

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048227.D
 Acq On : 20 Oct 2025 10:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 20 12:13:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 18 00:06:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.532	168	120877	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	195788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	177093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	87009	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	85103	45.446	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.900%
35) Dibromofluoromethane	5.361	113	67269	49.505	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.020%
50) Toluene-d8	8.629	98	232192	47.432	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.860%
62) 4-Bromofluorobenzene	11.061	95	87378	49.007	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	63884	50.355	ug/l	99
3) Chloromethane	1.301	50	59025	38.404	ug/l	98
4) Vinyl Chloride	1.380	62	54191	33.461	ug/l	95
5) Bromomethane	1.612	94	41802	39.427	ug/l	98
6) Chloroethane	1.691	64	33768	32.764	ug/l	100
7) Trichlorofluoromethane	1.892	101	104226	41.001	ug/l	99
8) Diethyl Ether	2.136	74	30097	34.710	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	64046	44.710	ug/l	96
10) Methyl Iodide	2.453	142	79452	46.306	ug/l	97
11) Tert butyl alcohol	2.941	59	37912	305.120	ug/l	100
12) 1,1-Dichloroethene	2.319	96	63653	45.444	ug/l	99
13) Acrolein	2.233	56	59326	227.189	ug/l	99
14) Allyl chloride	2.660	41	108246	42.962	ug/l	96
15) Acrylonitrile	3.050	53	155168	260.614	ug/l	99
16) Acetone	2.374	43	144292	225.876	ug/l	100
17) Carbon Disulfide	2.514	76	185873	43.130	ug/l	98
18) Methyl Acetate	2.697	43	61074	46.940	ug/l	94
19) Methyl tert-butyl Ether	3.105	73	221777	52.564	ug/l	98
20) Methylene Chloride	2.788	84	73662	47.335	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	69703	48.102	ug/l	91
22) Diisopropyl ether	3.745	45	220680	44.730	ug/l	89
23) Vinyl Acetate	3.709	43	891427	241.644	ug/l	96
24) 1,1-Dichloroethane	3.599	63	125656	44.894	ug/l	100
25) 2-Butanone	4.532	43	183671	246.790	ug/l	98
26) 2,2-Dichloropropane	4.459	77	116841	48.839	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	81341	47.117	ug/l	96
28) Bromochloromethane	4.879	49	53620	41.560	ug/l	86
29) Tetrahydrofuran	4.977	42	108162	247.476	ug/l	92
30) Chloroform	5.074	83	135712	46.054	ug/l	99
31) Cyclohexane	5.452	56	102927	44.942	ug/l	92
32) 1,1,1-Trichloroethane	5.367	97	122889	50.755	ug/l	98
36) 1,1-Dichloropropene	5.672	75	90485	47.271	ug/l	98
37) Ethyl Acetate	4.690	43	75343	49.298	ug/l	97
38) Carbon Tetrachloride	5.660	117	111631	50.808	ug/l	97
39) Methylcyclohexane	7.361	83	104794	48.555	ug/l	93
40) Benzene	6.019	78	275072	48.395	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.898	41	41493	50.645	ug/l	93
42) 1,2-Dichloroethane	6.062	62	103737	50.941	ug/l	100
43) Isopropyl Acetate	6.318	43	132964	51.778	ug/l	97
44) Trichloroethene	7.105	130	71719	50.066	ug/l	95
45) 1,2-Dichloropropane	7.409	63	67236	46.740	ug/l	99
46) Dibromomethane	7.562	93	50849	49.128	ug/l	93
47) Bromodichloromethane	7.800	83	111257	49.735	ug/l	100
48) Methyl methacrylate	7.672	41	66797	50.814	ug/l	93
49) 1,4-Dioxane	7.635	88	17642	1490.912	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	373875	261.640	ug/l	96
52) Toluene	8.702	92	174919	51.202	ug/l	98
53) t-1,3-Dichloropropene	8.958	75	112052	53.468	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	117056	51.245	ug/l	96
55) 1,1,2-Trichloroethane	9.135	97	65823	51.639	ug/l	98
56) Ethyl methacrylate	9.098	69	99361	57.312	ug/l	91
57) 1,3-Dichloropropane	9.287	76	111795	50.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	265380	248.547	ug/l	95
59) 2-Hexanone	9.409	43	271003	271.133	ug/l	95
60) Dibromochloromethane	9.500	129	85868	53.819	ug/l	99
61) 1,2-Dibromoethane	9.592	107	69132	52.893	ug/l	99
64) Tetrachloroethene	9.257	164	60762	48.934	ug/l	98
65) Chlorobenzene	10.061	112	195034	50.369	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	71579	51.298	ug/l	99
67) Ethyl Benzene	10.177	91	332364	50.067	ug/l	100
68) m/p-Xylenes	10.281	106	249933	101.062	ug/l	100
69) o-Xylene	10.622	106	120242	51.649	ug/l	99
70) Styrene	10.634	104	210241	52.465	ug/l	99
71) Bromoform	10.781	173	57967	56.572	ug/l #	98
73) Isopropylbenzene	10.945	105	310681	51.337	ug/l	99
74) N-amyl acetate	10.823	43	115975	51.370	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.195	83	86353	50.368	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	99717	53.601	ug/l	93
77) Bromobenzene	11.177	156	79666	52.605	ug/l	90
78) n-propylbenzene	11.287	91	368352	50.192	ug/l	98
79) 2-Chlorotoluene	11.348	91	221106	49.868	ug/l	98
80) 1,3,5-Trimethylbenzene	11.433	105	260249	52.390	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	30037	55.356	ug/l	95
82) 4-Chlorotoluene	11.433	91	261622	50.210	ug/l	98
83) tert-Butylbenzene	11.695	119	264487	52.702	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	262740	53.117	ug/l	99
85) sec-Butylbenzene	11.872	105	315008	51.343	ug/l	99
86) p-Isopropyltoluene	11.988	119	271611	52.521	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	144077	50.872	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	147678	50.300	ug/l	99
89) n-Butylbenzene	12.311	91	241212	50.077	ug/l	98
90) Hexachloroethane	12.518	117	52489	48.087	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	135946	50.805	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	17783	56.765	ug/l	92
93) 1,2,4-Trichlorobenzene	13.567	180	88025	55.724	ug/l	99
94) Hexachlorobutadiene	13.707	225	34744	57.030	ug/l	99
95) Naphthalene	13.756	128	253503	60.880	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	82518	56.618	ug/l	99

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ClientSampleId :
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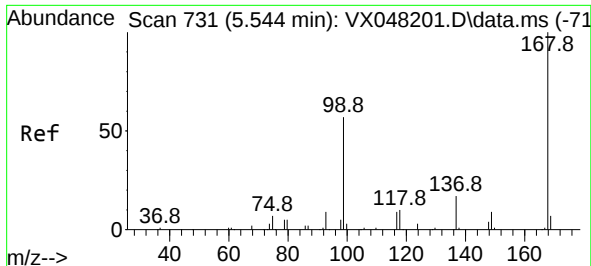
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QLast Update : Sat Oct 18 00:06:31 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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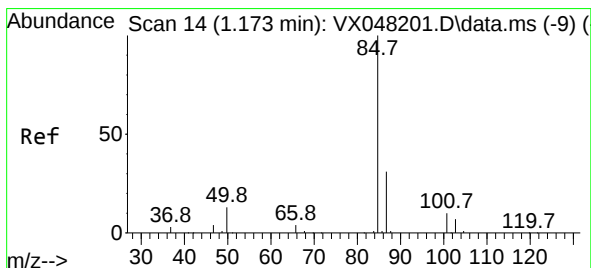
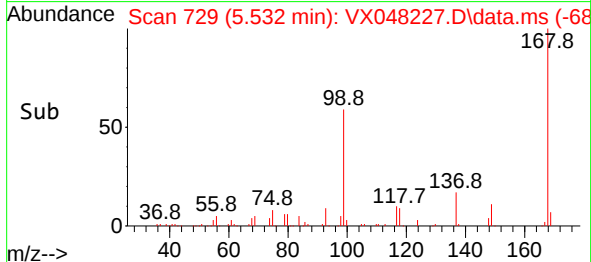
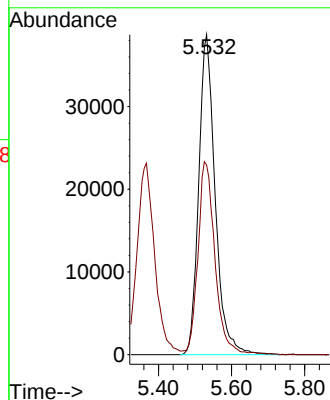
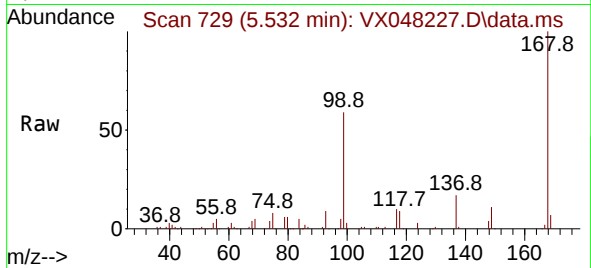




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX048227.D
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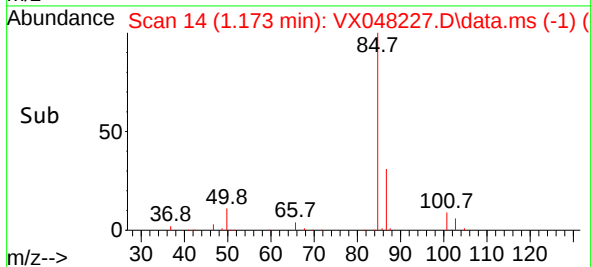
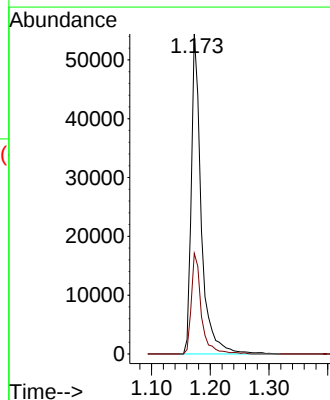
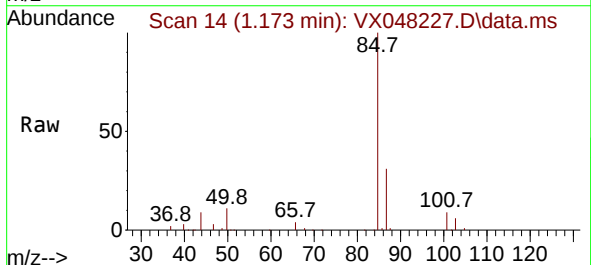
Instrument :
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ClientSampleId :
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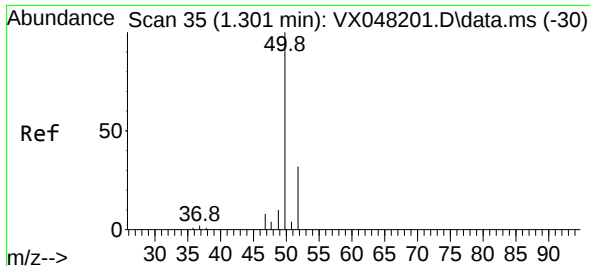
Tgt Ion:168 Resp: 120877
Ion Ratio Lower Upper
168 100
99 59.3 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 50.355 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 85 Resp: 63884
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.3

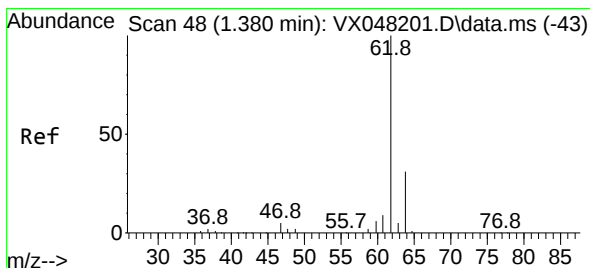
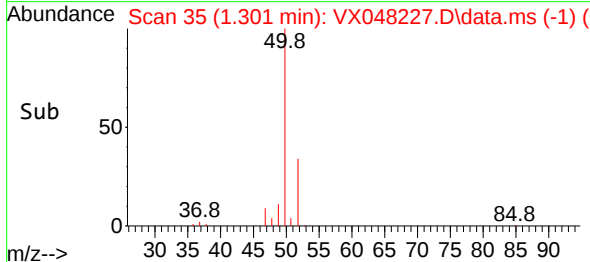
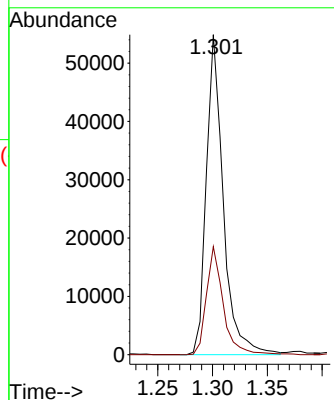
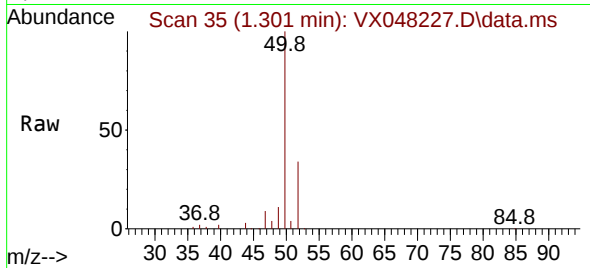




#3
Chloromethane
Concen: 38.404 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

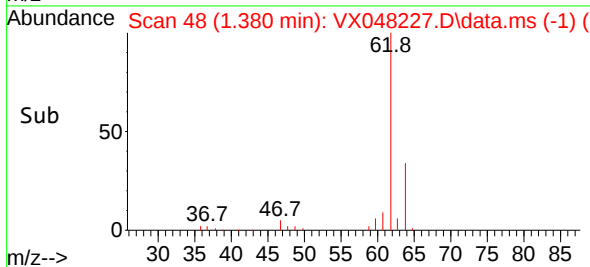
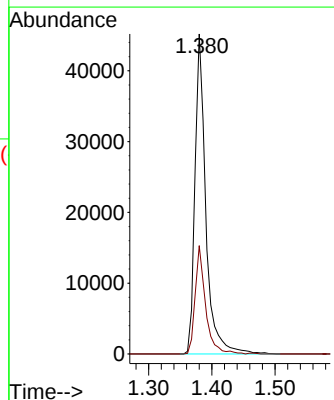
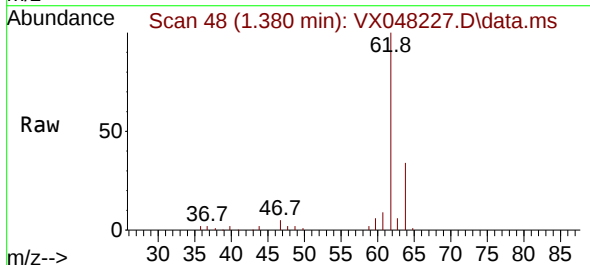
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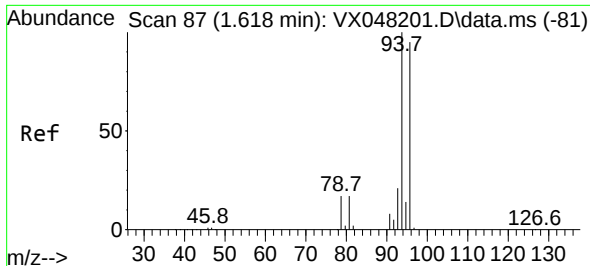
Tgt Ion: 50 Resp: 59025
Ion Ratio Lower Upper
50 100
52 33.8 26.1 39.1



#4
Vinyl Chloride
Concen: 33.461 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 62 Resp: 54191
Ion Ratio Lower Upper
62 100
64 33.8 24.9 37.3

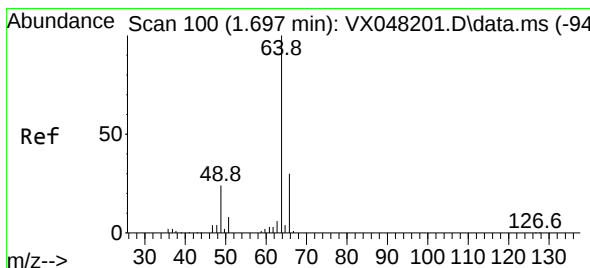
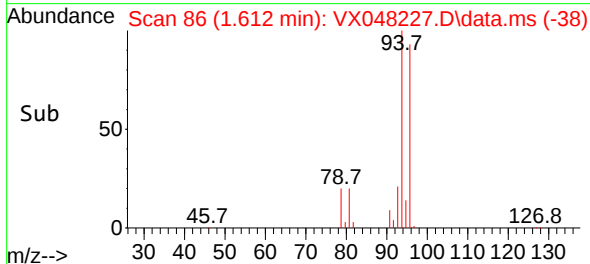
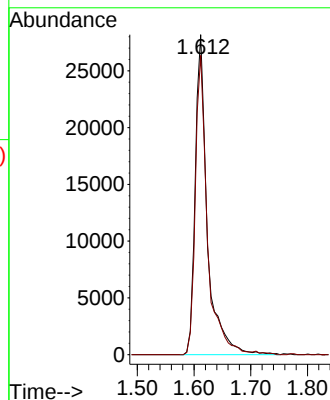
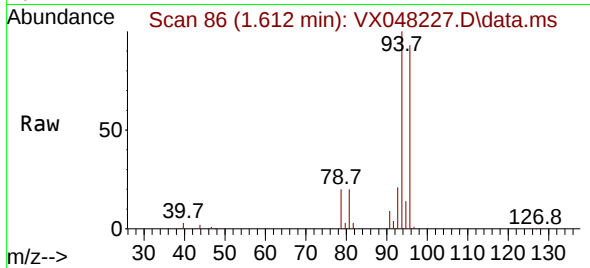




#5
Bromomethane
Concen: 39.427 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

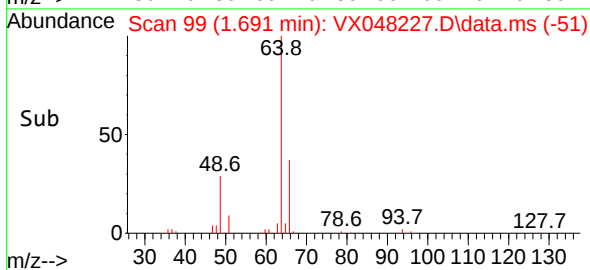
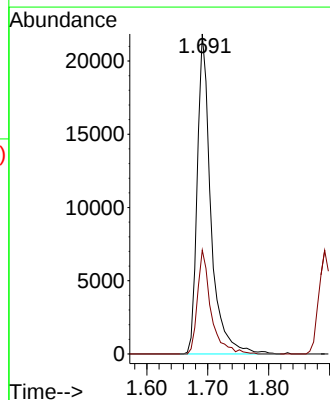
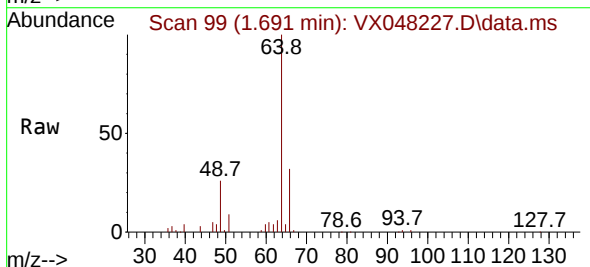
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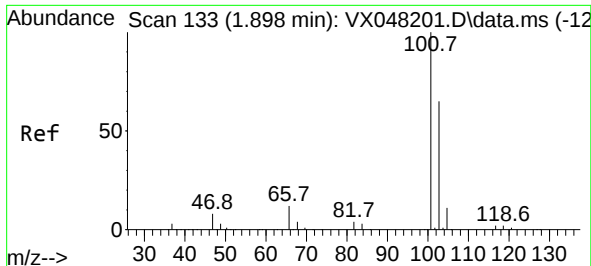
Tgt Ion: 94 Resp: 41802
Ion Ratio Lower Upper
94 100
96 93.5 76.6 115.0



#6
Chloroethane
Concen: 32.764 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 64 Resp: 33768
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1

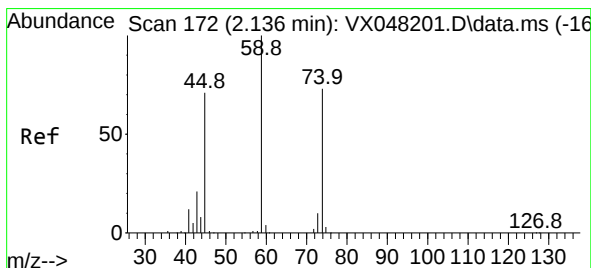
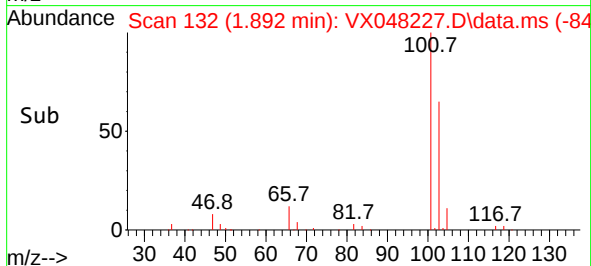
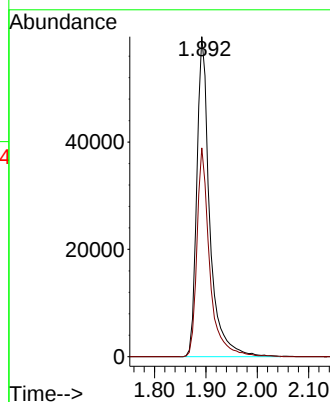
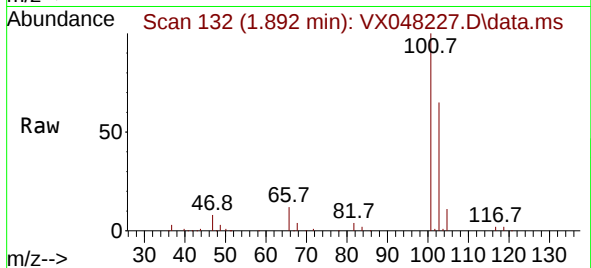




#7
Trichlorofluoromethane
Concen: 41.001 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

