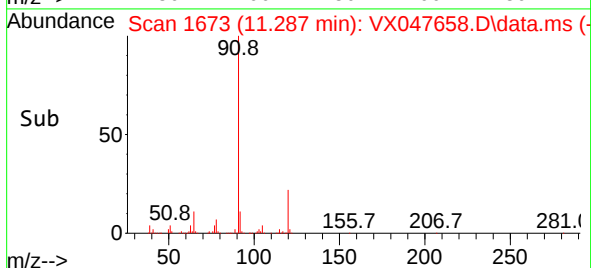
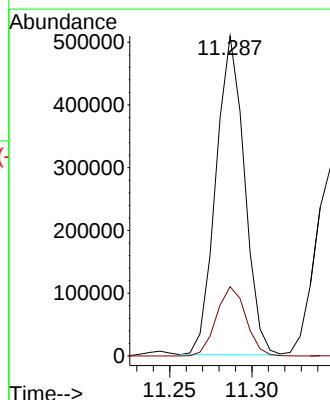
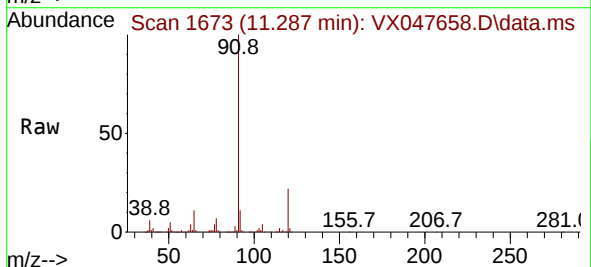
Delta R.T. 0.000 min

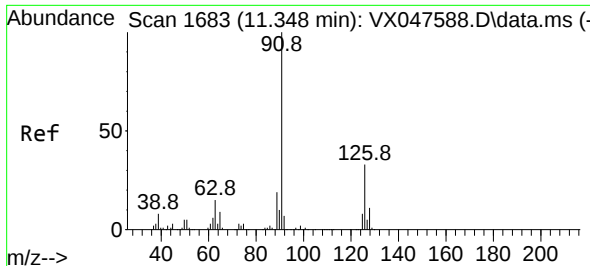
Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

Tgt Ion: 91 Resp: 614237

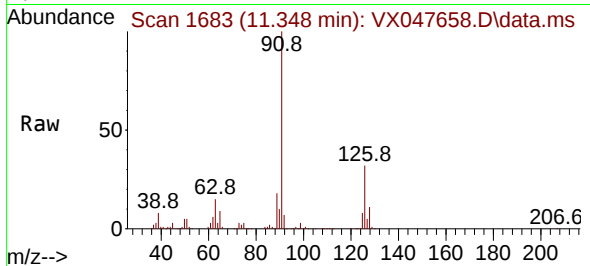
Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1





#79
2-Chlorotoluene
Concen: 53.781 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

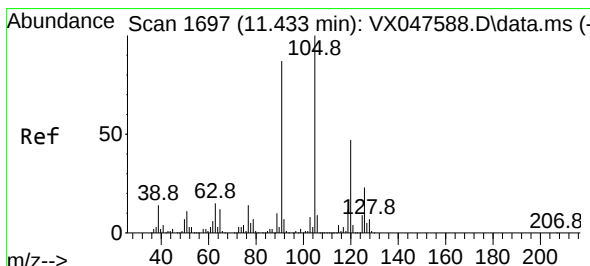
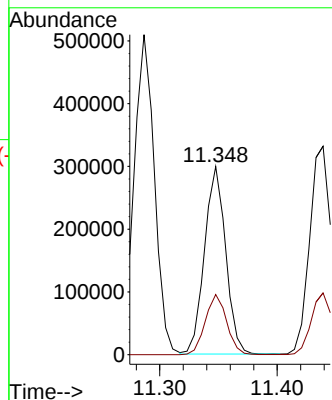
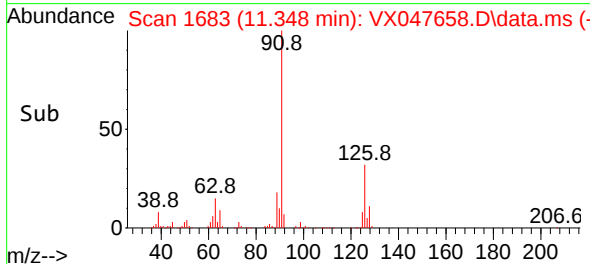
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



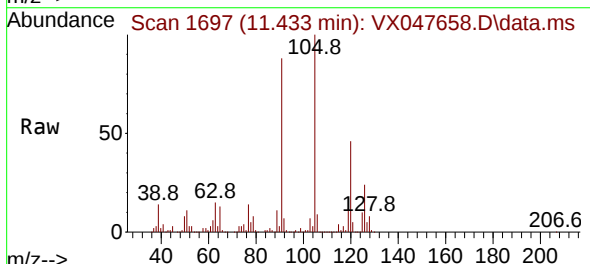
Tgt Ion: 91 Resp: 374539
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.3