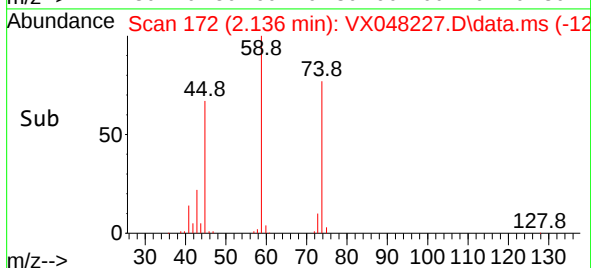
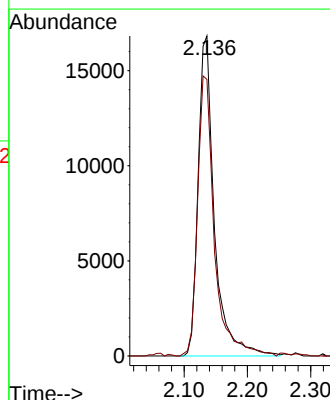
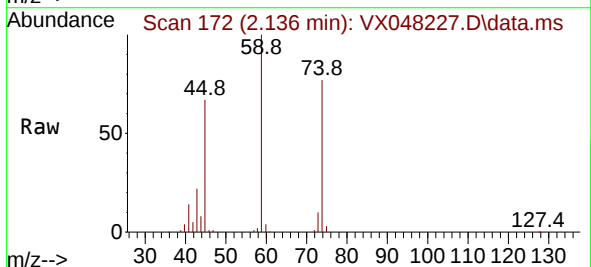
Instrument :
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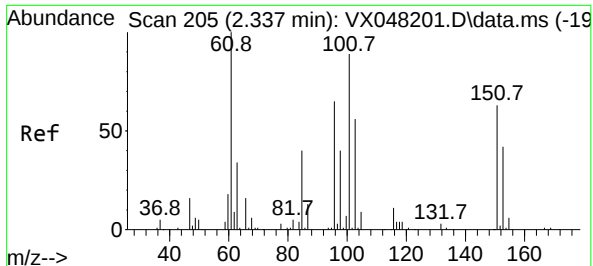
Tgt Ion:101 Resp: 104226
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2



#8
Diethyl Ether
Concen: 34.710 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 74 Resp: 30097
Ion Ratio Lower Upper
74 100
45 90.6 52.3 156.8

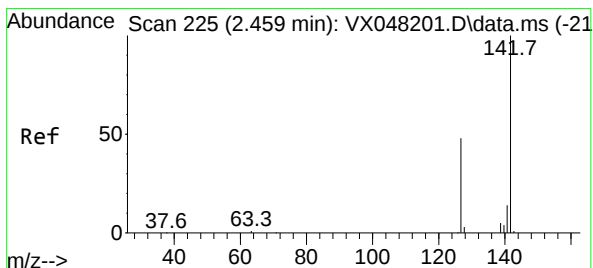
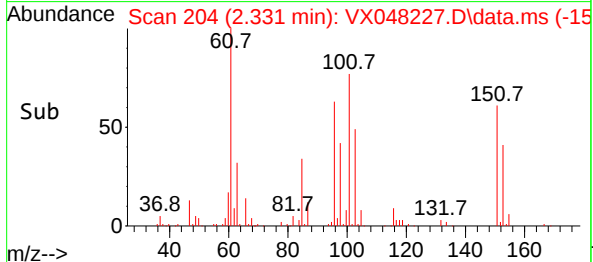
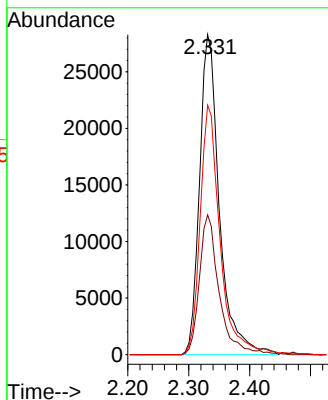
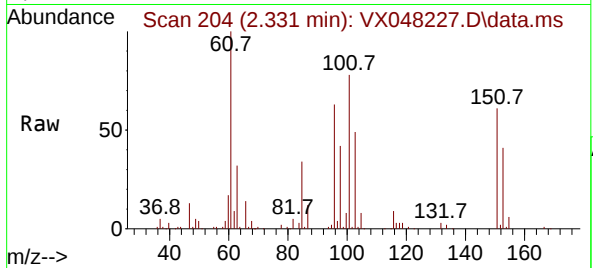




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.710 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048227.D
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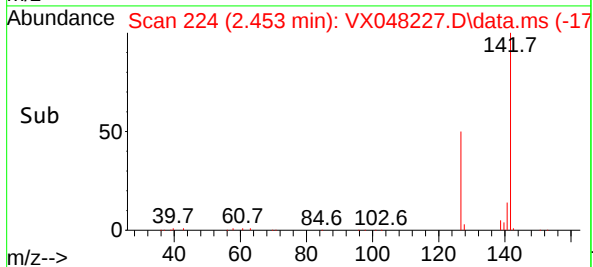
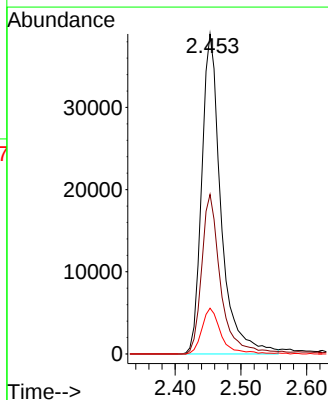
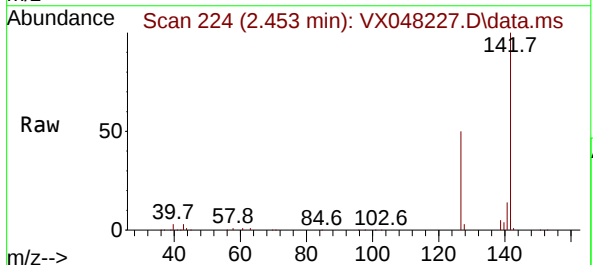
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

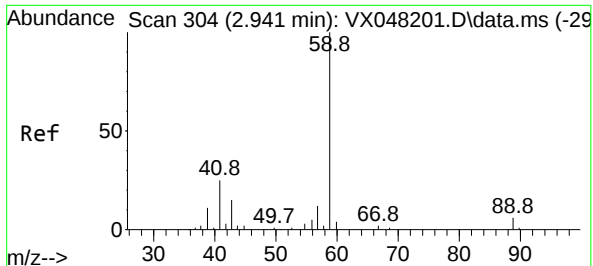
Tgt Ion:101 Resp: 64046
Ion Ratio Lower Upper
101 100
85 43.5 35.5 53.3
151 78.5 59.4 89.0



#10
Methyl Iodide
Concen: 46.306 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion:142 Resp: 79452
Ion Ratio Lower Upper
142 100
127 49.4 37.2 55.8
141 14.2 11.4 17.0

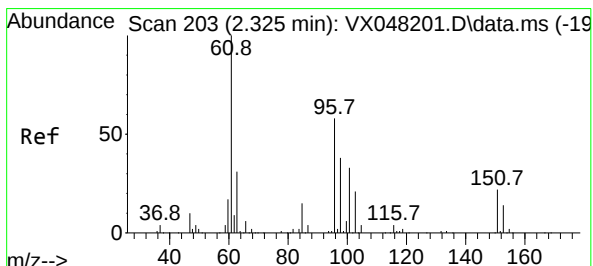
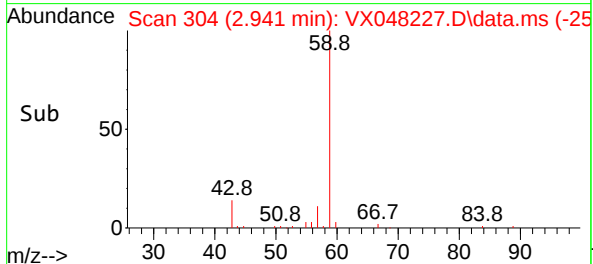
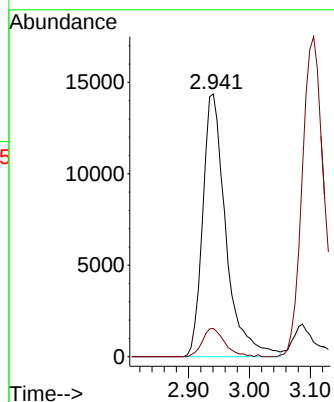
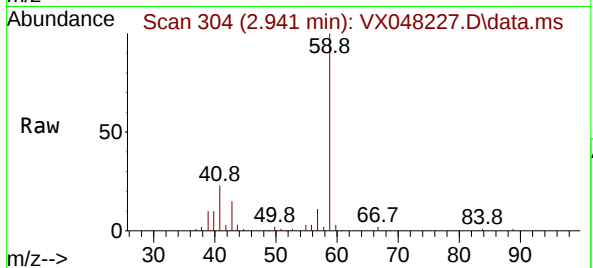




#11
Tert butyl alcohol
Concen: 305.120 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

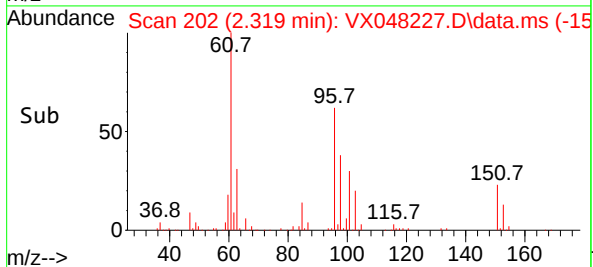
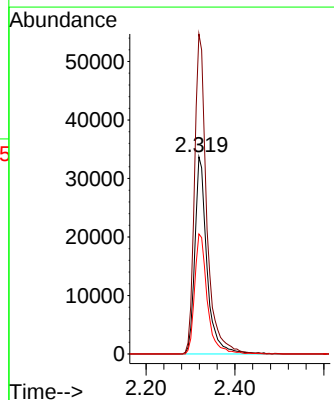
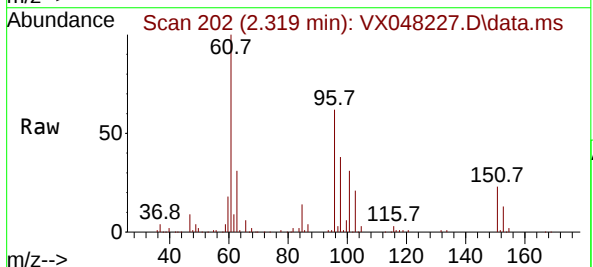
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

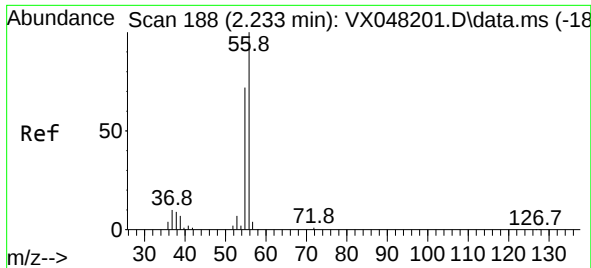
Tgt Ion: 59 Resp: 37912
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 45.444 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 96 Resp: 63653
Ion Ratio Lower Upper
96 100
61 162.4 131.0 196.6
98 60.9 47.7 71.5

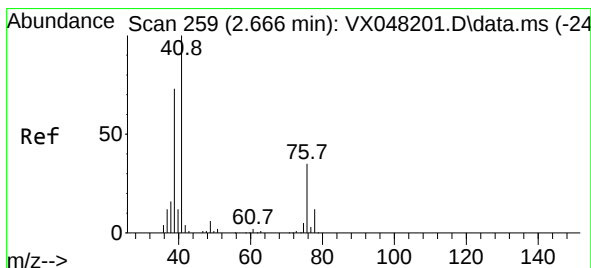
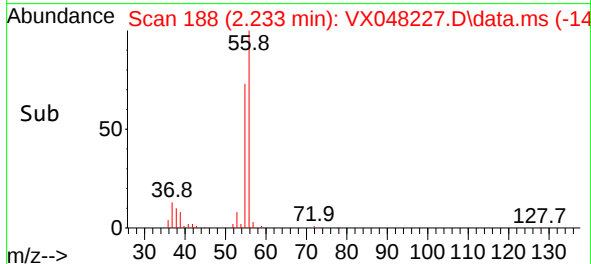
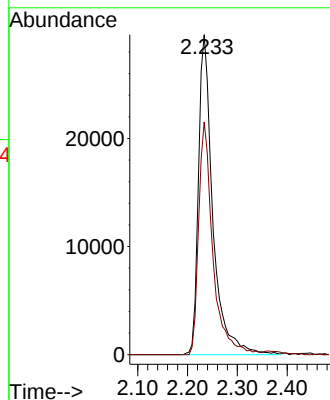
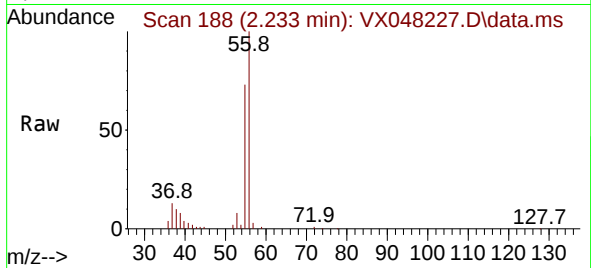




#13
Acrolein
Concen: 227.189 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

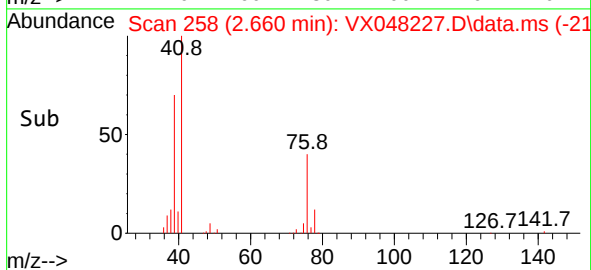
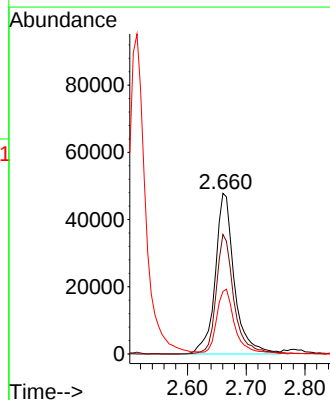
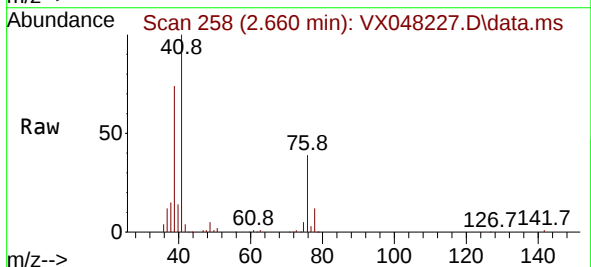
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

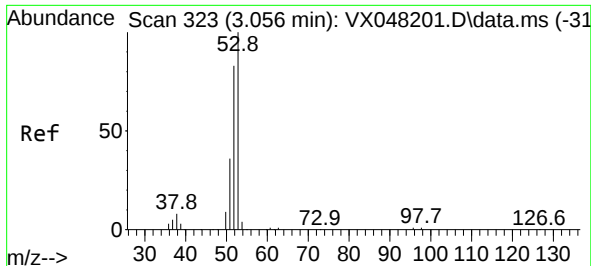
Tgt Ion: 56 Resp: 59326
Ion Ratio Lower Upper
56 100
55 72.0 57.2 85.8



#14
Allyl chloride
Concen: 42.962 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 41 Resp: 108246
Ion Ratio Lower Upper
41 100
39 69.2 54.7 82.1
76 38.3 25.7 38.5

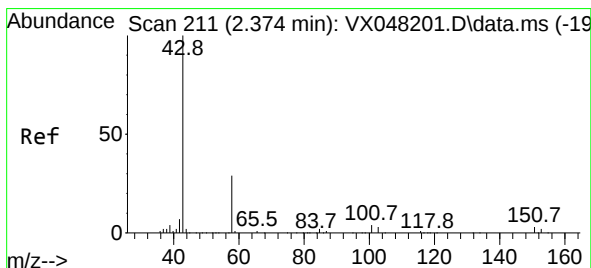
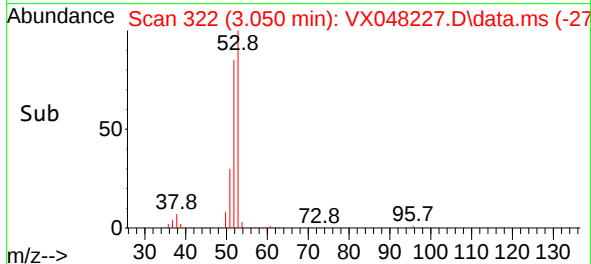
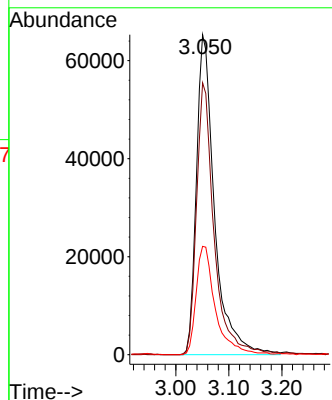
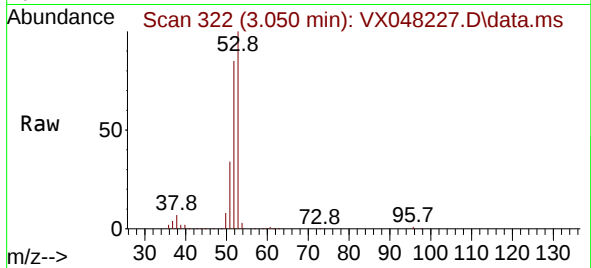




#15
Acrylonitrile
Concen: 260.614 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

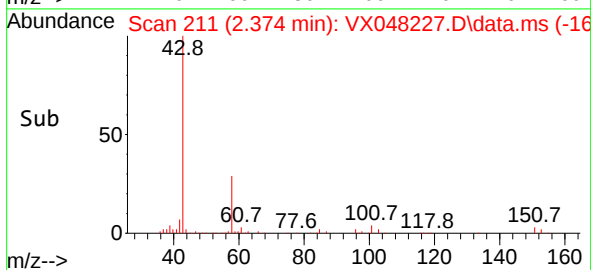
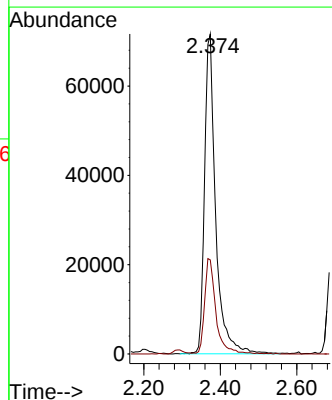
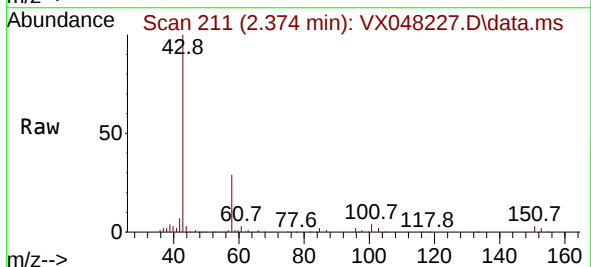
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

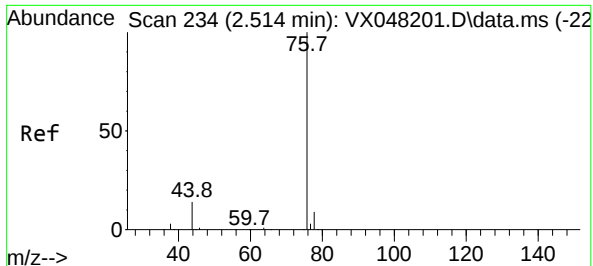
Tgt Ion: 53 Resp: 155168
Ion Ratio Lower Upper
53 100
52 82.1 66.4 99.6
51 36.0 29.5 44.3



#16
Acetone
Concen: 225.876 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 43 Resp: 144292
Ion Ratio Lower Upper
43 100
58 29.4 23.4 35.0

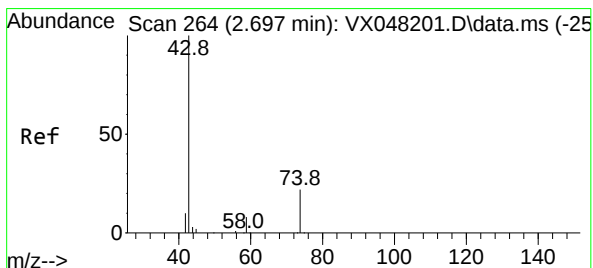
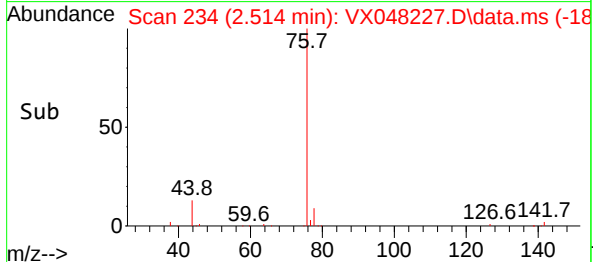
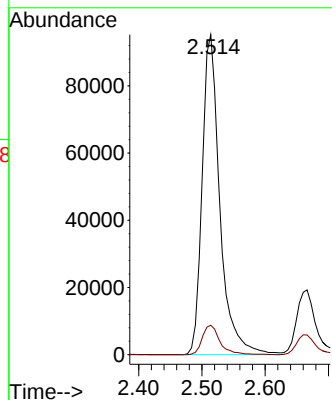
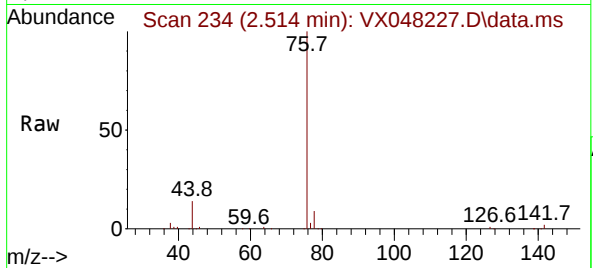




#17
Carbon Disulfide
Concen: 43.130 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

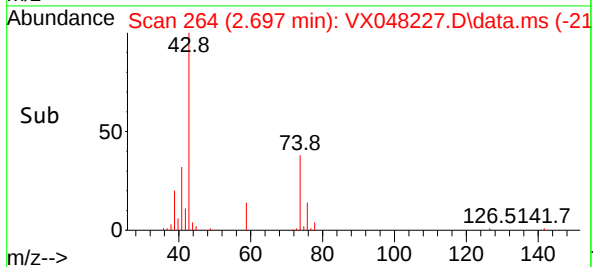
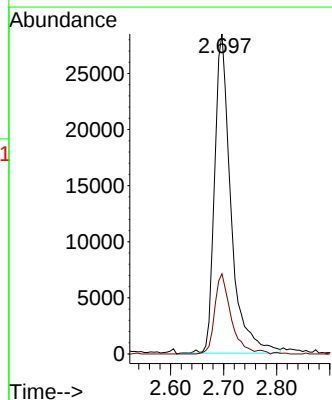
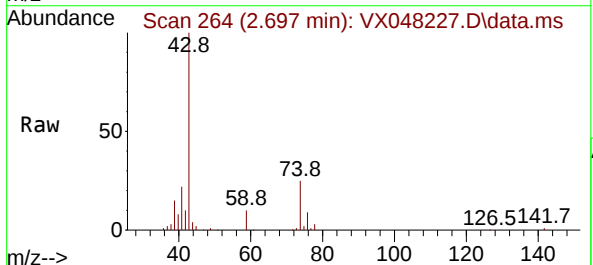
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

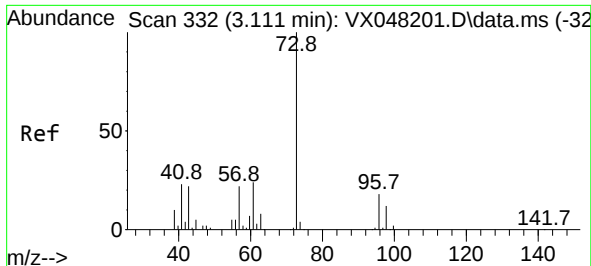
Tgt Ion: 76 Resp: 185873
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 46.940 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 43 Resp: 61074
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.2

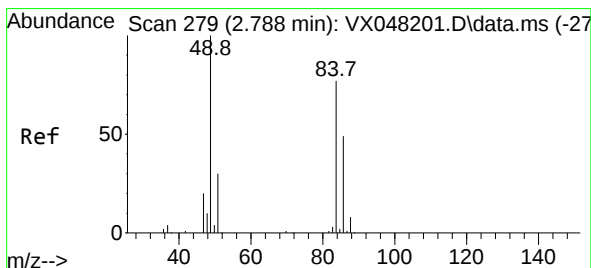
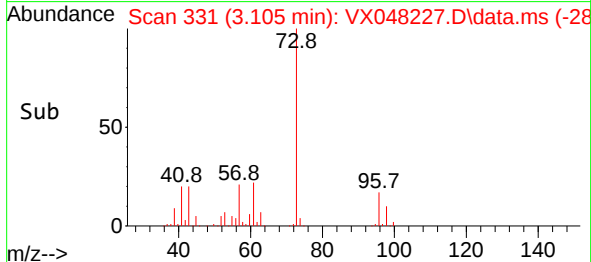
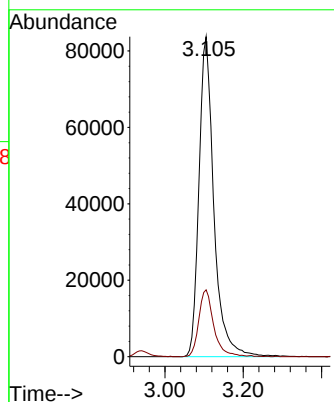
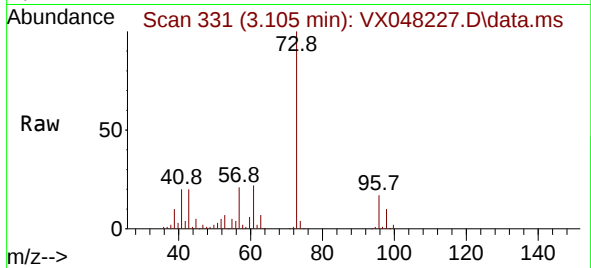




#19
Methyl tert-butyl Ether
Concen: 52.564 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

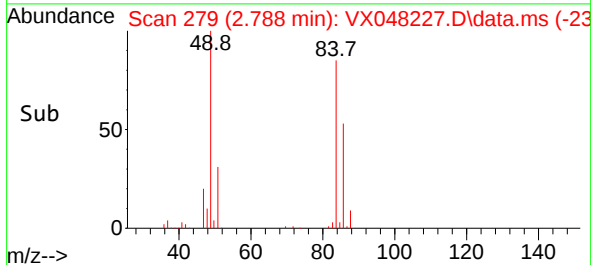
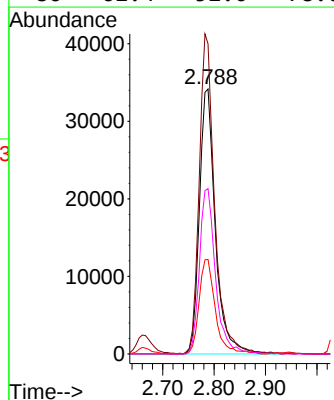
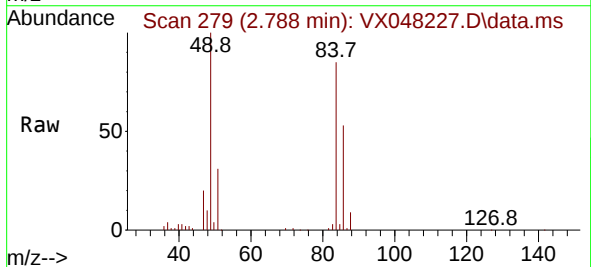
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

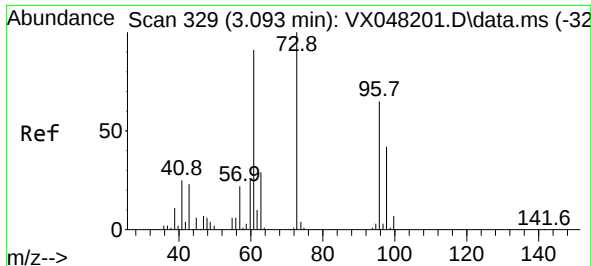
Tgt Ion: 73 Resp: 221777
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.2



#20
Methylene Chloride
Concen: 47.335 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 84 Resp: 73662
Ion Ratio Lower Upper
84 100
49 116.7 108.6 162.8
51 35.7 32.6 48.8
86 62.4 52.0 78.0

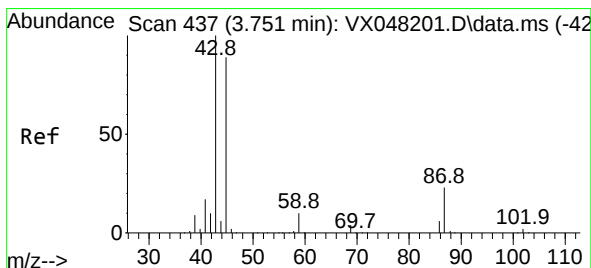
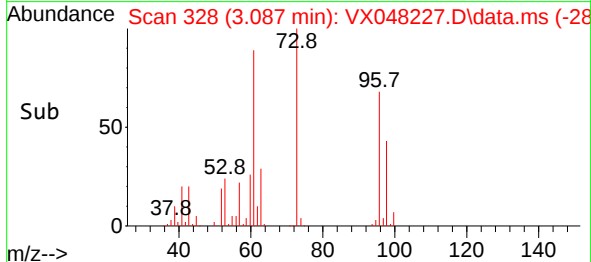
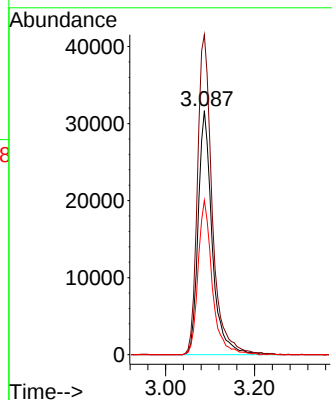
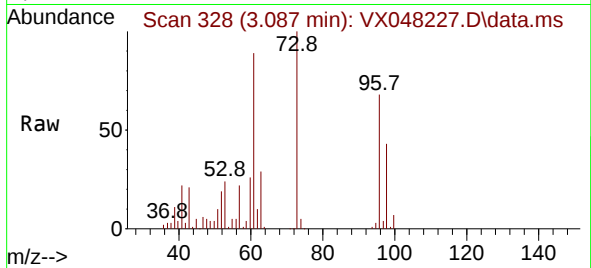




#21
trans-1,2-Dichloroethene
Concen: 48.102 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

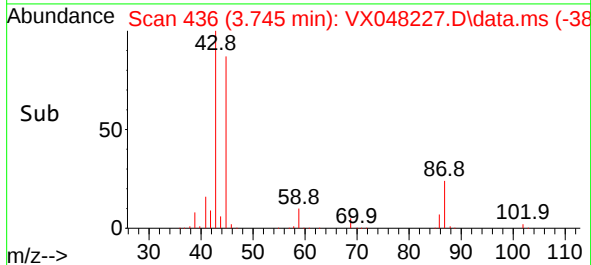
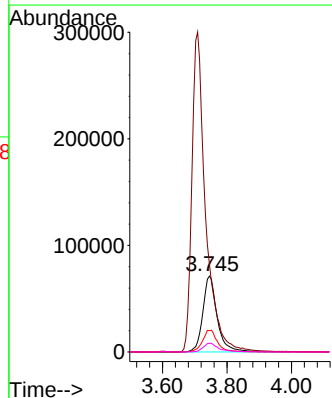
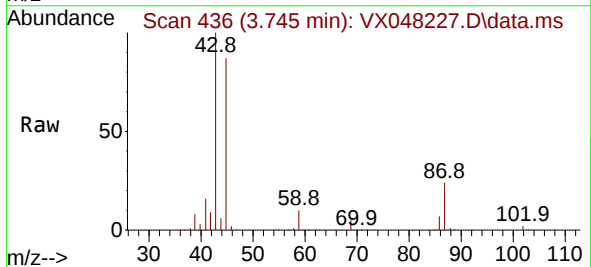
Instrument :
MSVOA_X
ClientSampleId :
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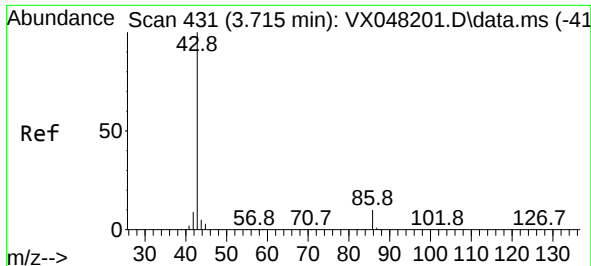
Tgt Ion: 96 Resp: 69703
Ion Ratio Lower Upper
96 100
61 131.2 116.2 174.2
98 63.3 49.3 73.9



#22
Diisopropyl ether
Concen: 44.730 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 45 Resp: 220680
Ion Ratio Lower Upper
45 100
43 114.9 81.0 121.4
87 28.1 20.3 30.5
59 11.8 9.0 13.4

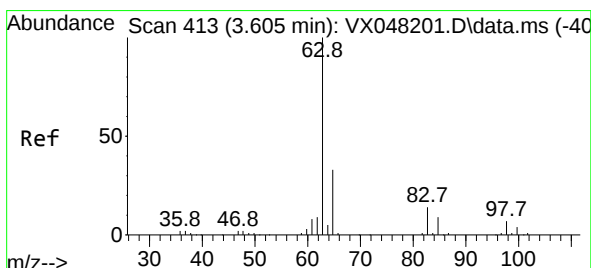
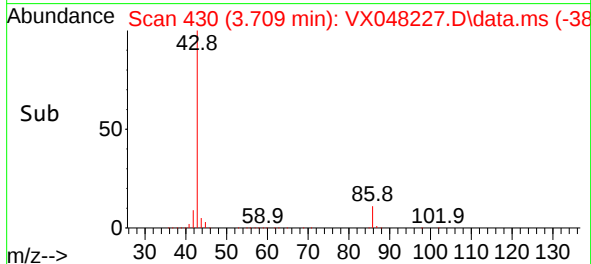
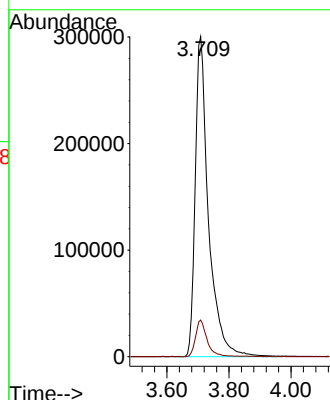
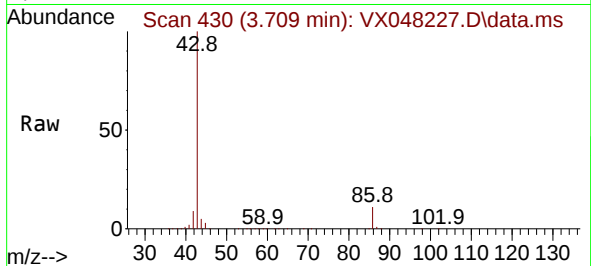




#23
 Vinyl Acetate
 Concen: 241.644 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048227.D
 Acq: 20 Oct 2025 10:13

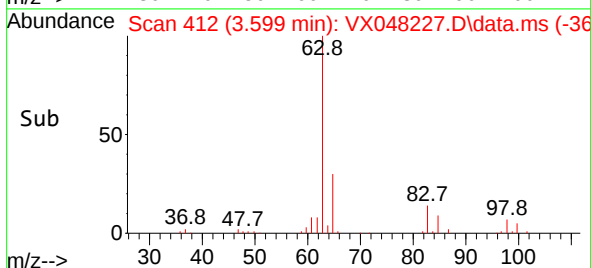
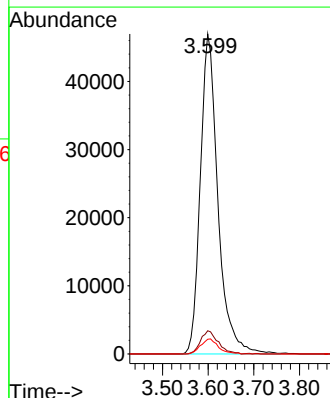
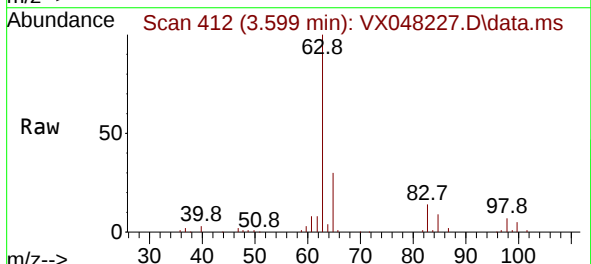
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

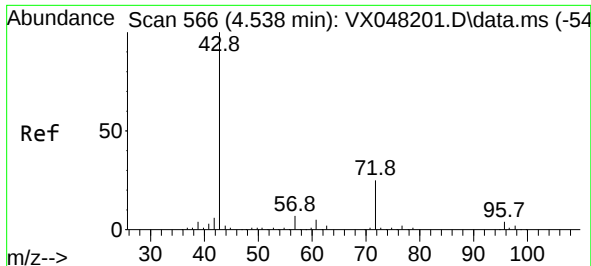
Tgt Ion: 43 Resp: 891427
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 44.894 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048227.D
 Acq: 20 Oct 2025 10:13

Tgt Ion: 63 Resp: 125656
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.6 2.3 6.9

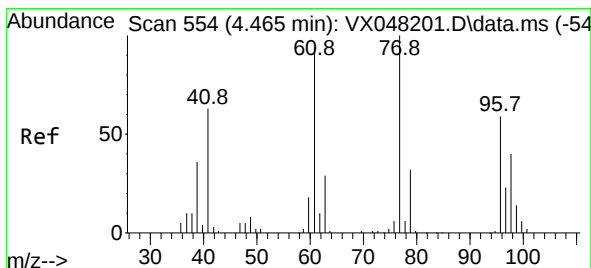
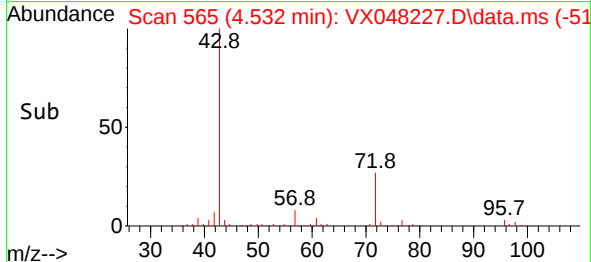
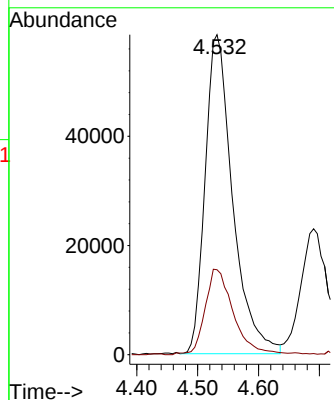
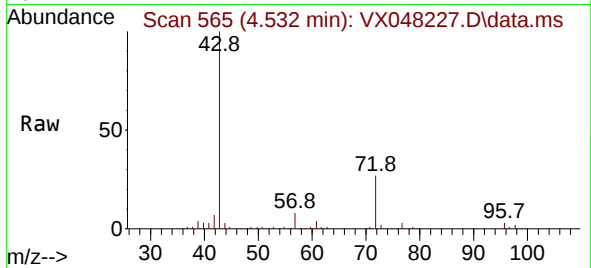




#25
2-Butanone
Concen: 246.790 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

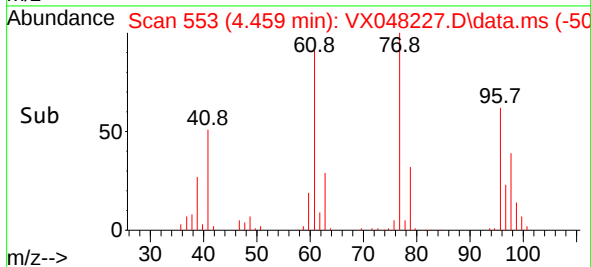
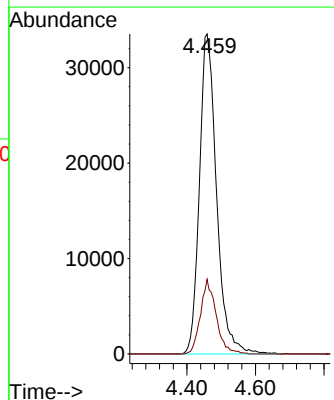
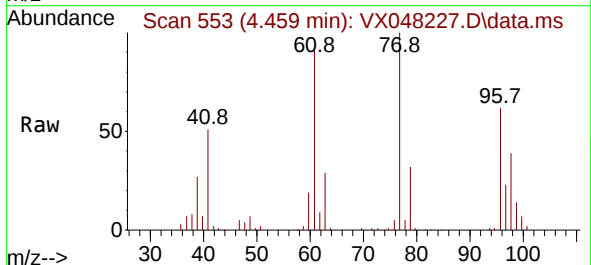
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

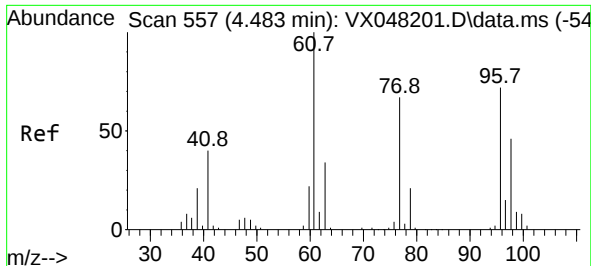
Tgt Ion: 43 Resp: 183671
Ion Ratio Lower Upper
43 100
72 26.1 20.1 30.1



#26
2,2-Dichloropropane
Concen: 48.839 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 77 Resp: 116841
Ion Ratio Lower Upper
77 100
97 21.3 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 47.117 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

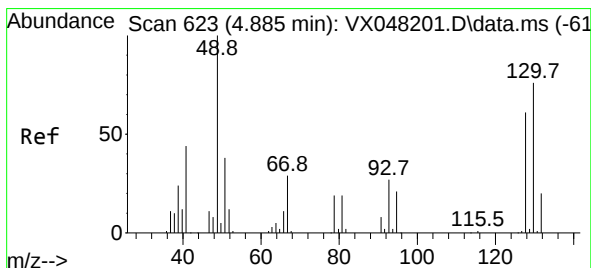
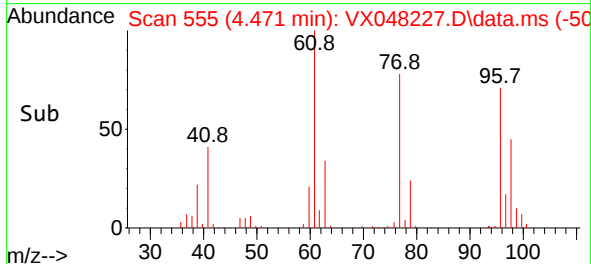
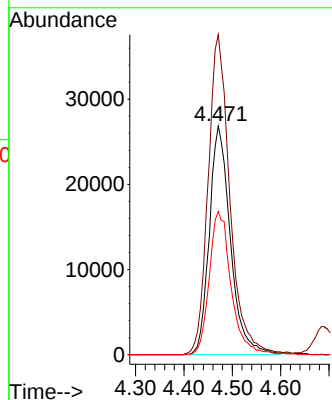
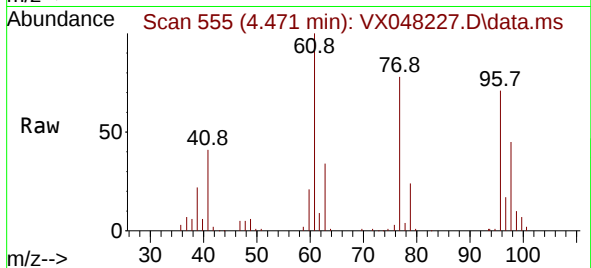
Tgt Ion: 96 Resp: 81341

Ion Ratio Lower Upper

96 100

61 144.3 0.0 303.2

98 64.8 0.0 127.8



#28

Bromochloromethane

Concen: 41.560 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

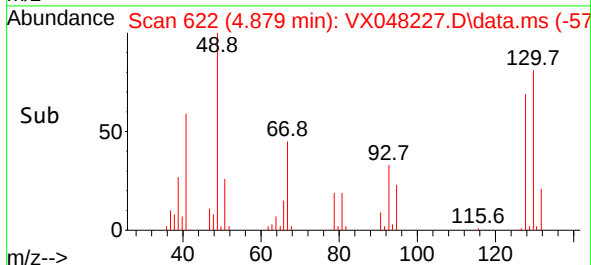
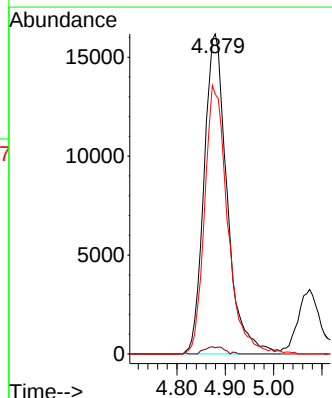
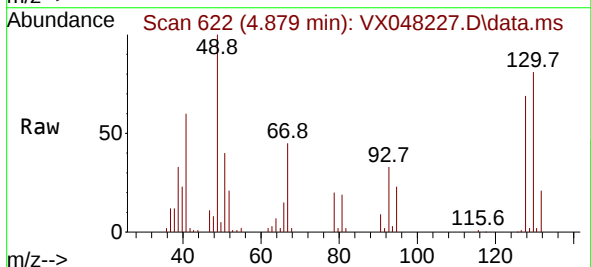
Tgt Ion: 49 Resp: 53620

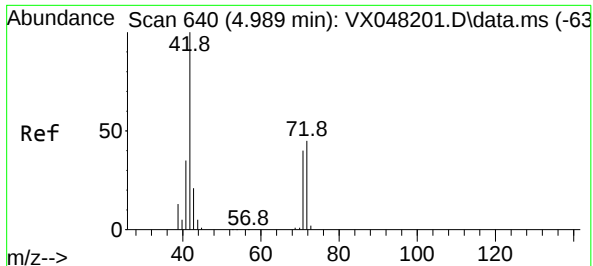
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.2