Manual Integrations
APPROVED

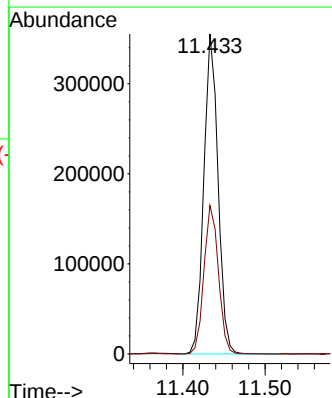
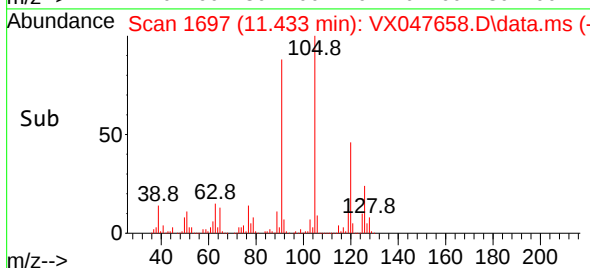
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

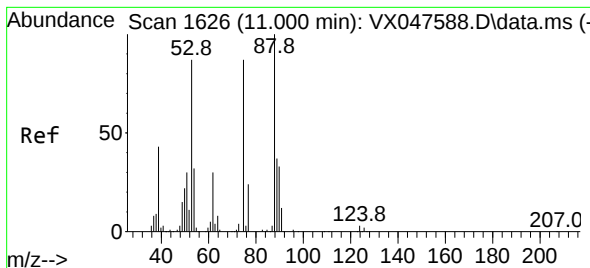


#80
1,3,5-Trimethylbenzene
Concen: 53.798 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16



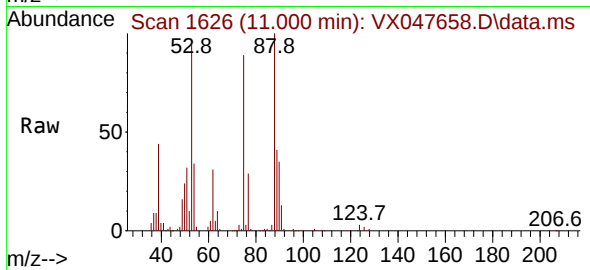
Tgt Ion:105 Resp: 425139
Ion Ratio Lower Upper
105 100
120 47.4 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.415 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

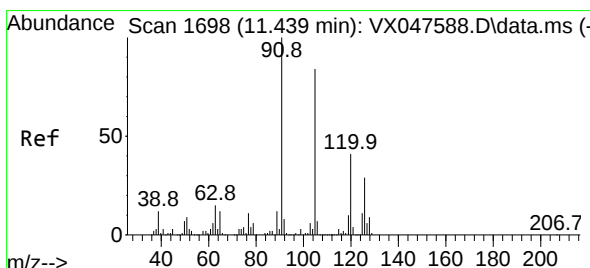
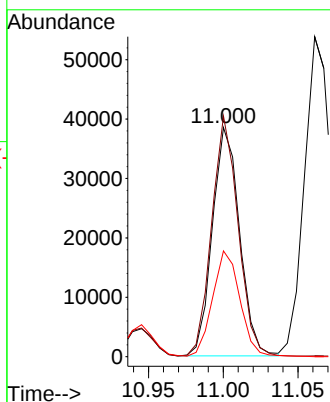
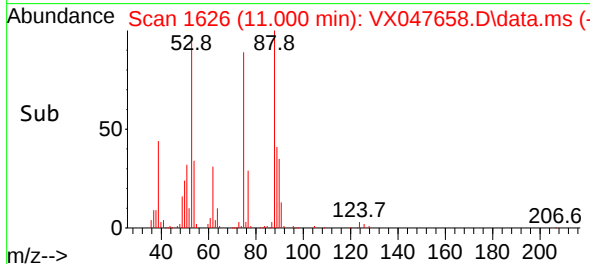
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 48632
Ion Ratio Lower Upper
75 100
53 102.1 83.4 125.2
89 46.7 36.3 54.5

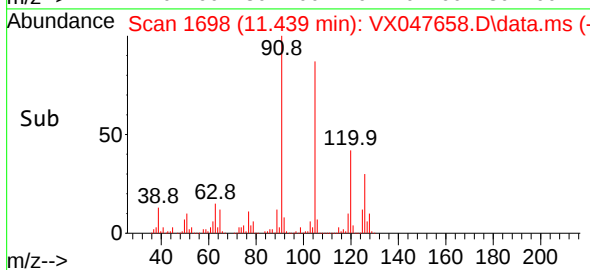
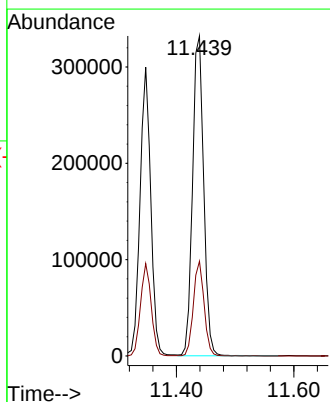
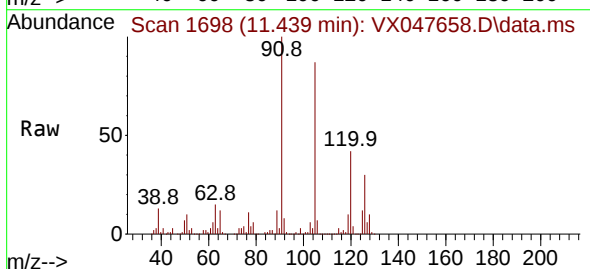
Manual Integrations
APPROVED