130 84.0 57.8 86.8





#29

Tetrahydrofuran

Concen: 247.476 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

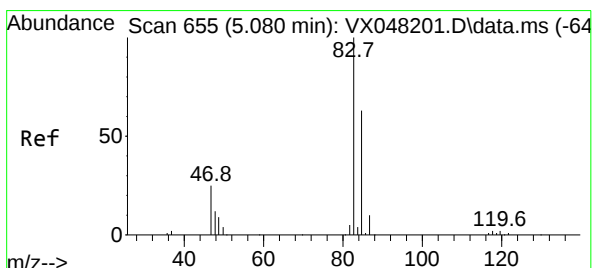
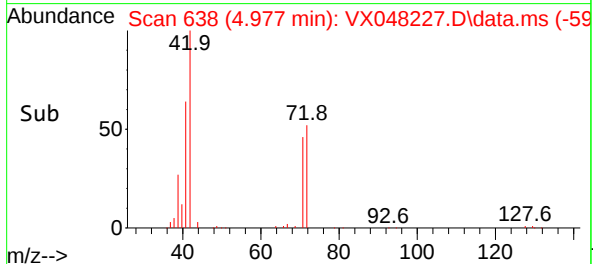
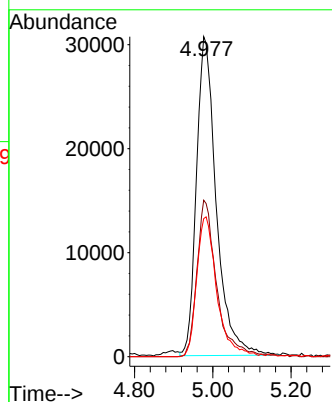
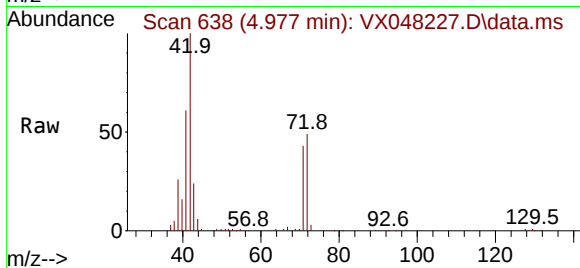
Tgt Ion: 42 Resp: 108162

Ion Ratio Lower Upper

42 100

72 48.7 34.2 51.2

71 44.4 31.9 47.9



#30

Chloroform

Concen: 46.054 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048227.D

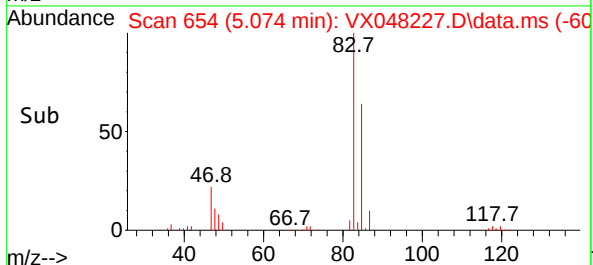
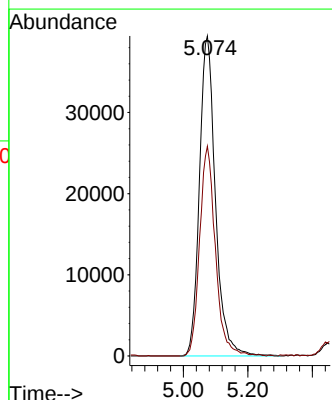
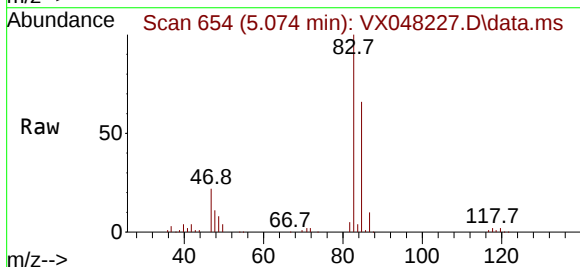
Acq: 20 Oct 2025 10:13

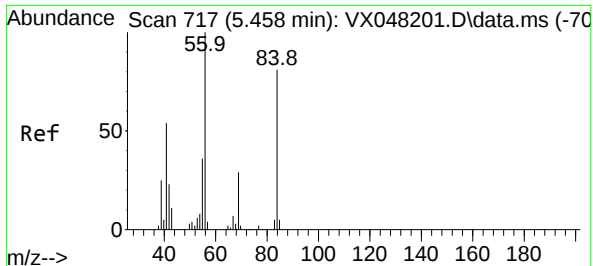
Tgt Ion: 83 Resp: 135712

Ion Ratio Lower Upper

83 100

85 65.6 51.8 77.6

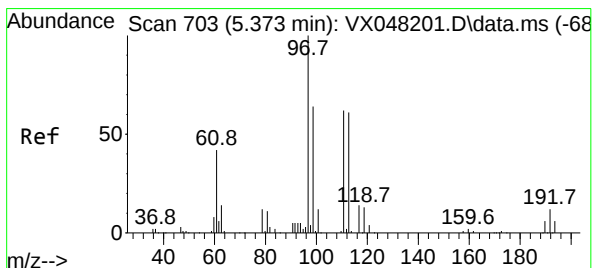
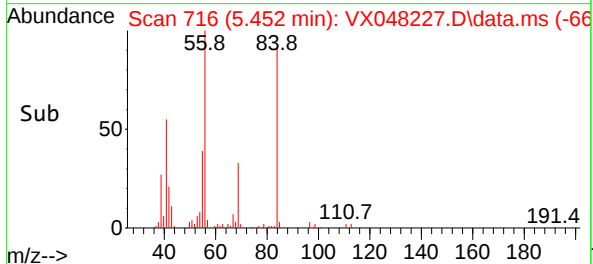
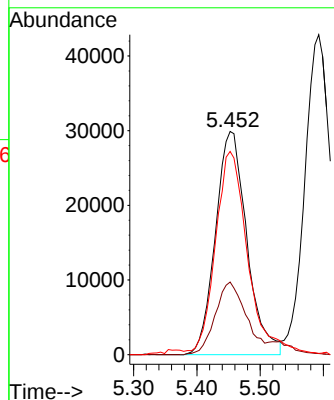
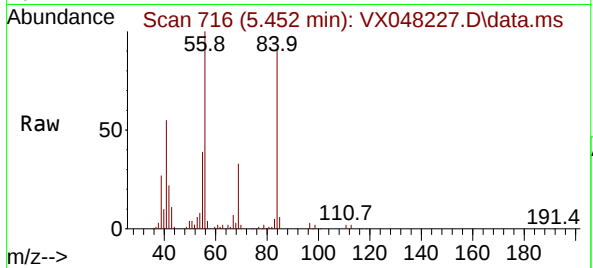




#31
Cyclohexane
Concen: 44.942 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

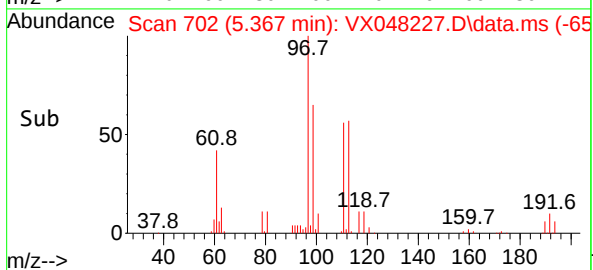
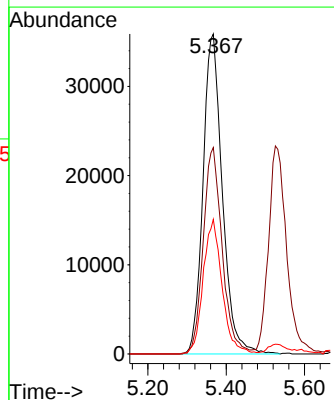
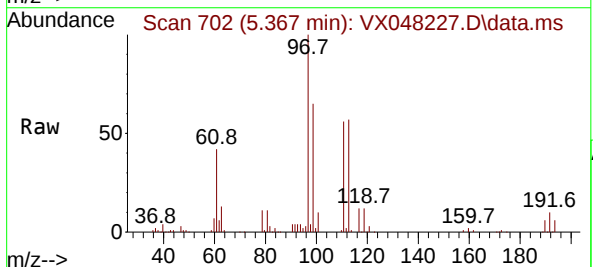
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

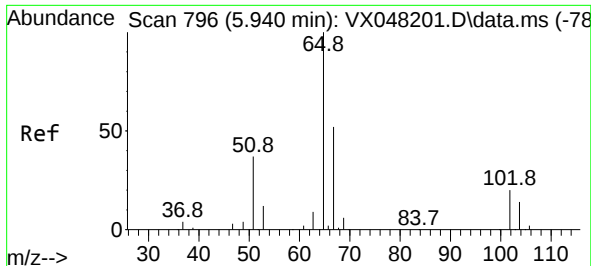
Tgt Ion: 56 Resp: 102927
Ion Ratio Lower Upper
56 100
69 32.6 23.8 35.8
84 89.0 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 50.755 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 97 Resp: 122889
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 41.2 35.8 53.8

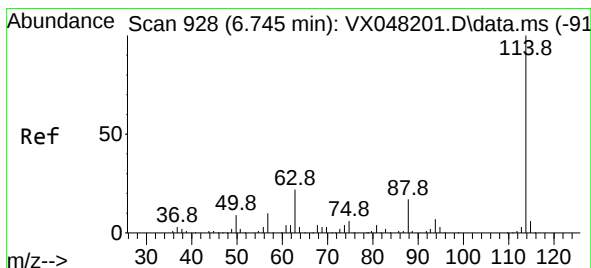
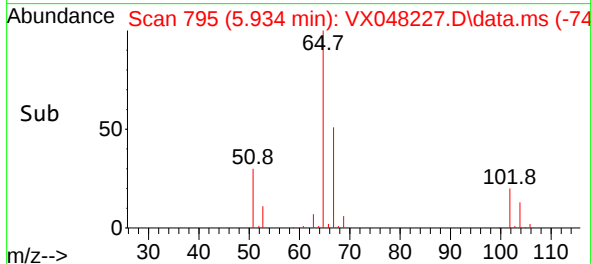
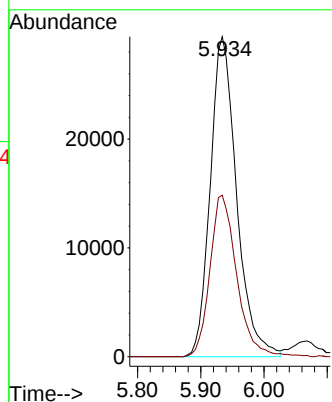
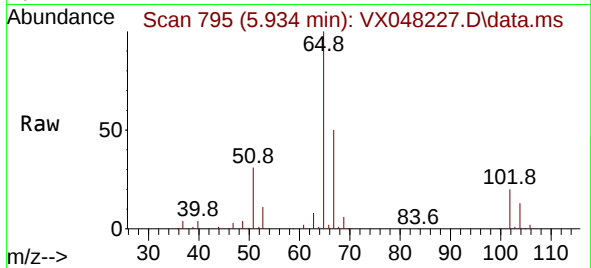




#33
 1,2-Dichloroethane-d4
 Concen: 45.446 ug/l
 RT: 5.934 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: VX048227.D
 Acq: 20 Oct 2025 10:13

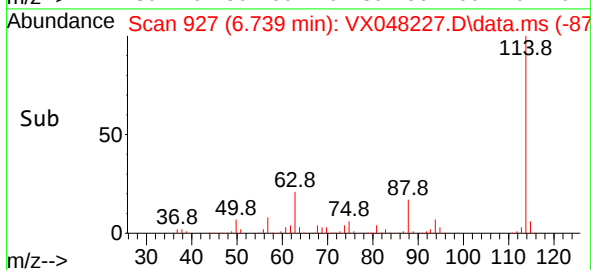
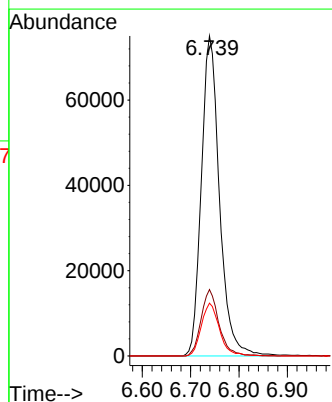
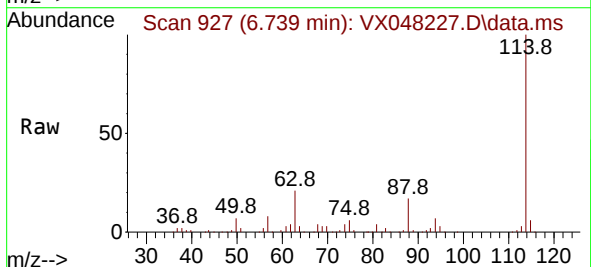
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

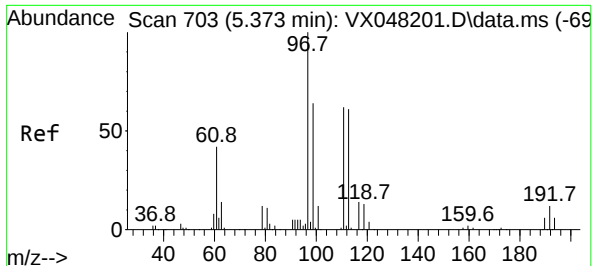
Tgt Ion: 65 Resp: 85103
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.739 min Scan# 927
 Delta R.T. -0.006 min
 Lab File: VX048227.D
 Acq: 20 Oct 2025 10:13

Tgt Ion: 114 Resp: 195788
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 44.0
 88 16.5 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.505 ug/l

RT: 5.361 min Scan# 703

Delta R.T. -0.012 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

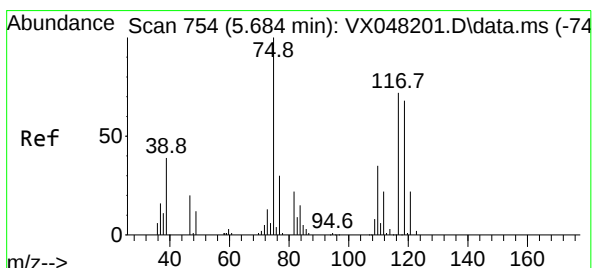
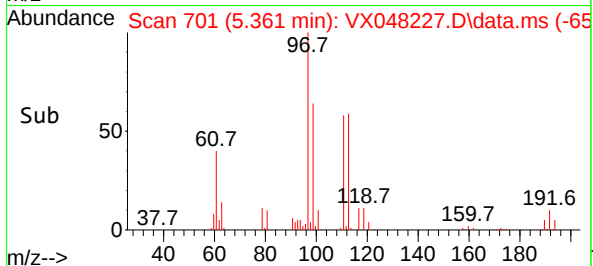
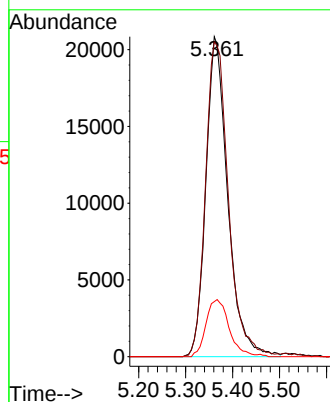
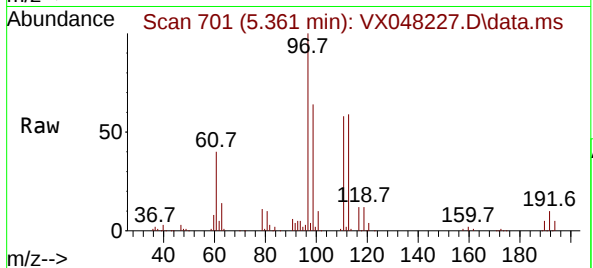
Tgt Ion:113 Resp: 67269

Ion Ratio Lower Upper

113 100

111 103.0 80.9 121.3

192 19.0 14.2 21.4



#36

1,1-Dichloropropene

Concen: 47.271 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.012 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

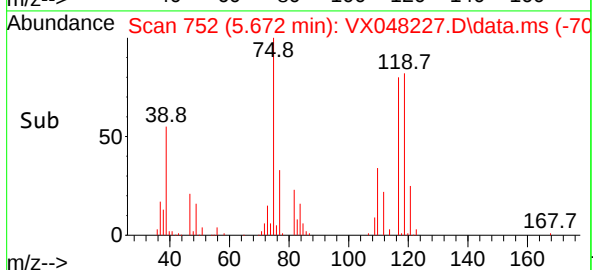
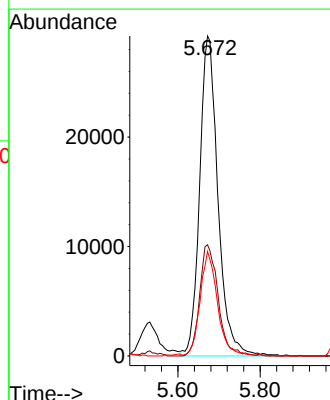
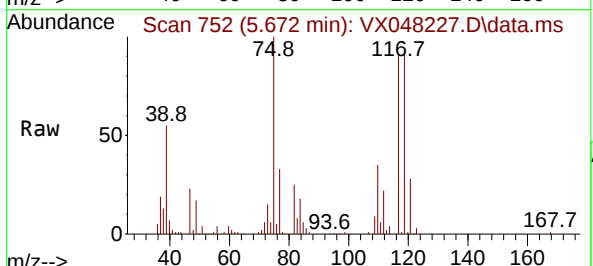
Tgt Ion: 75 Resp: 90485

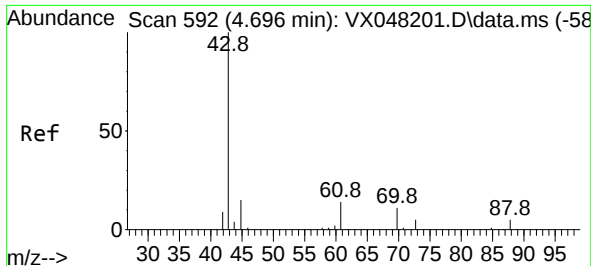
Ion Ratio Lower Upper

75 100

110 35.0 16.7 50.1

77 30.4 24.3 36.5

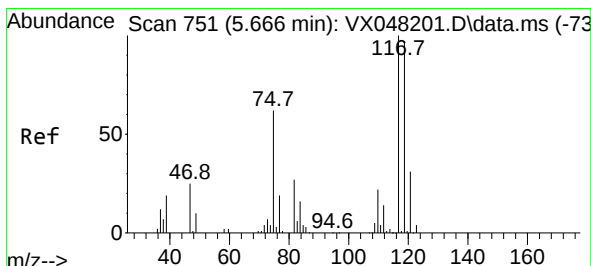
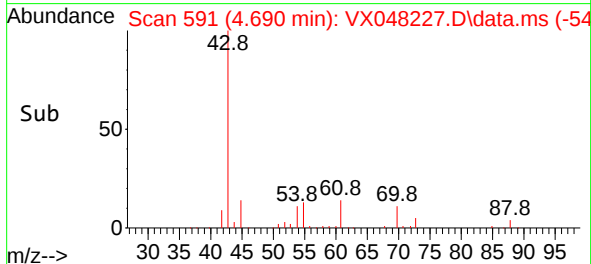
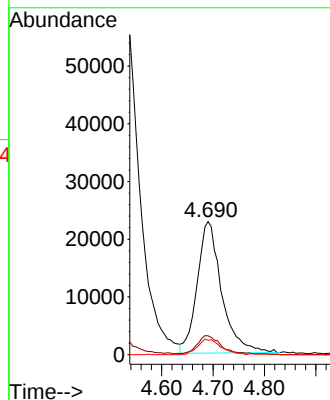
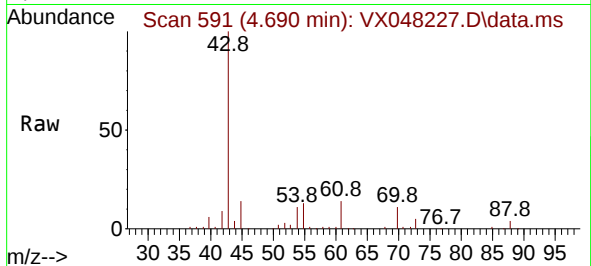




#37
Ethyl Acetate
Concen: 49.298 ug/l
RT: 4.690 min Scan# 592
Delta R.T. -0.012 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

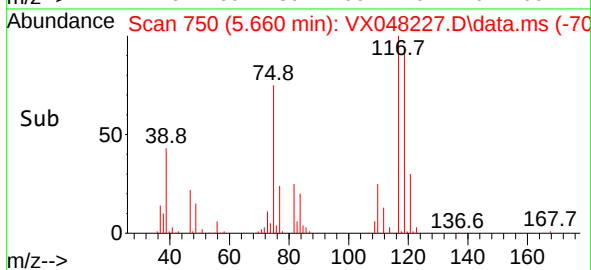
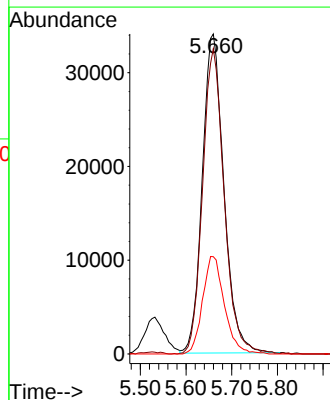
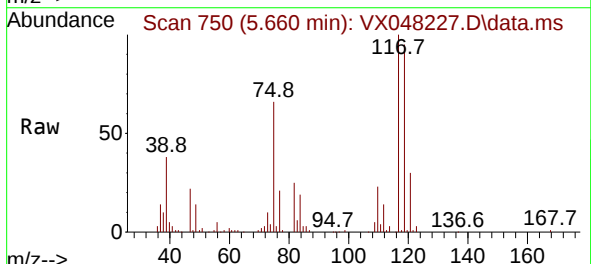
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

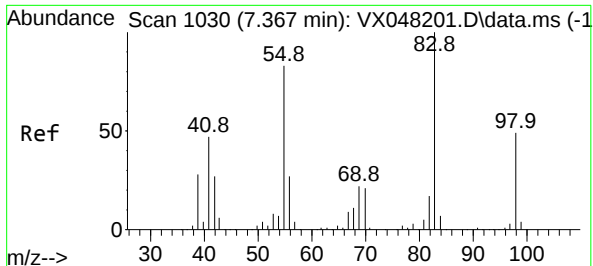
Tgt Ion:	43	Resp:	75343
Ion	Ratio	Lower	Upper
43	100		
61	13.2	9.8	14.8
70	11.2	7.9	11.9



#38
Carbon Tetrachloride
Concen: 50.808 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion:	117	Resp:	111631
Ion	Ratio	Lower	Upper
117	100		
119	95.6	73.4	110.2
121	30.5	23.8	35.6





#39

Methylcyclohexane

Concen: 48.555 ug/l

RT: 7.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

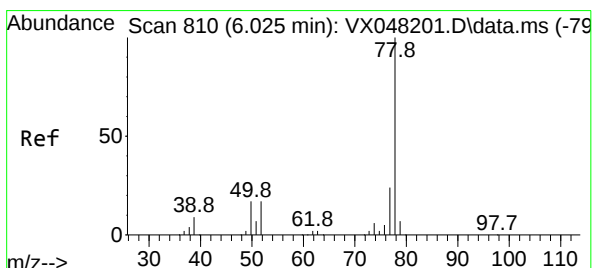
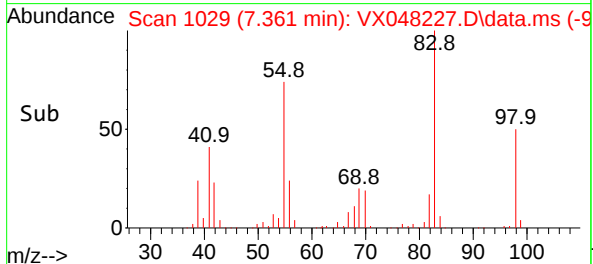
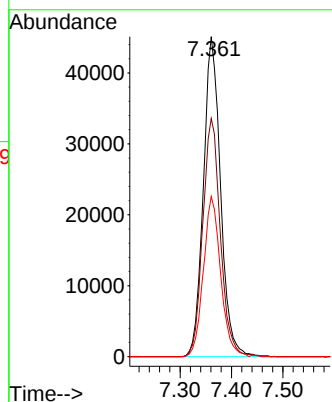
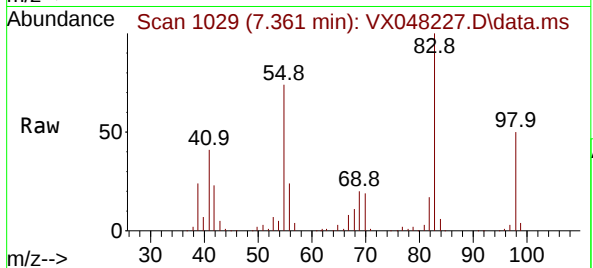
Tgt Ion: 83 Resp: 104794

Ion Ratio Lower Upper

83 100

55 74.4 66.4 99.6

98 50.0 38.1 57.1



#40

Benzene

Concen: 48.395 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048227.D

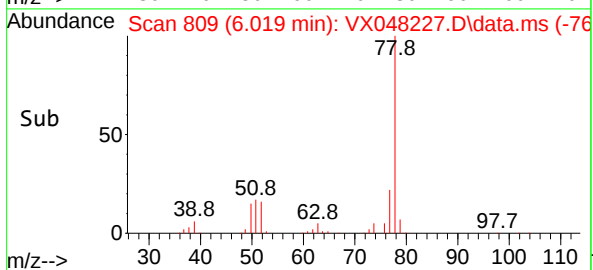
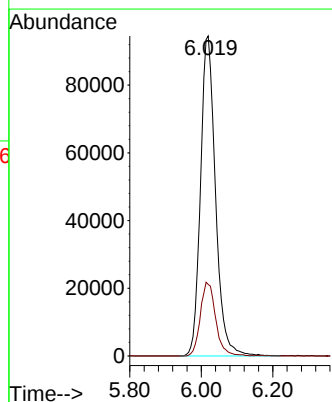
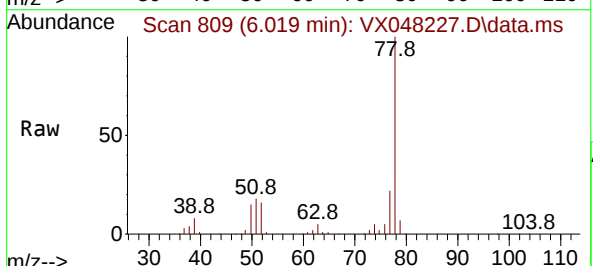
Acq: 20 Oct 2025 10:13

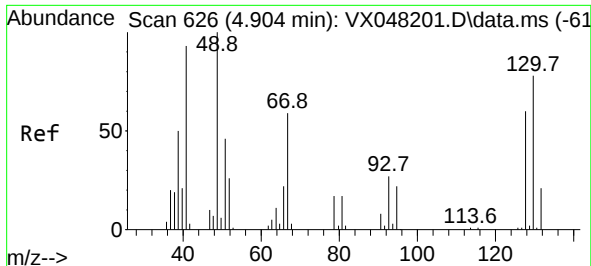
Tgt Ion: 78 Resp: 275072

Ion Ratio Lower Upper

78 100

77 22.4 18.8 28.2



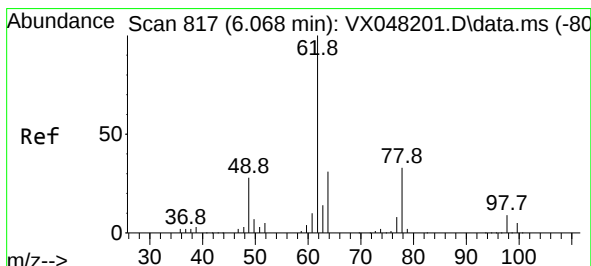
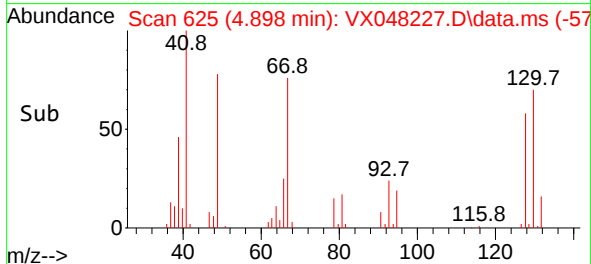
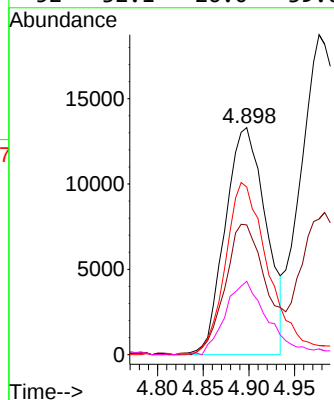
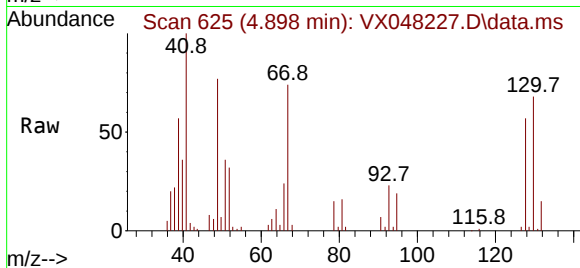


#41
Methacrylonitrile
Concen: 50.645 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 41493

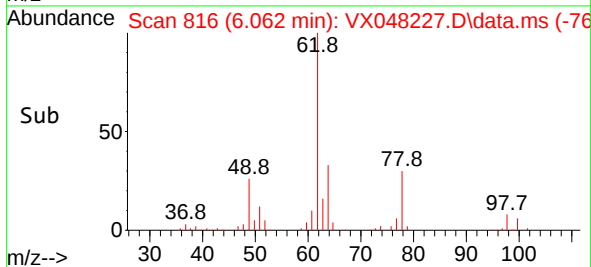
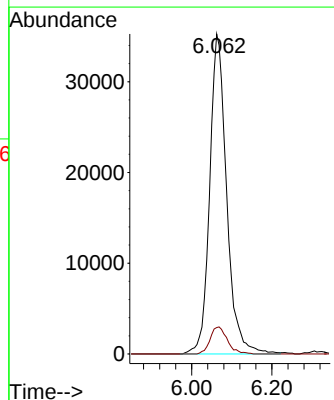
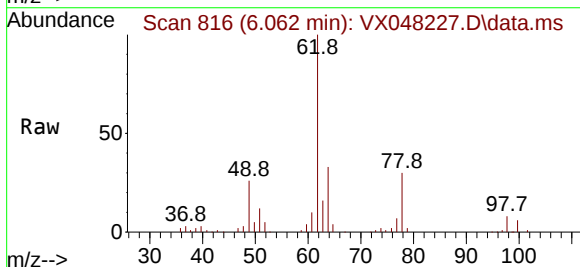
Ion	Ratio	Lower	Upper
41	100		
39	58.6	43.3	64.9
67	81.8	58.6	87.8
52	32.1	26.0	39.0

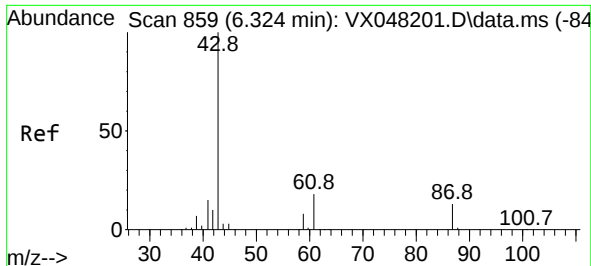


#42
1,2-Dichloroethane
Concen: 50.941 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 62 Resp: 103737

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0

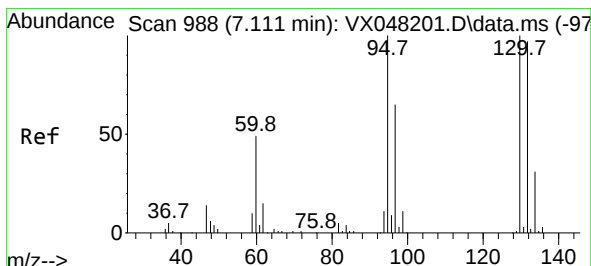
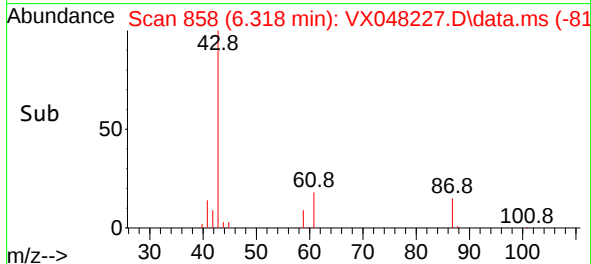
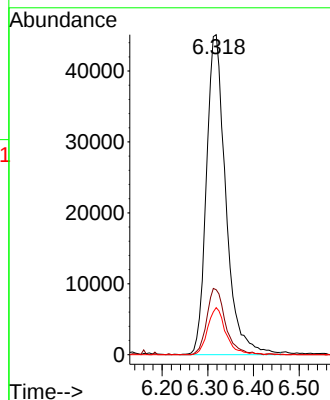
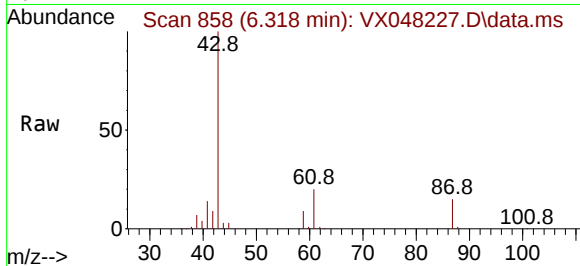




#43
Isopropyl Acetate
Concen: 51.778 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

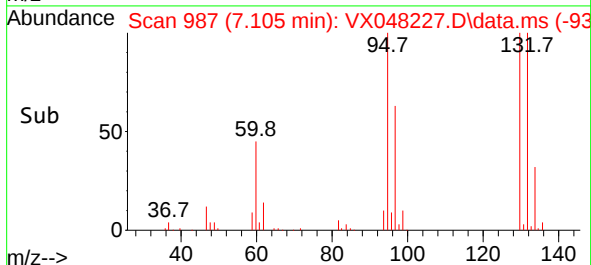
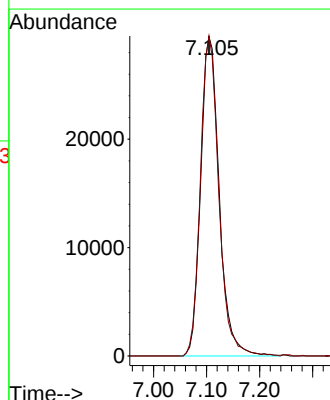
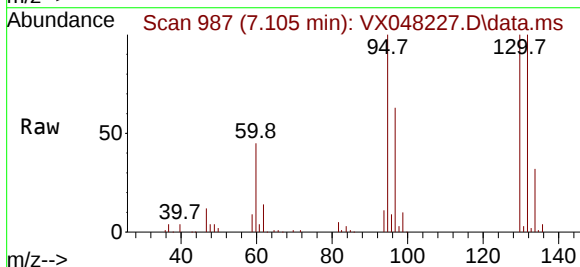
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

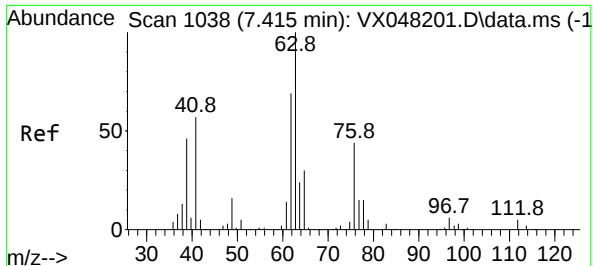
Tgt Ion: 43 Resp: 132964
Ion Ratio Lower Upper
43 100
61 20.0 15.2 22.8
87 13.8 9.6 14.4



#44
Trichloroethene
Concen: 50.066 ug/l
RT: 7.105 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion:130 Resp: 71719
Ion Ratio Lower Upper
130 100
95 100.3 0.0 210.8





#45

1,2-Dichloropropane

Concen: 46.740 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

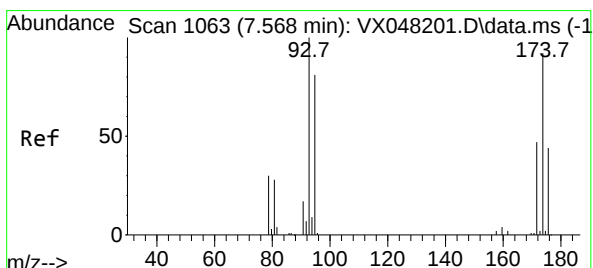
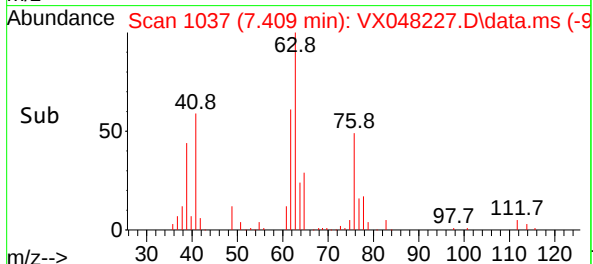
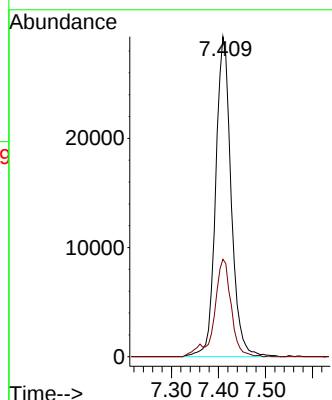
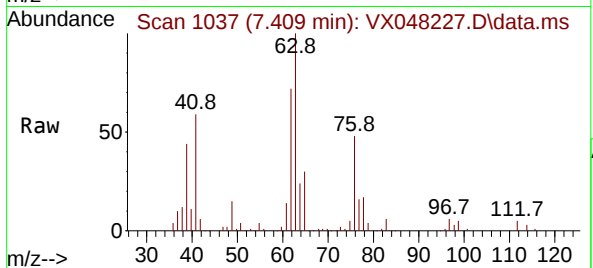
VSTDCCC050

Tgt Ion: 63 Resp: 67236

Ion Ratio Lower Upper

63 100

65 30.4 24.7 37.1



#46

Dibromomethane

Concen: 49.128 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

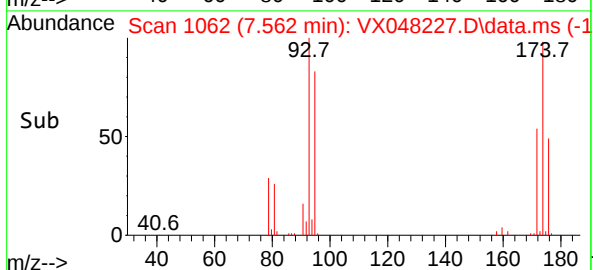
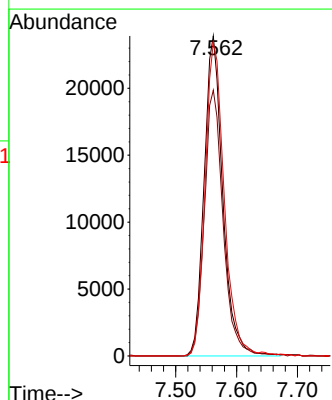
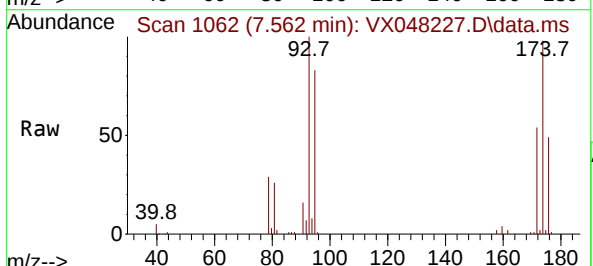
Tgt Ion: 93 Resp: 50849

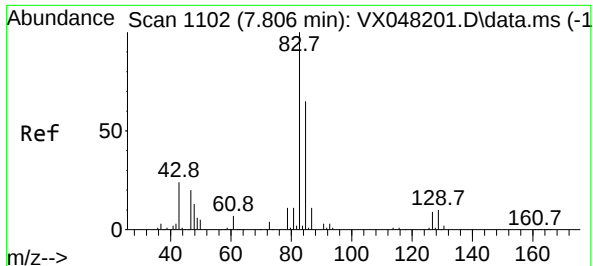
Ion Ratio Lower Upper

93 100

95 83.9 65.0 97.6

174 100.4 71.6 107.4

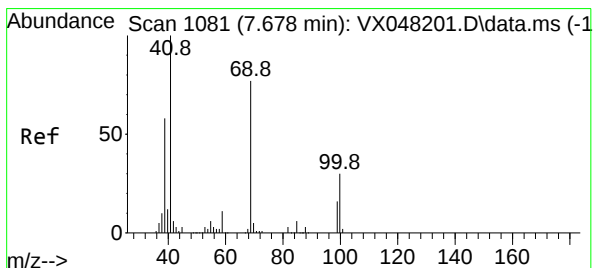
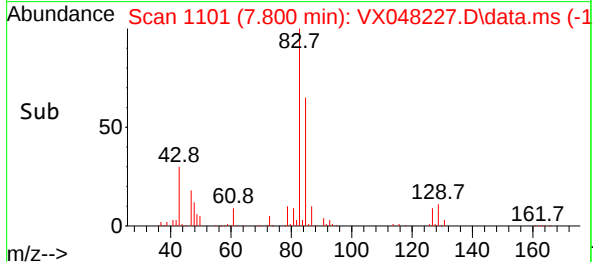
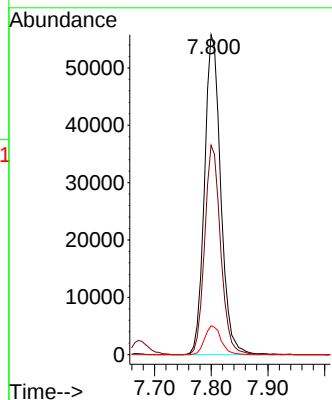
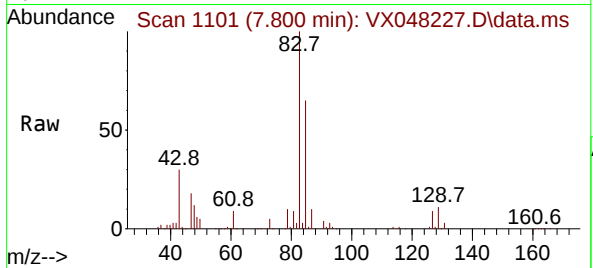




#47
Bromodichloromethane
Concen: 49.735 ug/l
RT: 7.800 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

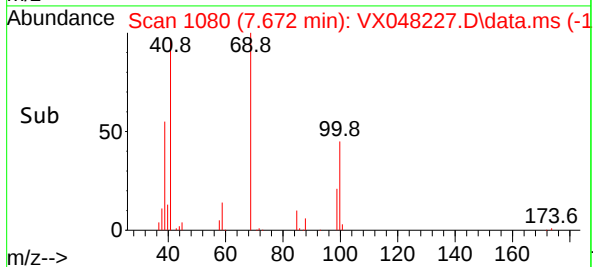
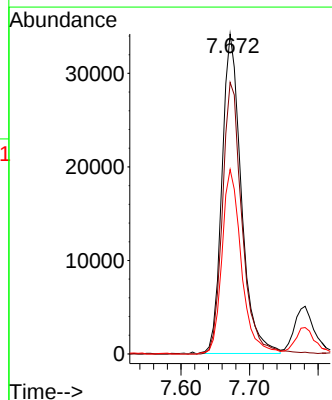
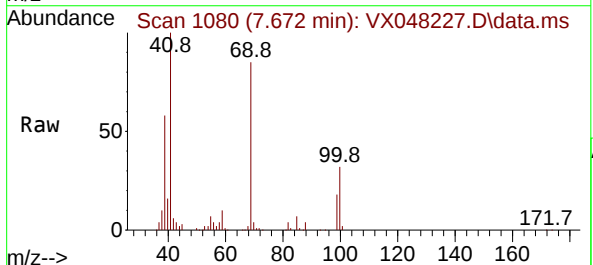
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

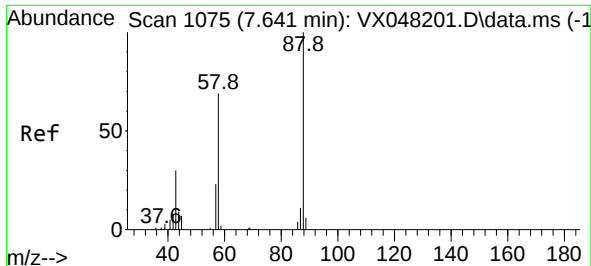
Tgt Ion: 83 Resp: 111257
Ion Ratio Lower Upper
83 100
85 65.4 52.5 78.7
127 9.0 6.9 10.3



#48
Methyl methacrylate
Concen: 50.814 ug/l
RT: 7.672 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 41 Resp: 66797
Ion Ratio Lower Upper
41 100
69 86.5 61.4 92.2
39 57.9 45.8 68.6





#49

1,4-Dioxane

Concen: 1490.912 ug/l

RT: 7.635 min Scan# 1074

Delta R.T. -0.012 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

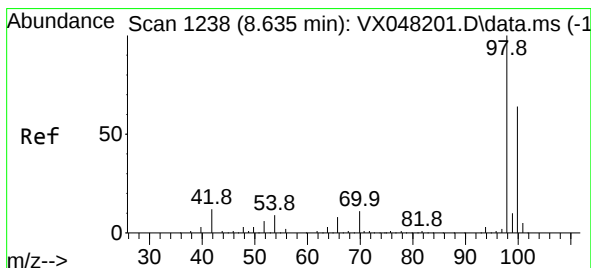
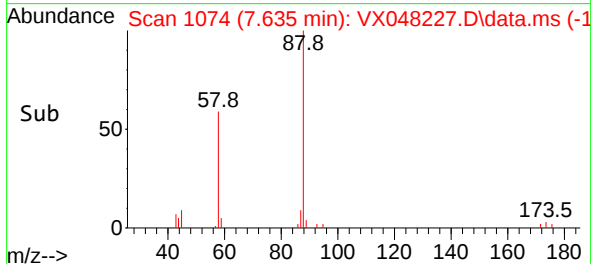
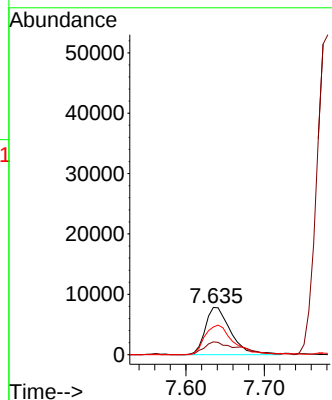
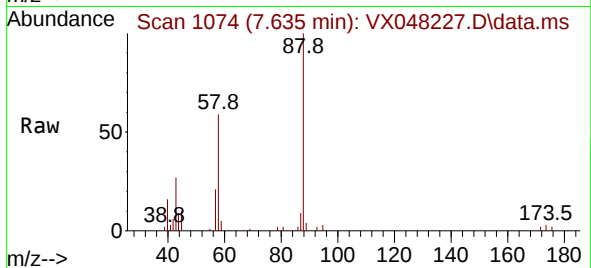
Tgt Ion: 88 Resp: 17642