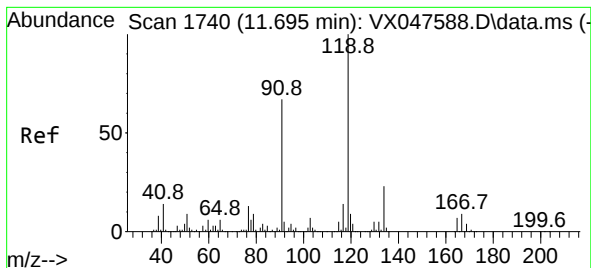
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#82
4-Chlorotoluene
Concen: 53.056 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

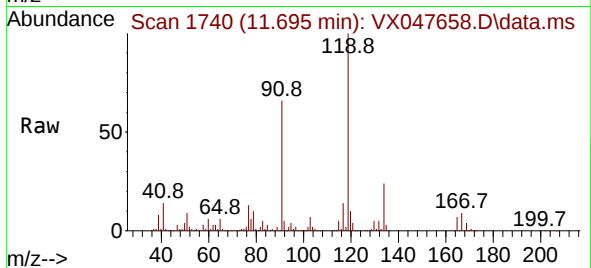
Tgt Ion: 91 Resp: 436383
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 52.265 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

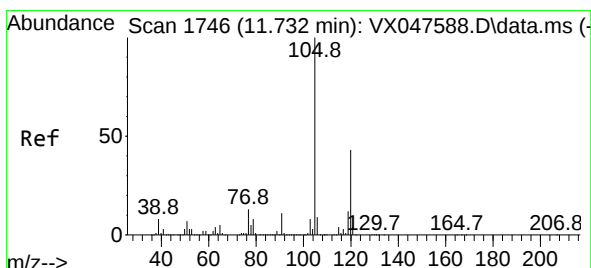
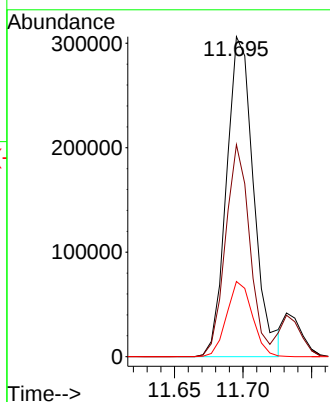
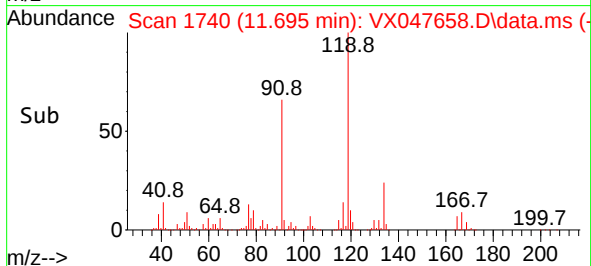
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



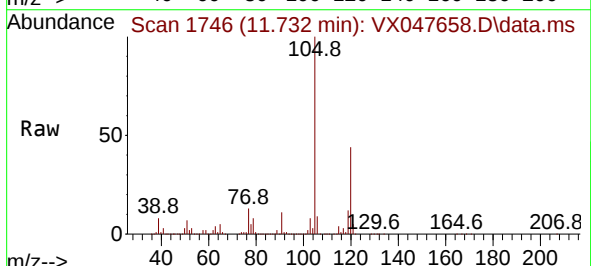
Tgt Ion:119 Resp: 422800
Ion Ratio Lower Upper
119 100
91 59.5 29.6 88.8
134 22.2 11.0 33.0

Manual Integrations
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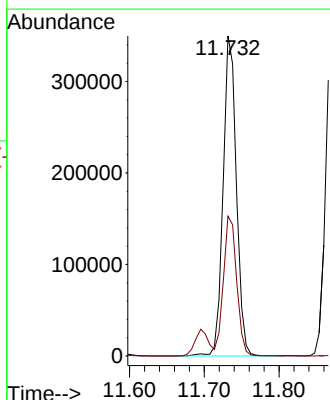
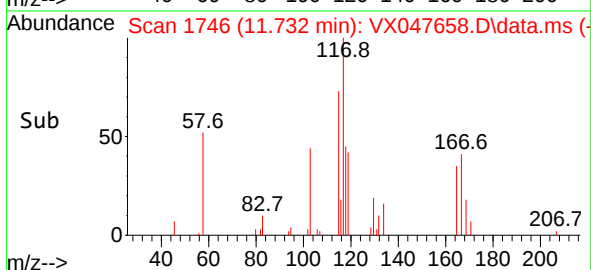
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

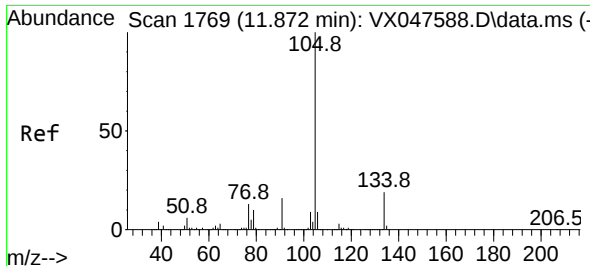


#84
1,2,4-Trimethylbenzene
Concen: 53.907 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16