Ion Ratio Lower Upper

88 100

43 37.6 30.2 45.2

58 68.7 59.5 89.3



#50

Toluene-d8

Concen: 47.432 ug/l

RT: 8.629 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048227.D

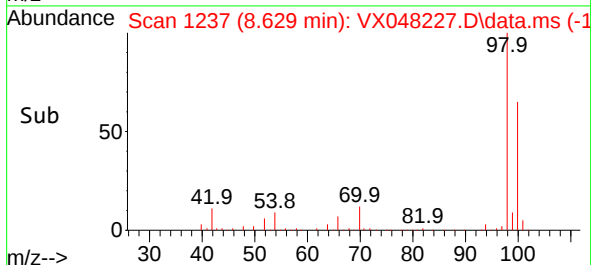
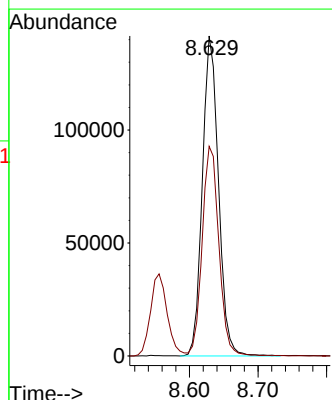
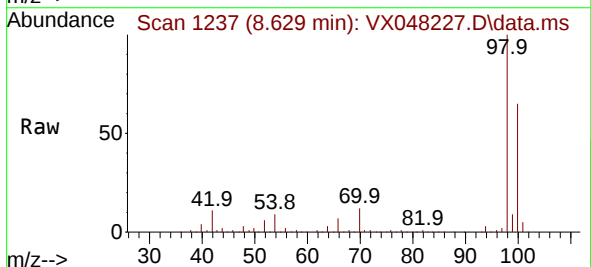
Acq: 20 Oct 2025 10:13

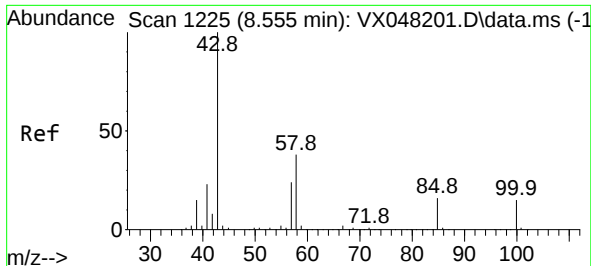
Tgt Ion: 98 Resp: 232192

Ion Ratio Lower Upper

98 100

100 67.4 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 261.640 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

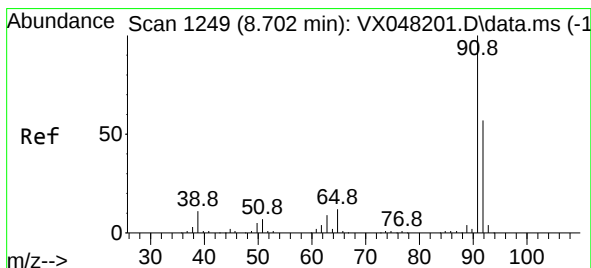
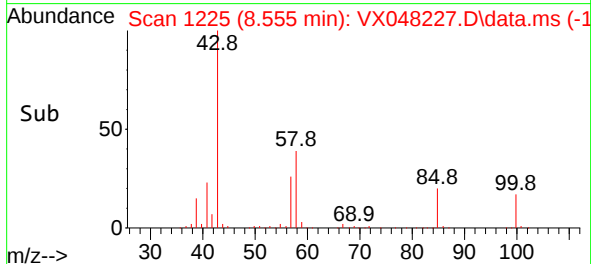
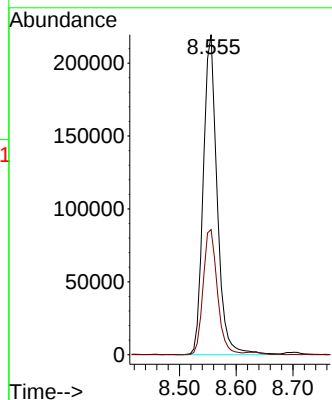
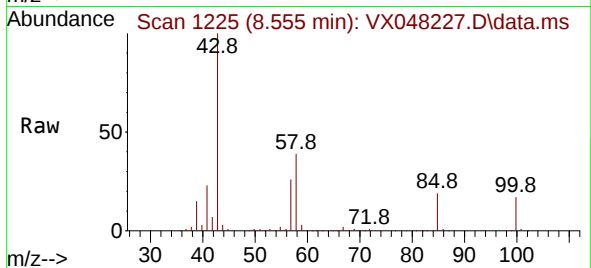
VSTDCCC050

Tgt Ion: 43 Resp: 373875

Ion Ratio Lower Upper

43 100

58 40.0 30.3 45.5



#52

Toluene

Concen: 51.202 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048227.D

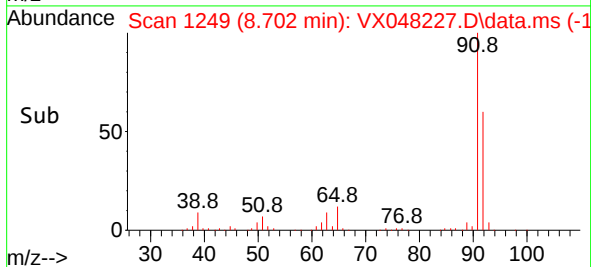
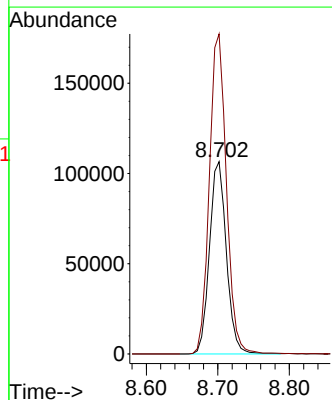
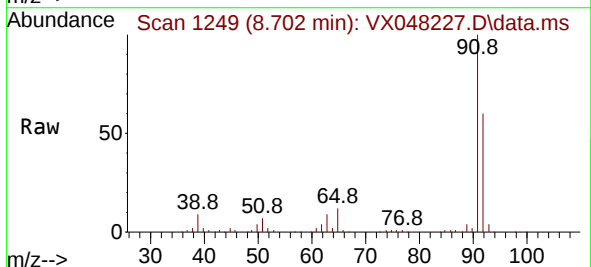
Acq: 20 Oct 2025 10:13

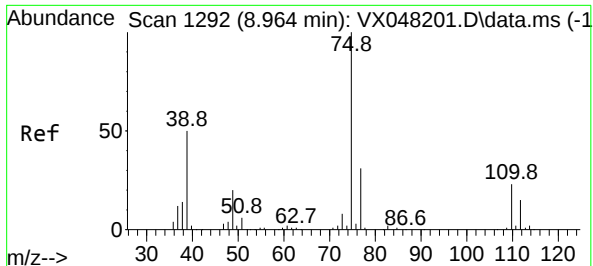
Tgt Ion: 92 Resp: 174919

Ion Ratio Lower Upper

92 100

91 168.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 53.468 ug/l

RT: 8.958 min Scan# 112052

Delta R.T. -0.006 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

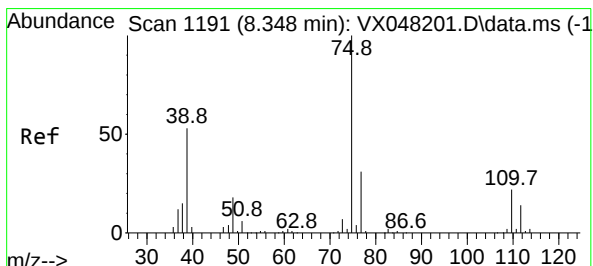
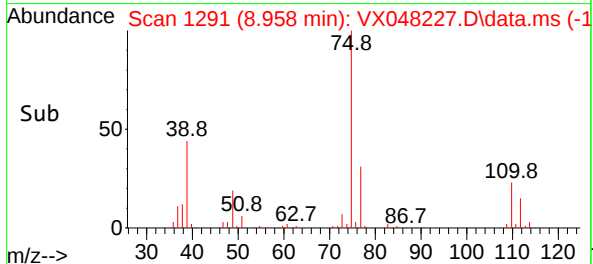
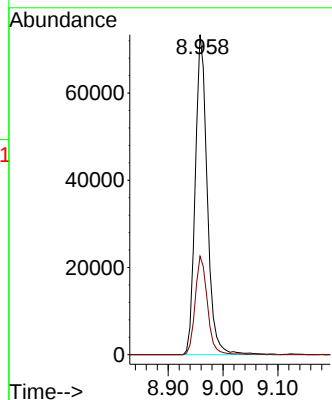
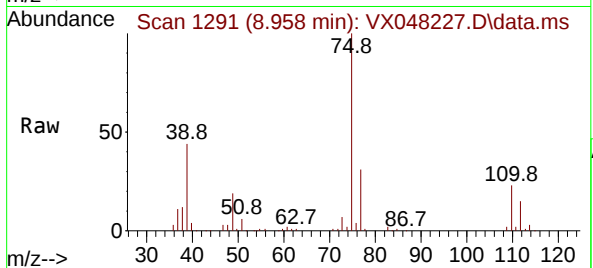
VSTDCCC050

Tgt Ion: 75 Resp: 112052

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.245 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

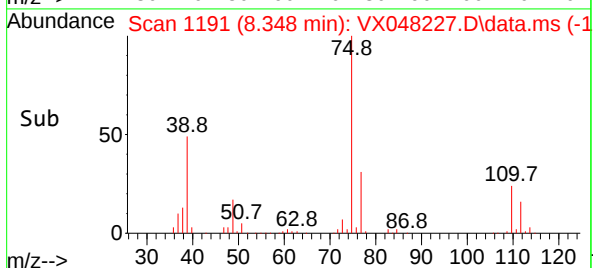
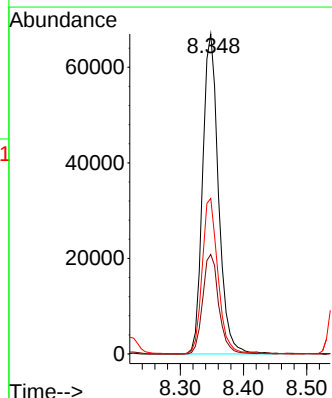
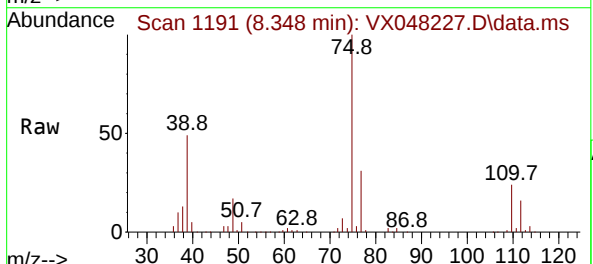
Tgt Ion: 75 Resp: 117056

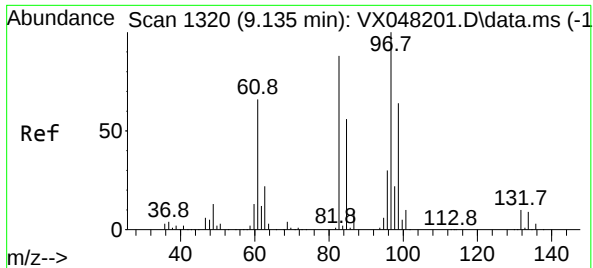
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

39 48.5 41.4 62.2

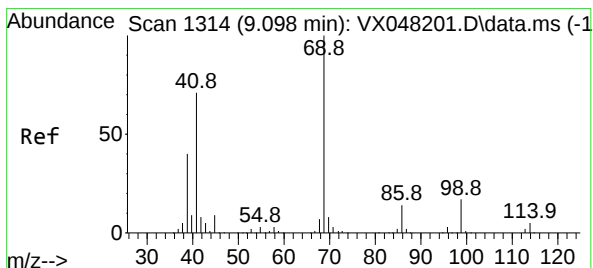
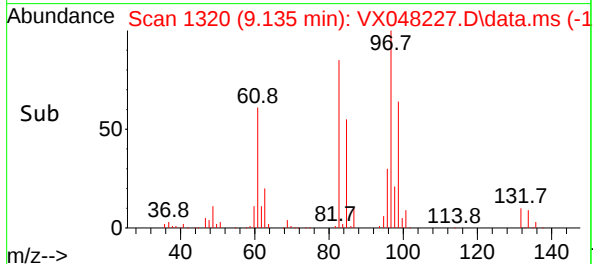
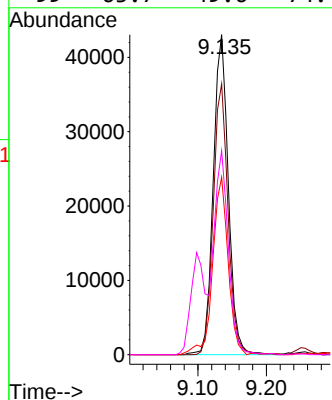
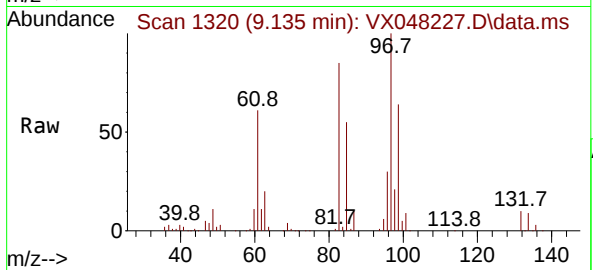




#55
1,1,2-Trichloroethane
Concen: 51.639 ug/l
RT: 9.135 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

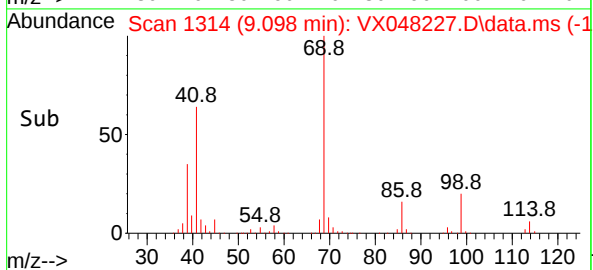
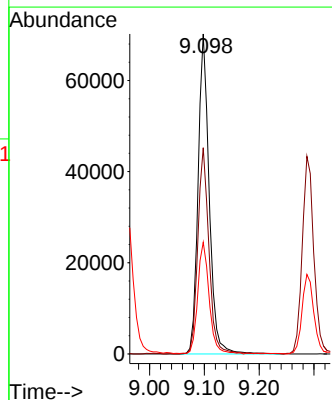
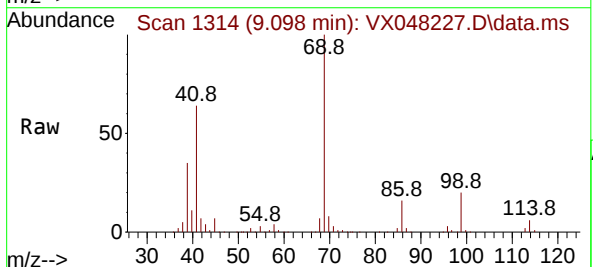
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

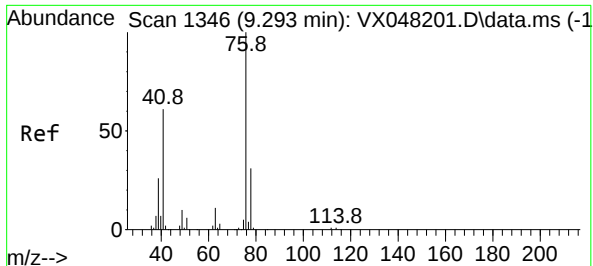
Tgt Ion:	97	Resp:	65823
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.6	104.4
85	55.4	45.0	67.6
99	63.7	49.6	74.4



#56
Ethyl methacrylate
Concen: 57.312 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion:	69	Resp:	99361
Ion	Ratio	Lower	Upper
69	100		
41	64.6	58.6	87.8
39	36.1	31.5	47.3

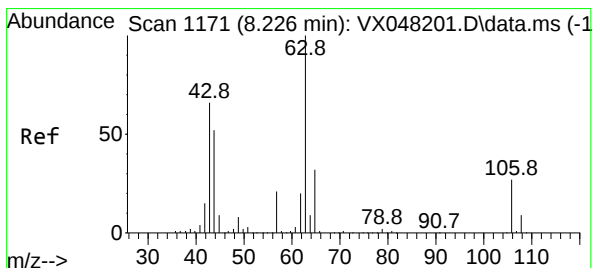
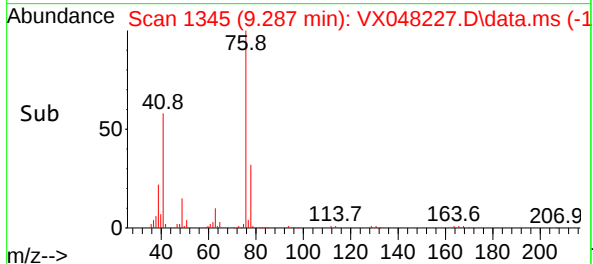
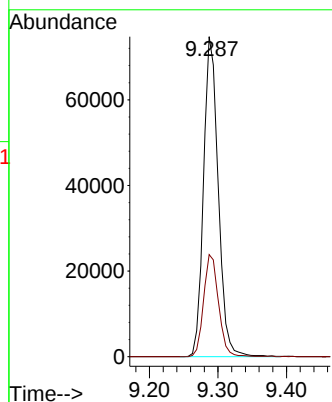
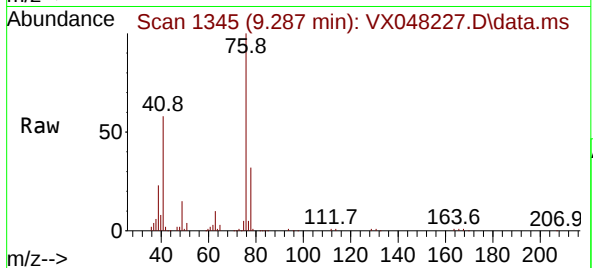




#57
1,3-Dichloropropane
Concen: 50.200 ug/l
RT: 9.287 min Scan# 111795
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

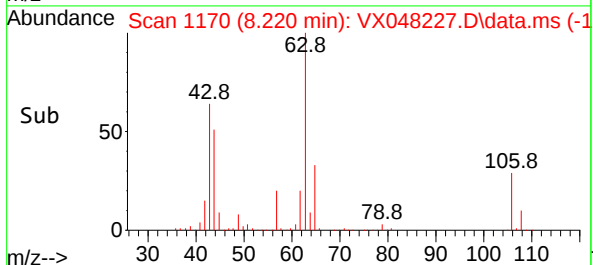
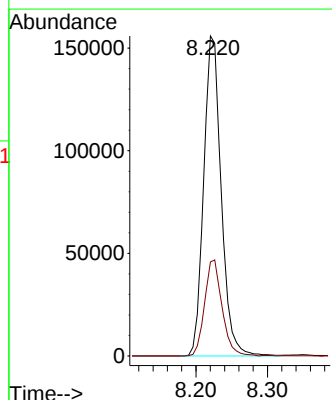
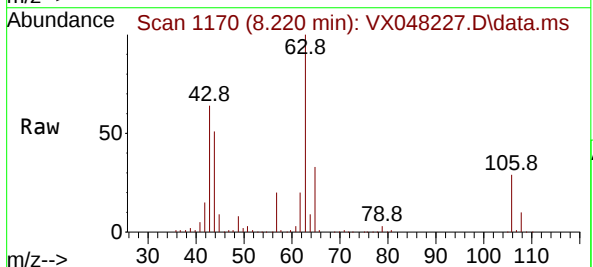
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

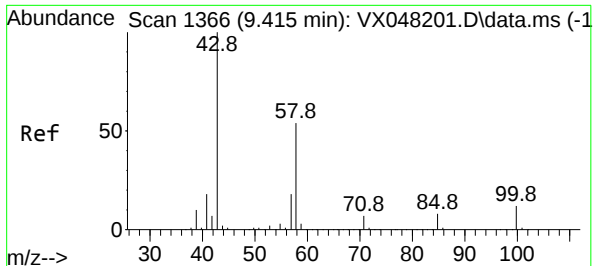
Tgt Ion: 76 Resp: 111795
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 248.547 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 63 Resp: 265380
Ion Ratio Lower Upper
63 100
106 29.9 21.9 32.9





#59

2-Hexanone

Concen: 271.133 ug/l

RT: 9.409 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

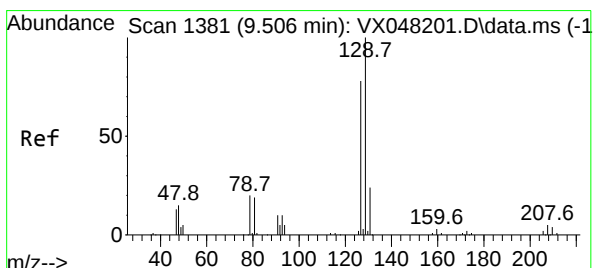
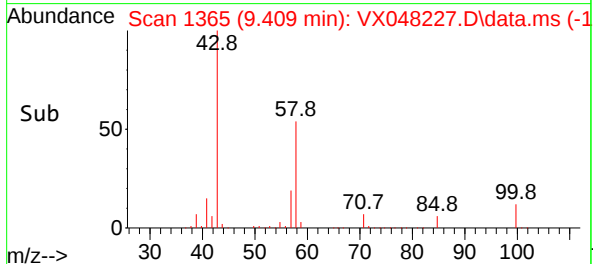
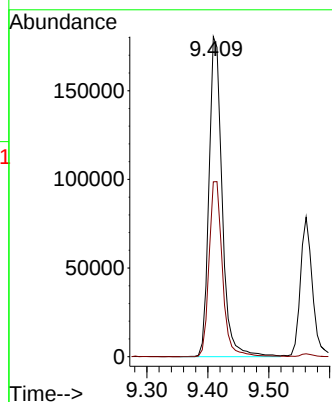
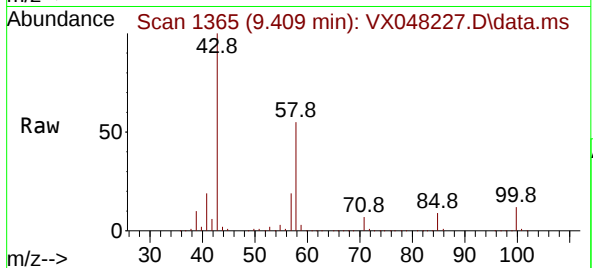
VSTDCCC050