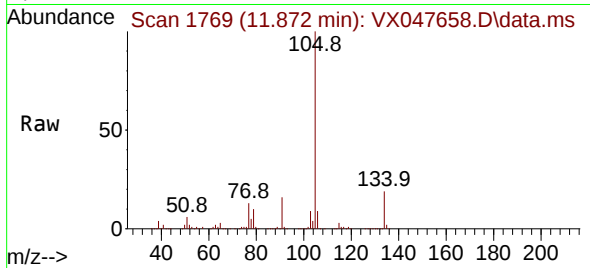
Tgt Ion:105 Resp: 431900
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 53.468 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX047658.D
 Acq: 18 Sep 2025 21:16

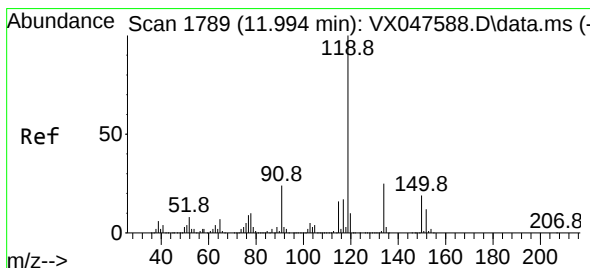
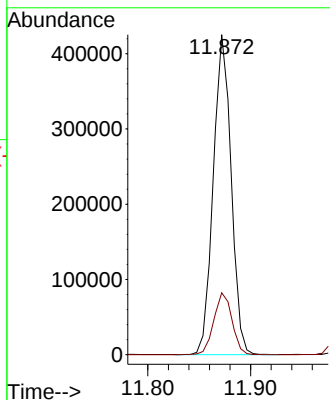
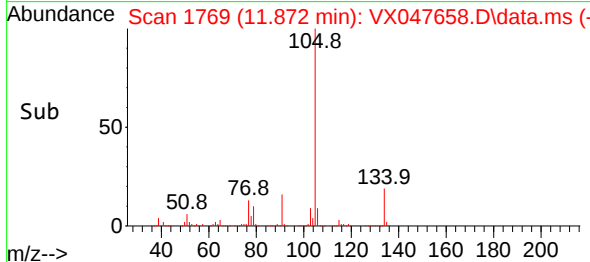
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 51377
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

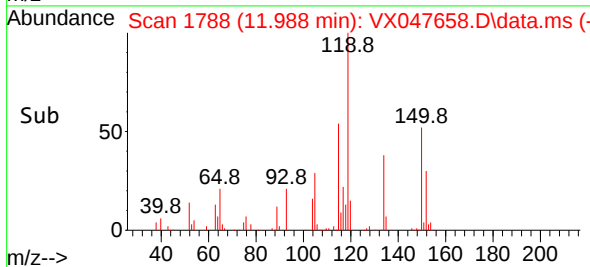
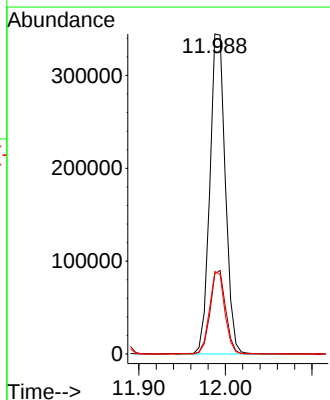
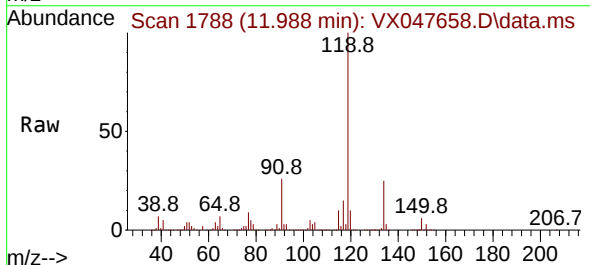
Manual Integrations
 APPROVED

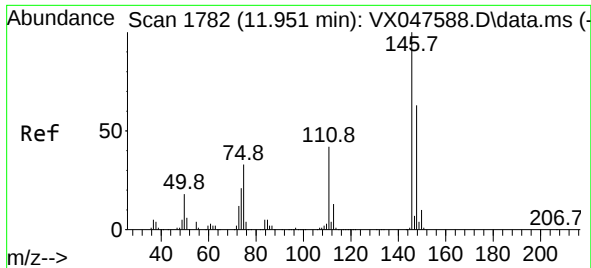
Reviewed By :John Carlone 09/19/2025
 Supervised By :Mahesh Dadoda 09/19/2025



#86
 p-Isopropyltoluene
 Concen: 52.682 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX047658.D
 Acq: 18 Sep 2025 21:16

Tgt Ion:119 Resp: 428563
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.4 12.6 37.6





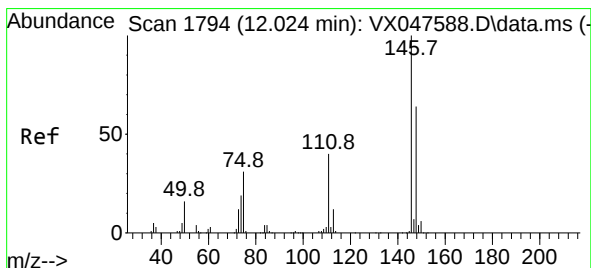
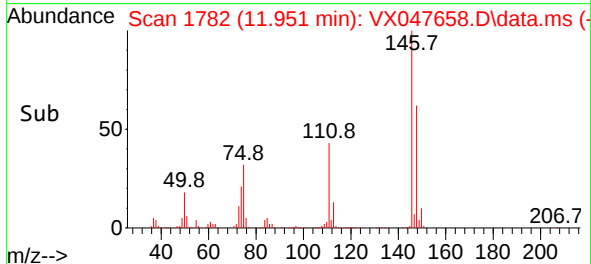
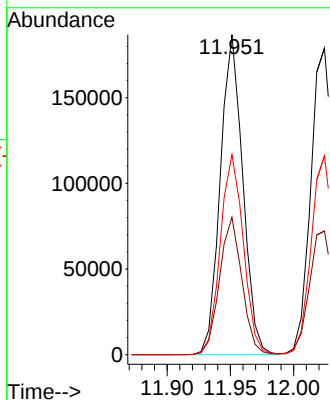
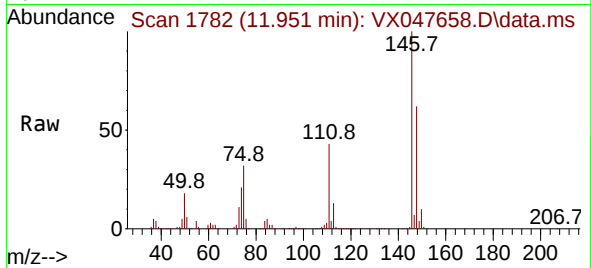
#87
1,3-Dichlorobenzene
Concen: 52.441 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 230750
Ion Ratio Lower Upper
146 100
111 42.9 21.5 64.5
148 64.1 32.0 96.0

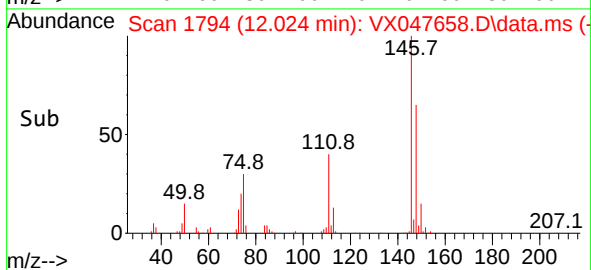
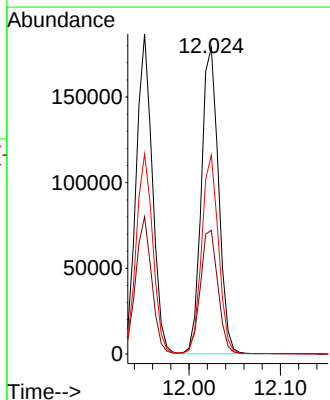
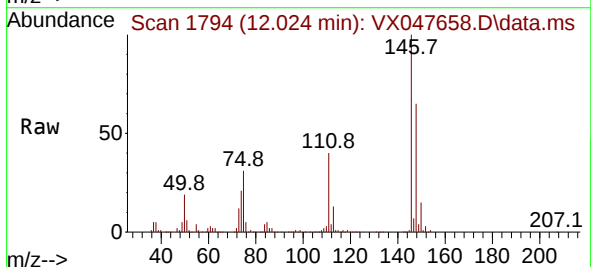
Manual Integrations
APPROVED

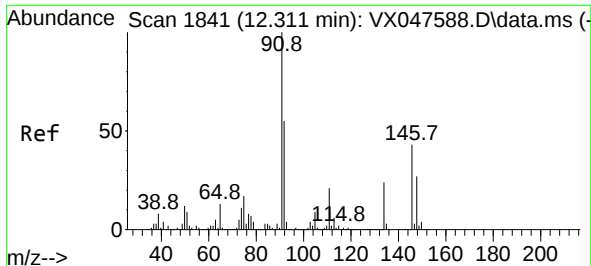
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#88
1,4-Dichlorobenzene
Concen: 51.751 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

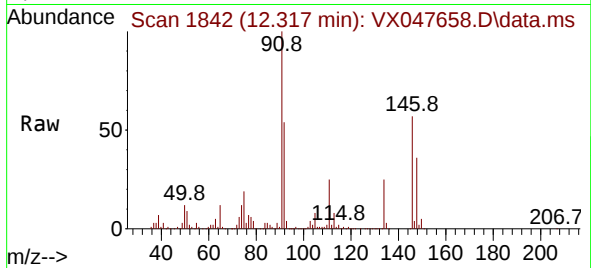
Tgt Ion:146 Resp: 233716
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.4
148 64.0 31.7 95.1





#89
n-Butylbenzene
Concen: 52.828 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