Tgt Ion: 43 Resp: 271003

Ion Ratio Lower Upper

43 100

58 55.7 26.1 78.2



#60

Dibromochloromethane

Concen: 53.819 ug/l

RT: 9.500 min Scan# 1380

Delta R.T. -0.006 min

Lab File: VX048227.D

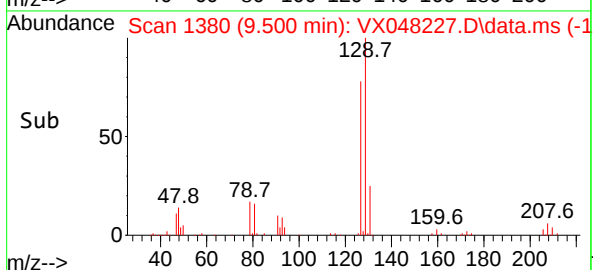
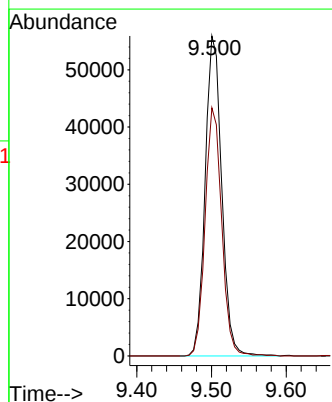
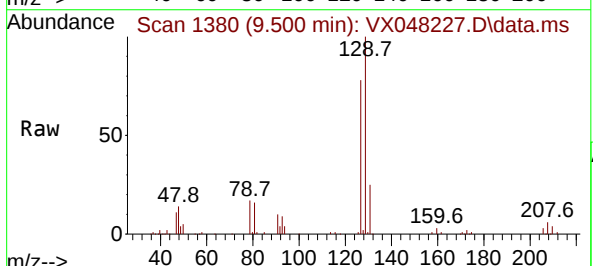
Acq: 20 Oct 2025 10:13

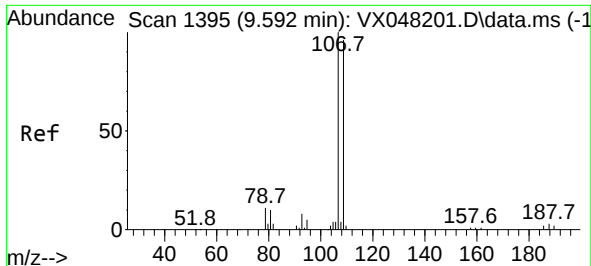
Tgt Ion:129 Resp: 85868

Ion Ratio Lower Upper

129 100

127 77.8 38.4 115.2

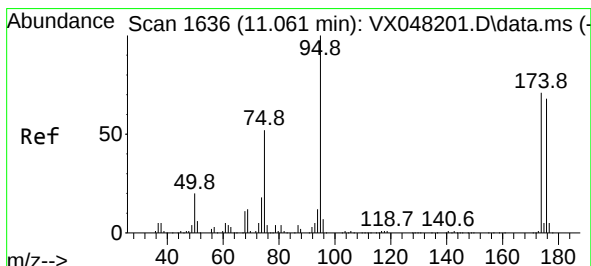
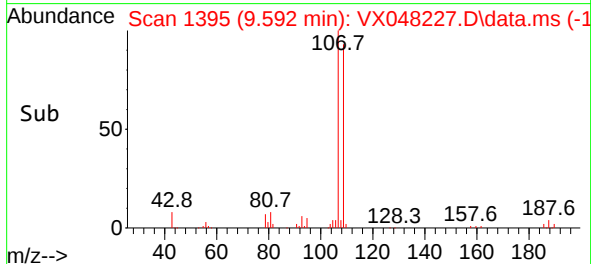
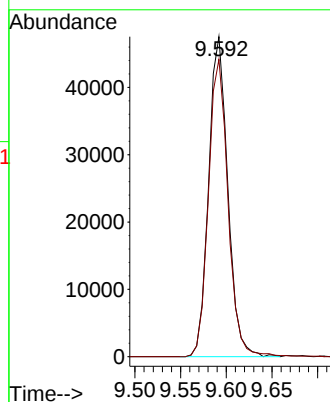
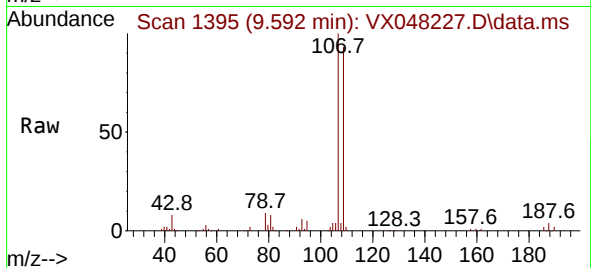




#61
1,2-Dibromoethane
Concen: 52.893 ug/l
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

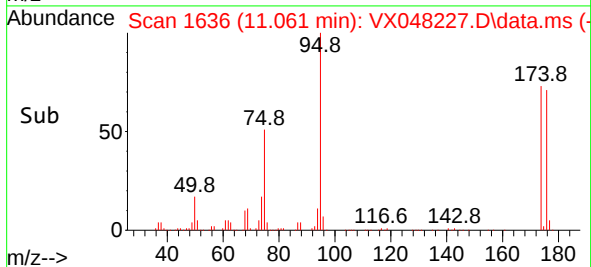
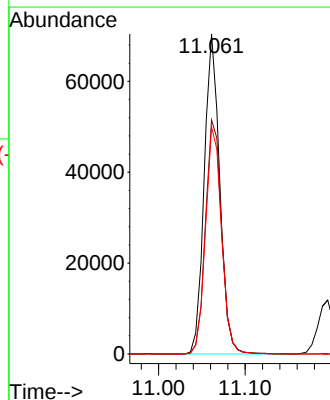
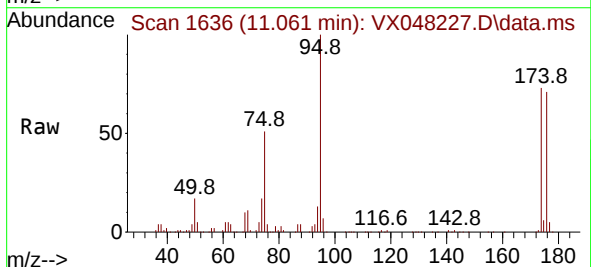
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

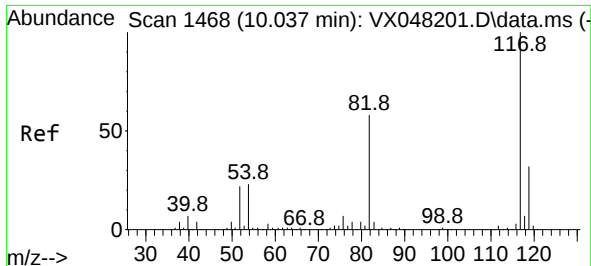
Tgt Ion:107 Resp: 69132
Ion Ratio Lower Upper
107 100
109 95.2 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 49.007 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 95 Resp: 87378
Ion Ratio Lower Upper
95 100
174 76.7 0.0 141.6
176 73.2 0.0 138.4

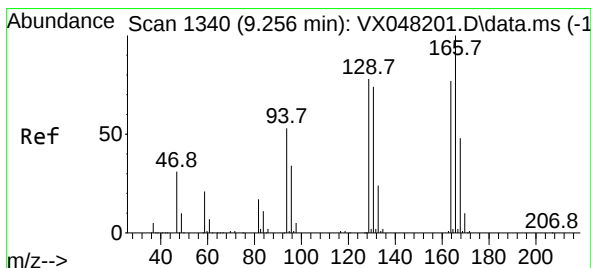
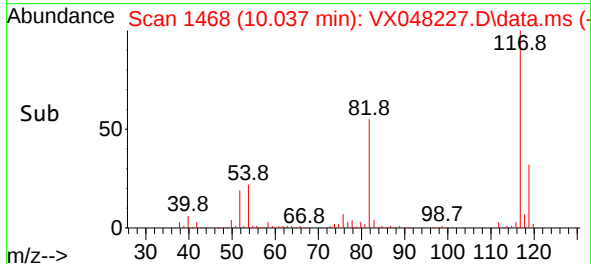
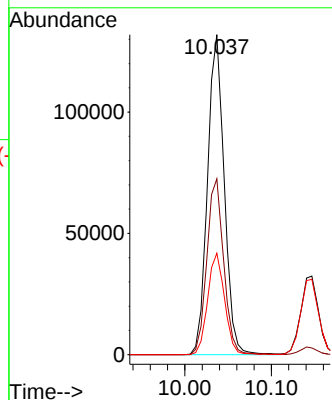
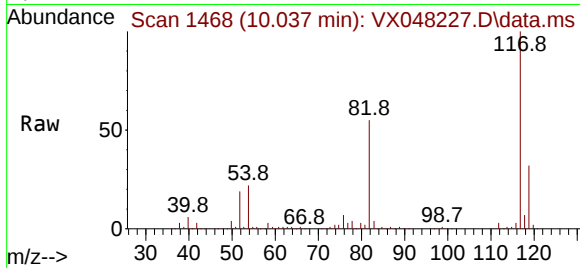




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

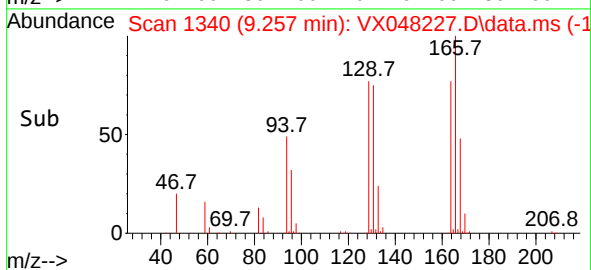
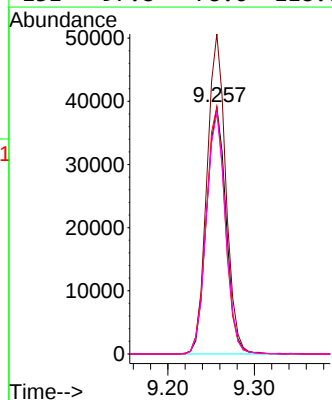
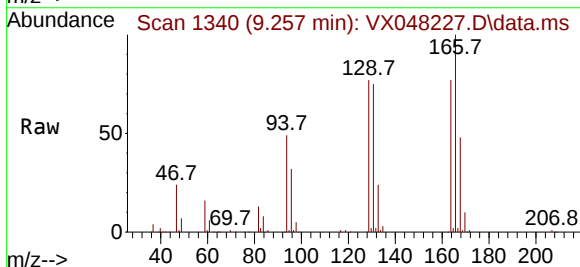
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

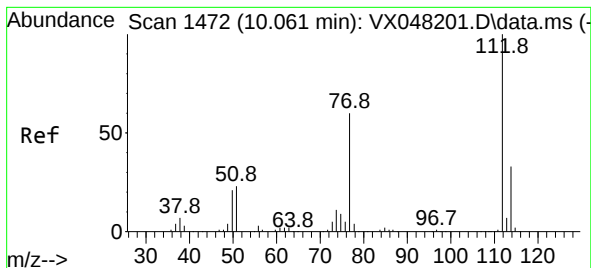
Tgt Ion:117 Resp: 177093
Ion Ratio Lower Upper
117 100
82 55.0 47.8 71.6
119 31.7 25.2 37.8



#64
Tetrachloroethene
Concen: 48.934 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion:164 Resp: 60762
Ion Ratio Lower Upper
164 100
166 129.8 100.2 150.2
129 100.2 81.8 122.6
131 97.8 78.6 118.0





#65

Chlorobenzene

Concen: 50.369 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

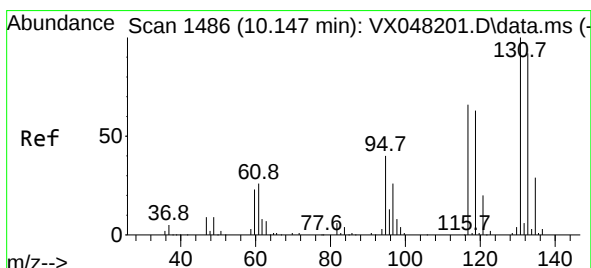
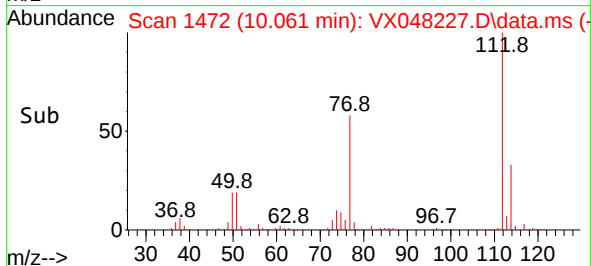
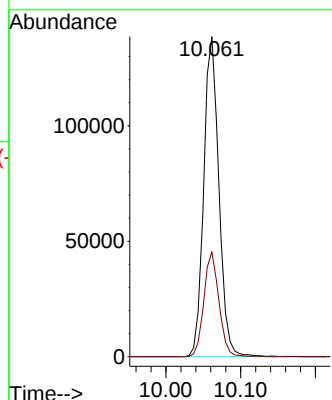
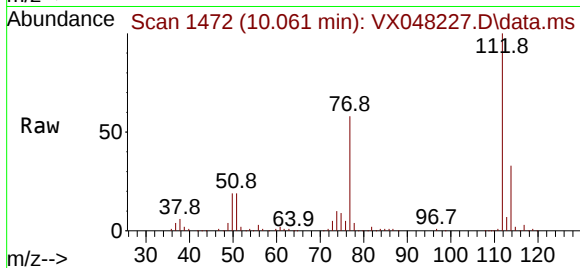
VSTDCCC050

Tgt Ion:112 Resp: 195034

Ion Ratio Lower Upper

112 100

114 32.7 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 51.298 ug/l

RT: 10.147 min Scan# 1486

Delta R.T. 0.000 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

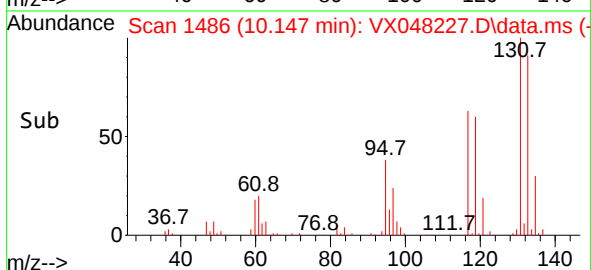
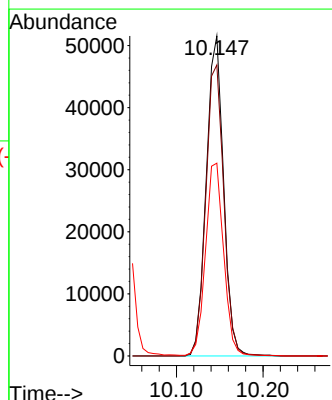
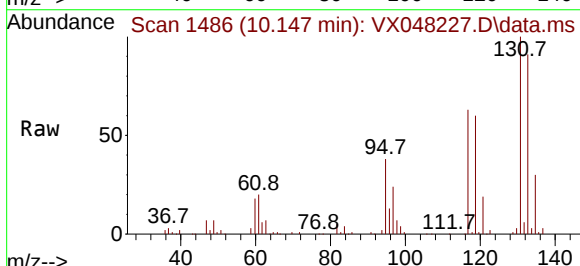
Tgt Ion:131 Resp: 71579

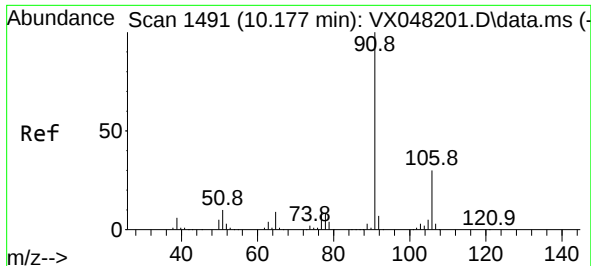
Ion Ratio Lower Upper

131 100

133 94.5 47.3 142.0

119 63.1 32.0 96.0

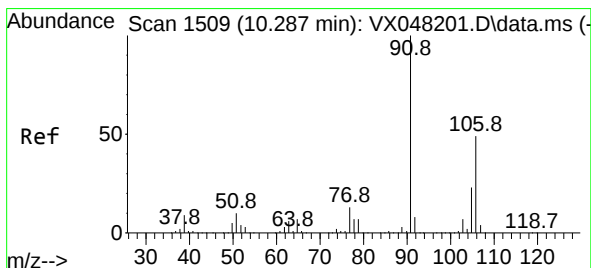
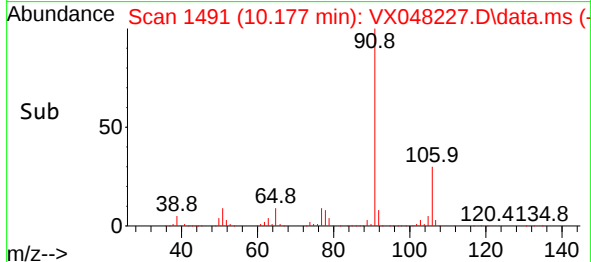
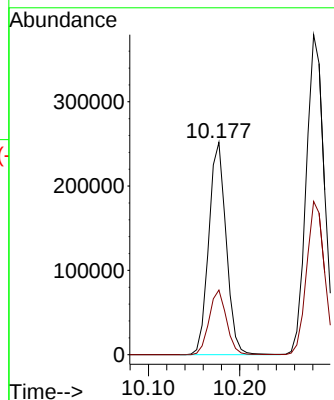
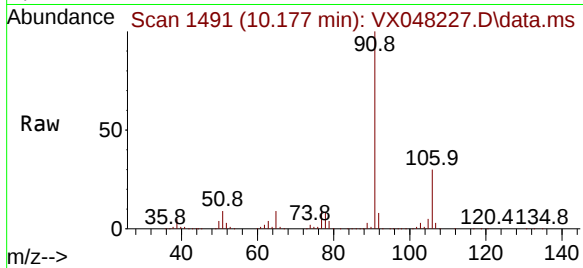




#67
Ethyl Benzene
Concen: 50.067 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

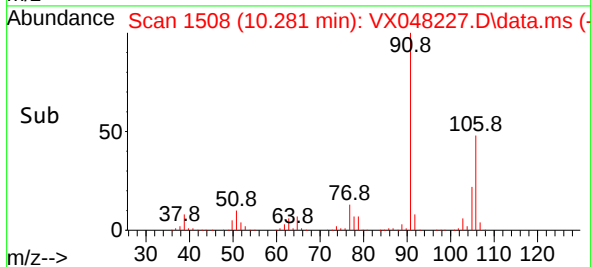
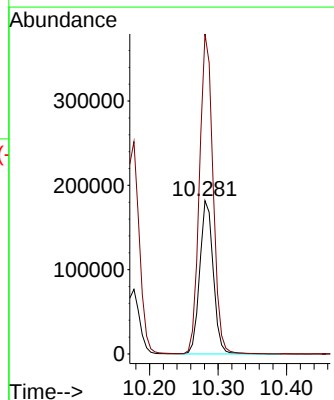
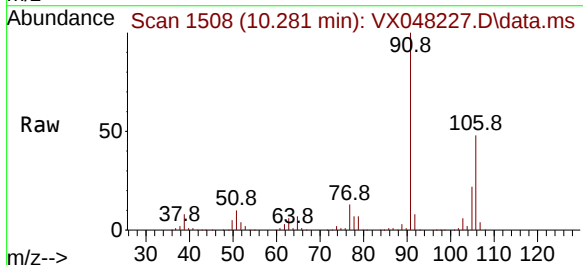
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

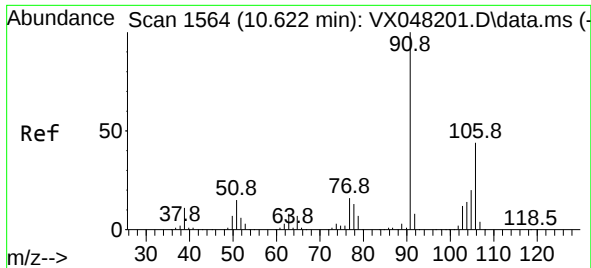
Tgt Ion: 91 Resp: 332364
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 101.062 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 106 Resp: 249933
Ion Ratio Lower Upper
106 100
91 209.9 167.8 251.8

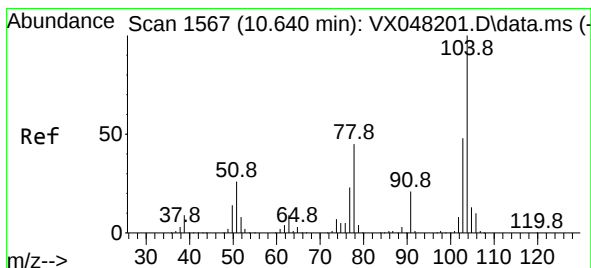
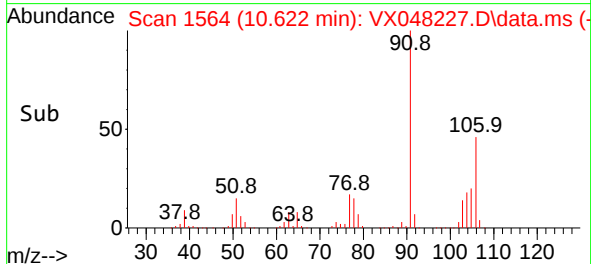
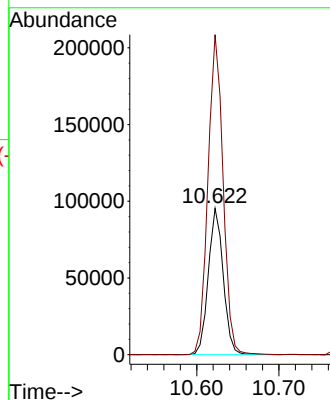
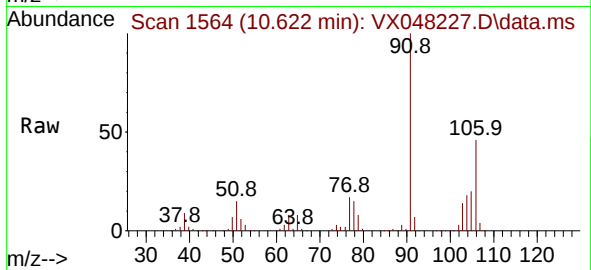




#69
o-Xylene
Concen: 51.649 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