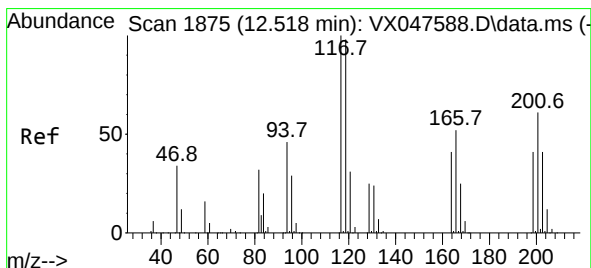
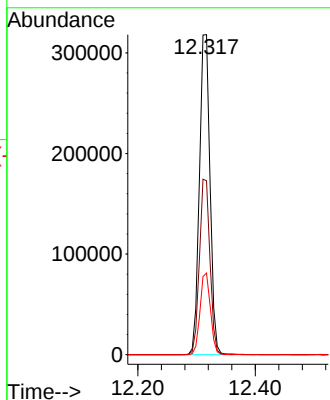
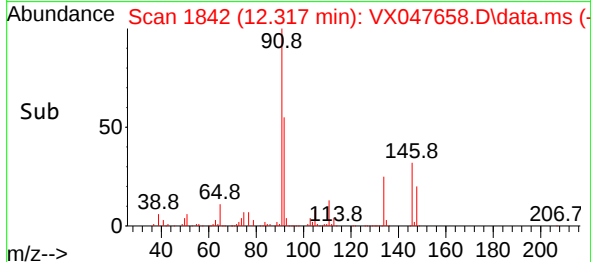
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 39764
Ion Ratio Lower Upper
91 100
92 54.5 27.6 82.7
134 24.9 12.6 37.8

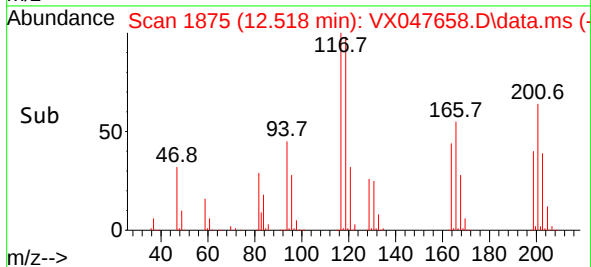
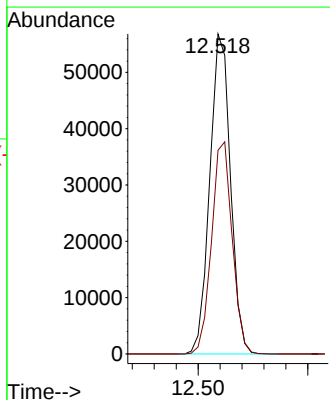
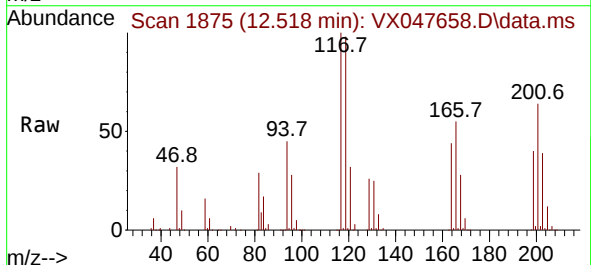
Manual Integrations
APPROVED

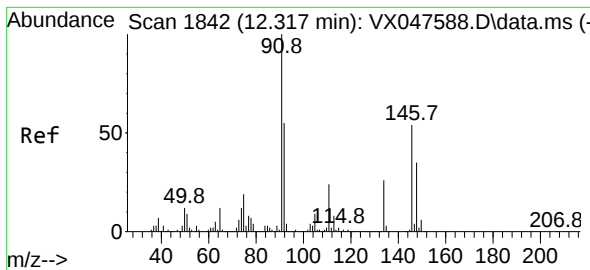
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#90
Hexachloroethane
Concen: 52.063 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

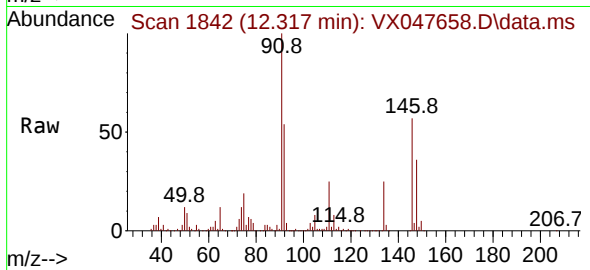
Tgt Ion:117 Resp: 74358
Ion Ratio Lower Upper
117 100
201 66.3 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 53.721 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

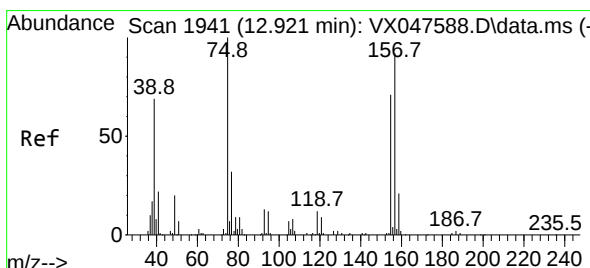
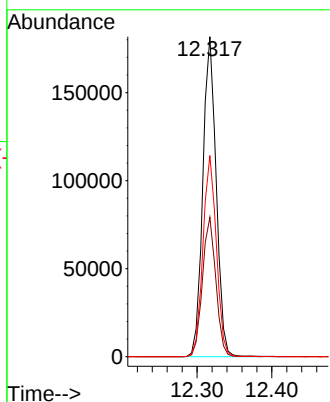
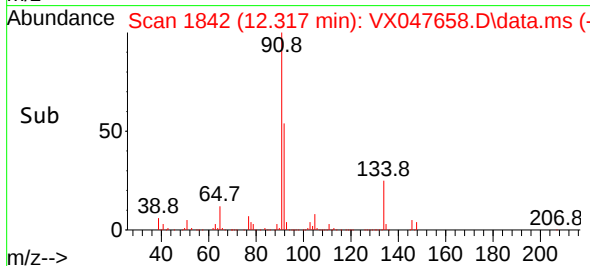
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 225209
Ion Ratio Lower Upper
146 100
111 43.8 22.2 66.6
148 63.2 31.8 95.4

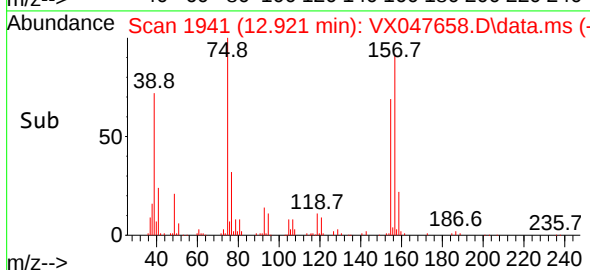
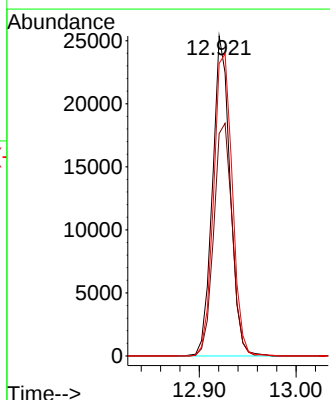
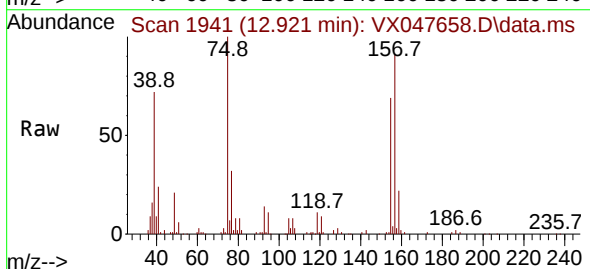
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.344 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

Tgt Ion: 75 Resp: 32019
Ion Ratio Lower Upper
75 100
155 76.3 37.7 113.1
157 100.3 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 52.038 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

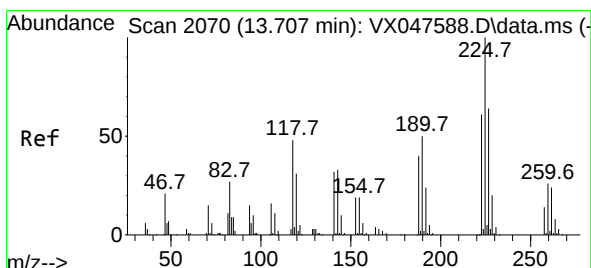
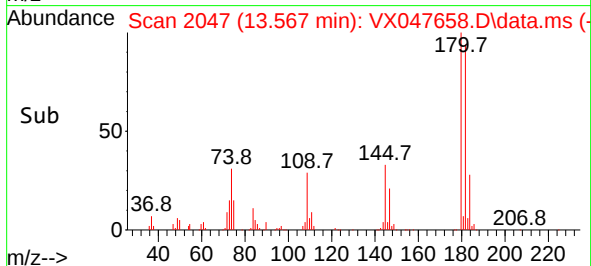
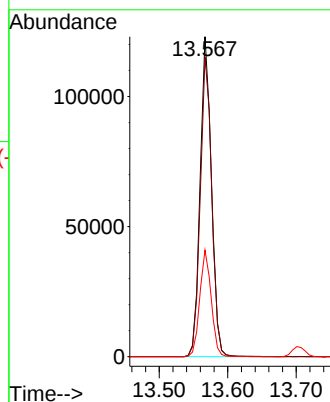
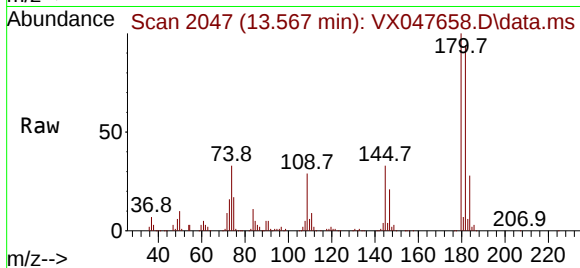
Tgt Ion:180	Resp: 141778
Ion Ratio	Lower Upper
180	100
182	94.7 46.6 139.8
145	33.5 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#94

Hexachlorobutadiene

Concen: 49.486 ug/l

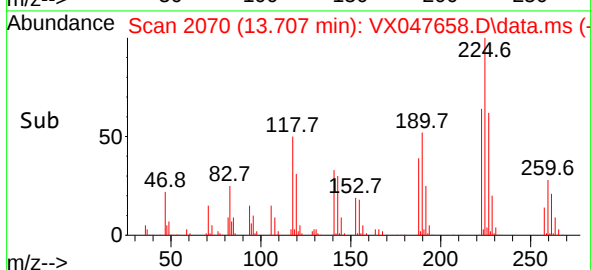
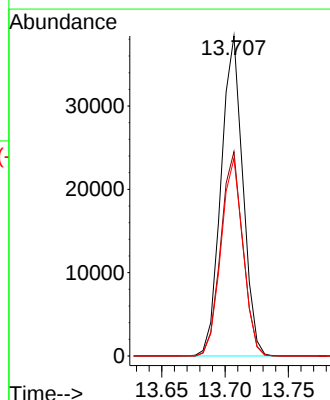
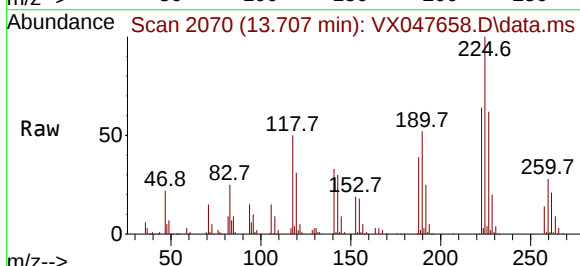
RT: 13.707 min Scan# 2070

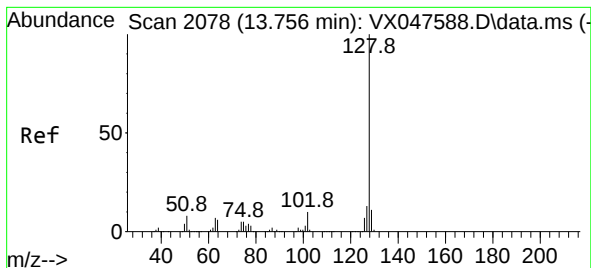
Delta R.T. 0.000 min

Lab File: VX047658.D

Acq: 18 Sep 2025 21:16

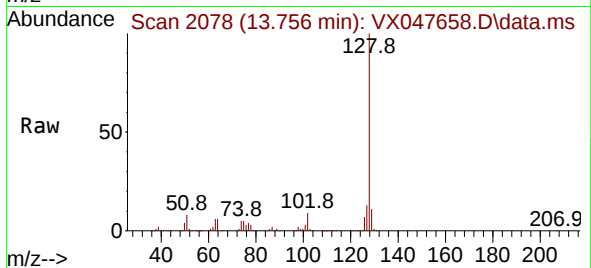
Tgt Ion:225	Resp: 45796
Ion Ratio	Lower Upper
225	100
223	64.5 31.7 95.1
227	62.6 32.0 96.0





#95
Naphthalene
Concen: 53.776 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16

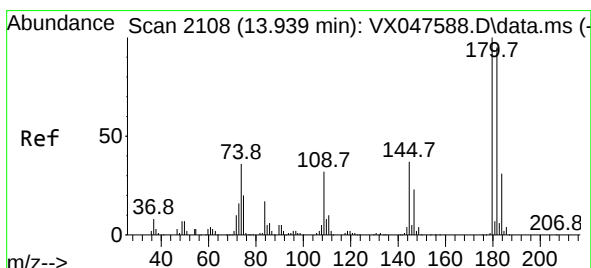
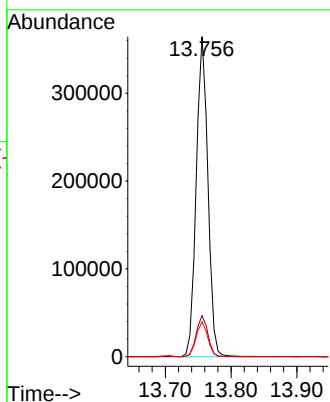
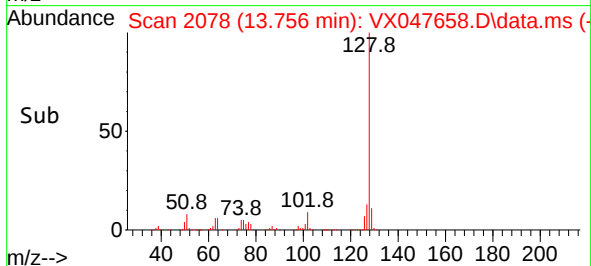
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



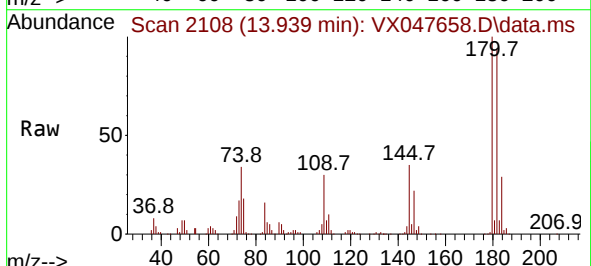
Tgt Ion:128 Resp: 446144
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.735 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX047658.D
Acq: 18 Sep 2025 21:16



Tgt Ion:180 Resp: 133651
Ion Ratio Lower Upper
180 100
182 95.7 47.6 142.8
145 34.9 17.9 53.7