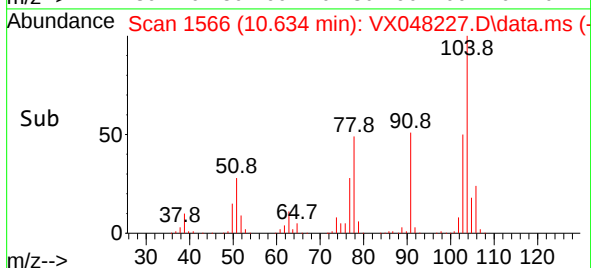
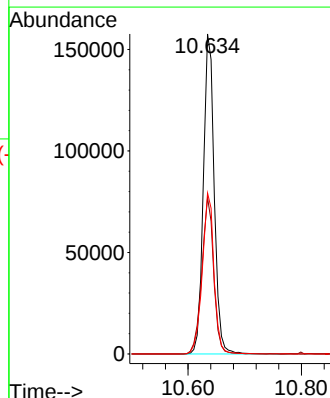
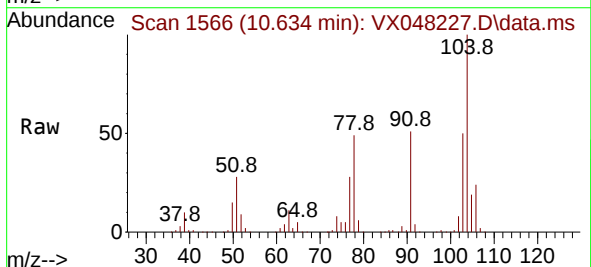
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

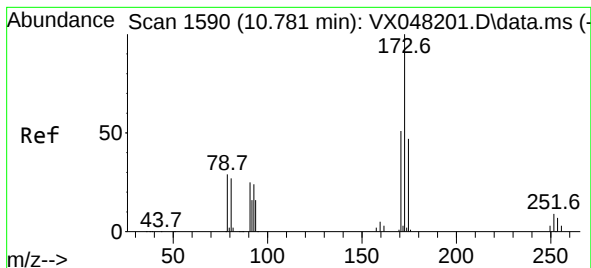
Tgt Ion:106 Resp: 120242
Ion Ratio Lower Upper
106 100
91 221.3 111.1 333.4



#70
Styrene
Concen: 52.465 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion:104 Resp: 210241
Ion Ratio Lower Upper
104 100
78 53.3 43.1 64.7
103 54.2 43.1 64.7

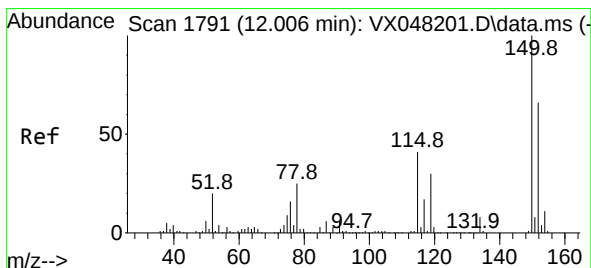
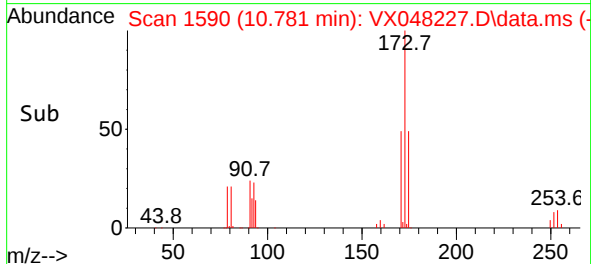
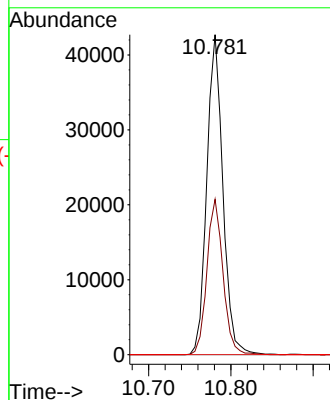
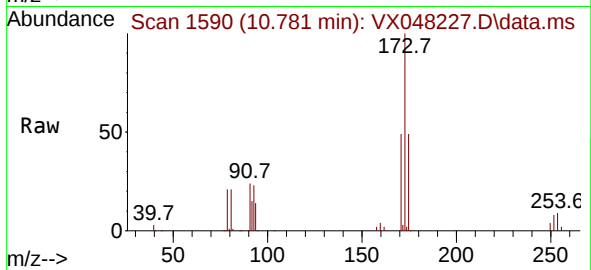




#71
Bromoform
Concen: 56.572 ug/l
RT: 10.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

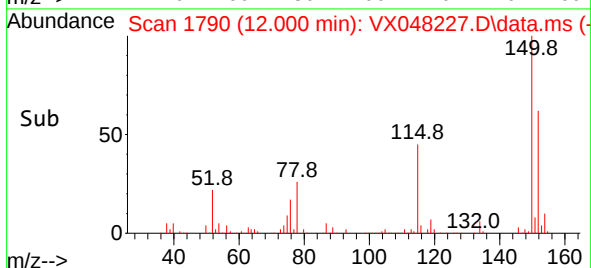
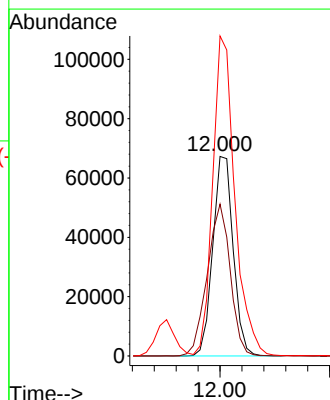
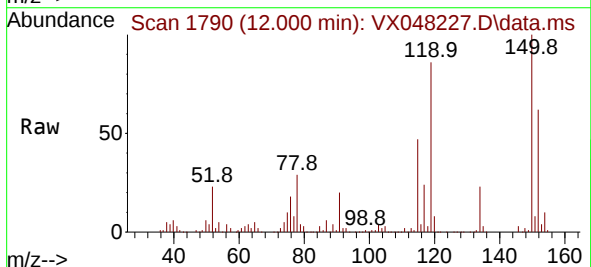
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

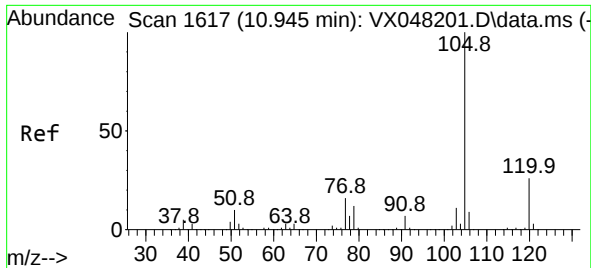
Tgt Ion:173 Resp: 57967
Ion Ratio Lower Upper
173 100
175 48.6 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion:152 Resp: 87009
Ion Ratio Lower Upper
152 100
115 85.7 44.9 134.5
150 172.9 0.0 352.0

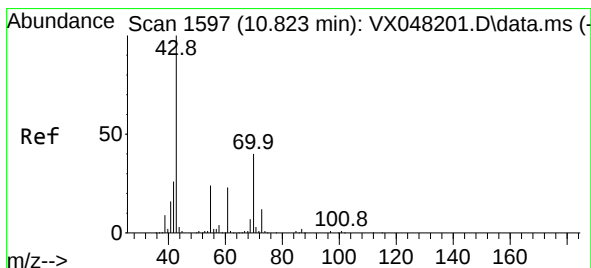
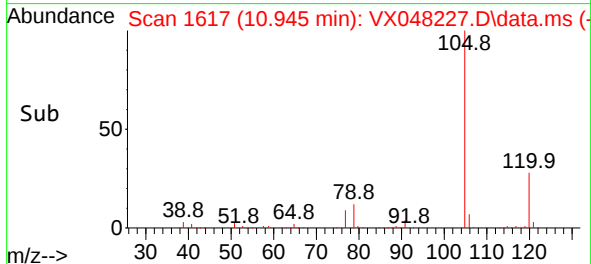
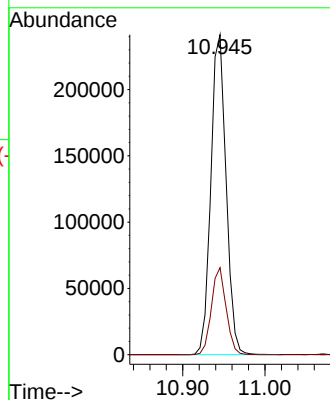
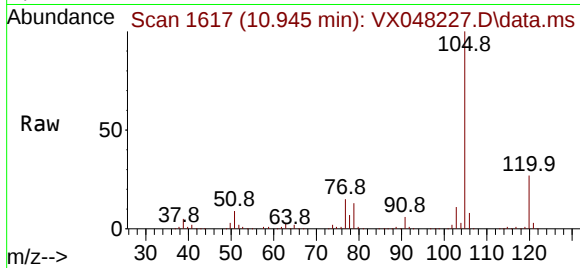




#73
Isopropylbenzene
Concen: 51.337 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

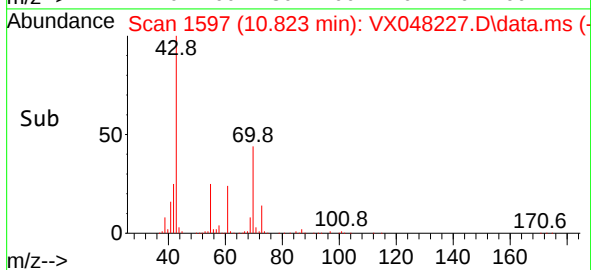
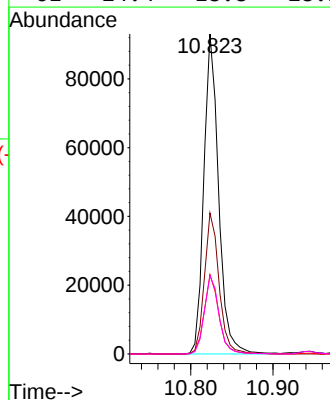
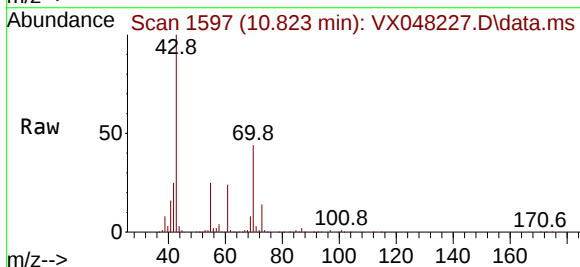
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

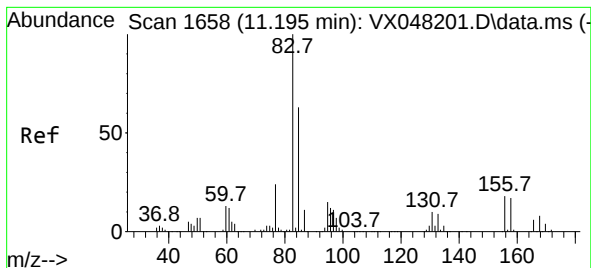
Tgt Ion:105 Resp: 310681
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4



#74
N-ethyl acetate
Concen: 51.370 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 43 Resp: 115975
Ion Ratio Lower Upper
43 100
70 43.9 32.0 48.0
55 24.6 18.9 28.3
61 24.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.368 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

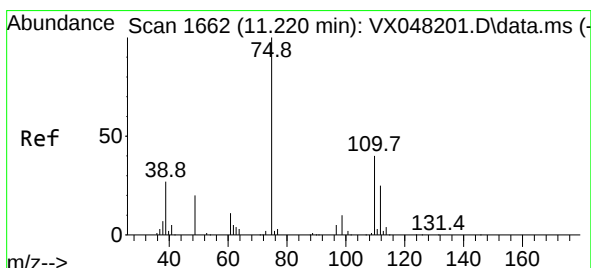
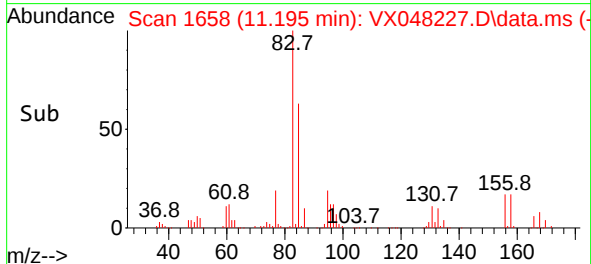
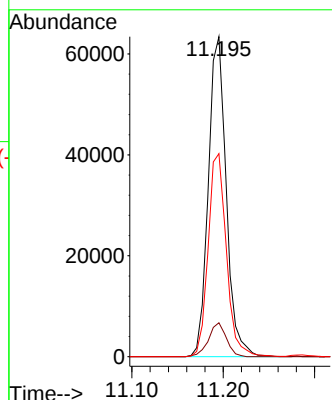
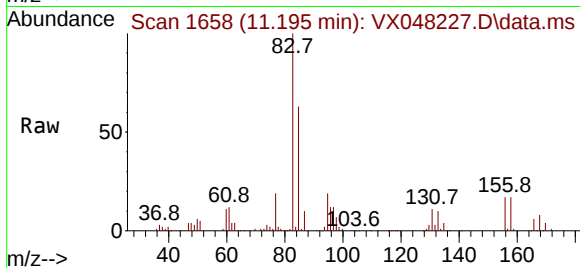
Tgt Ion: 83 Resp: 86353

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 64.7 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 53.601 ug/l

RT: 11.220 min Scan# 1662

Delta R.T. 0.000 min

Lab File: VX048227.D

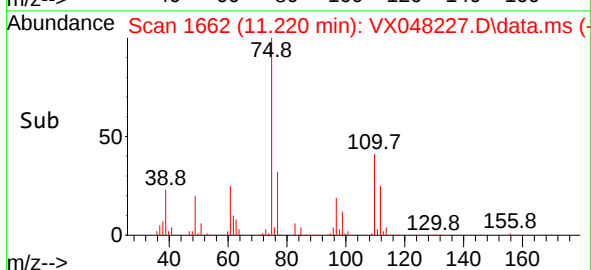
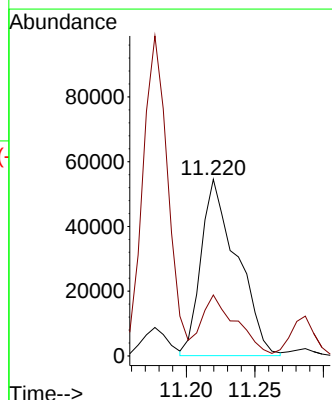
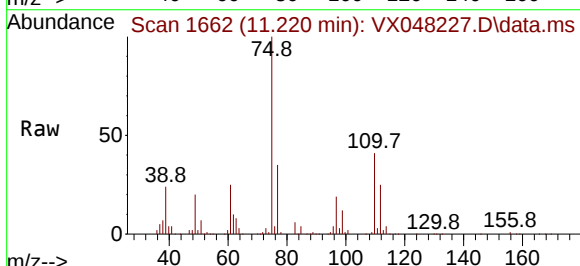
Acq: 20 Oct 2025 10:13

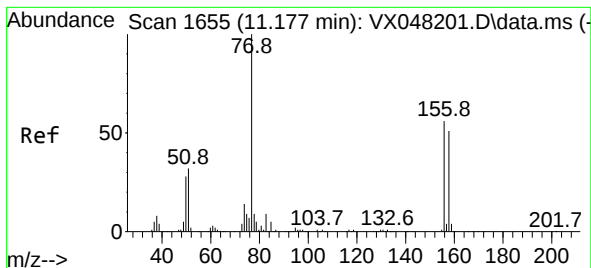
Tgt Ion: 75 Resp: 99717

Ion Ratio Lower Upper

75 100

77 33.2 18.8 56.4





#77

Bromobenzene

Concen: 52.605 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.006 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

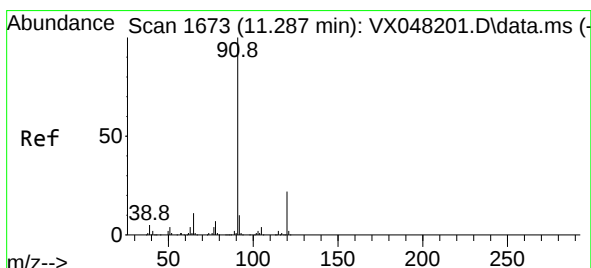
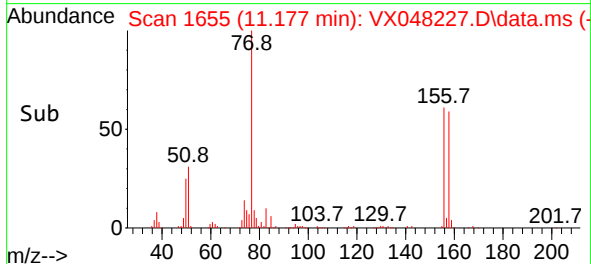
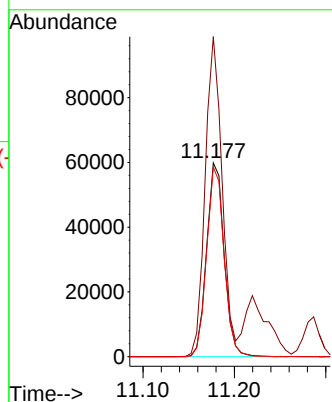
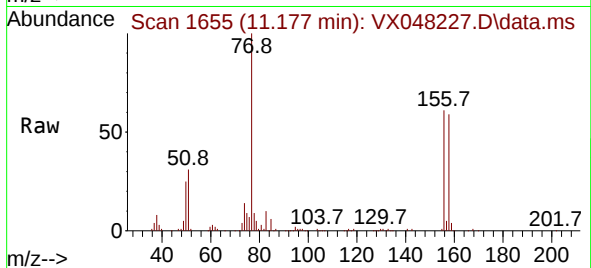
Tgt Ion:156 Resp: 79666

Ion Ratio Lower Upper

156 100

77 158.6 89.7 269.1

158 97.1 47.9 143.6



#78

n-propylbenzene

Concen: 50.192 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048227.D

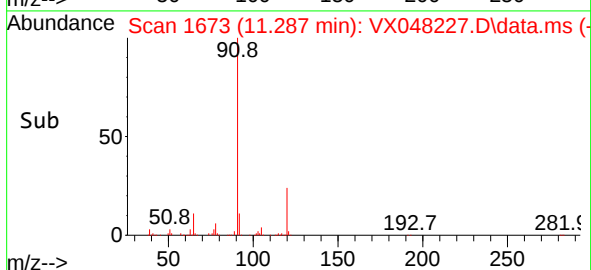
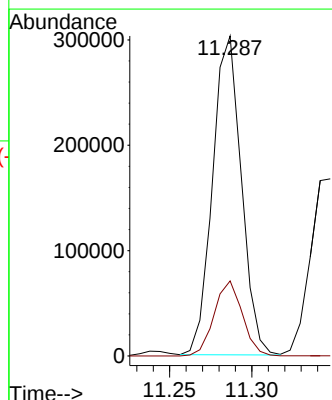
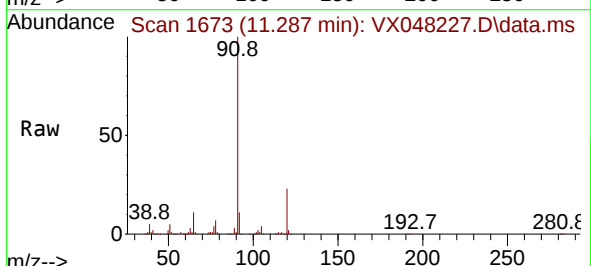
Acq: 20 Oct 2025 10:13

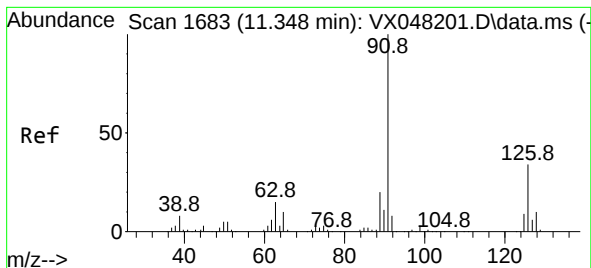
Tgt Ion: 91 Resp: 368352

Ion Ratio Lower Upper

91 100

120 23.1 11.1 33.1

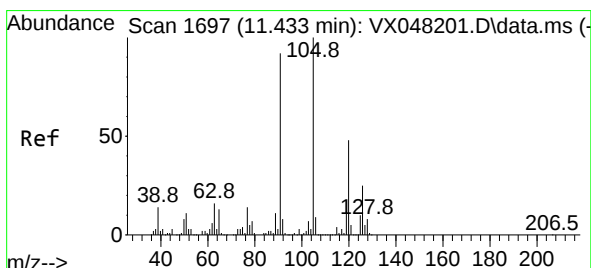
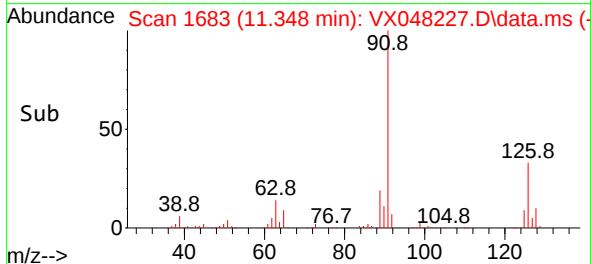
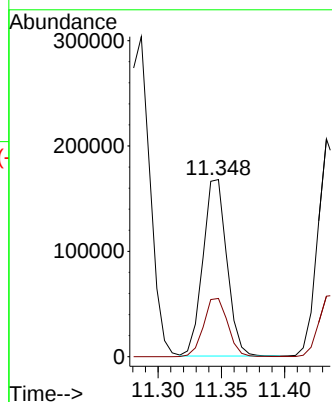
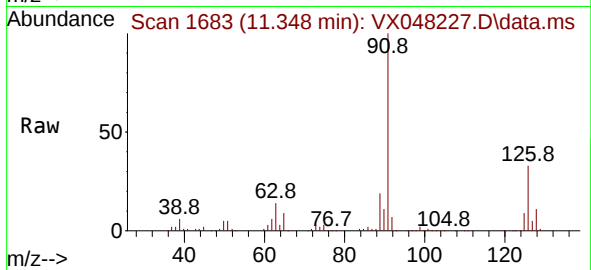




#79
2-Chlorotoluene
Concen: 49.868 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

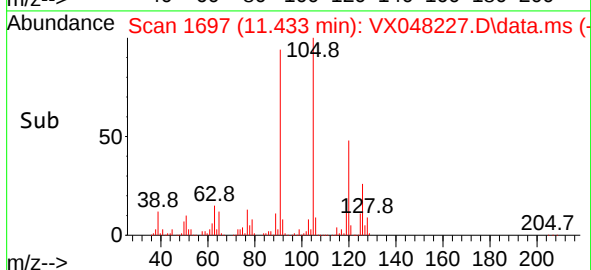
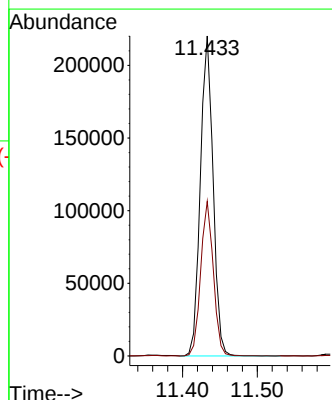
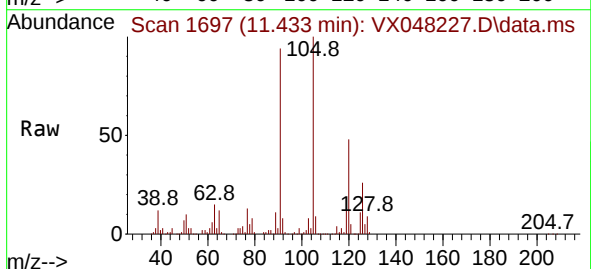
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

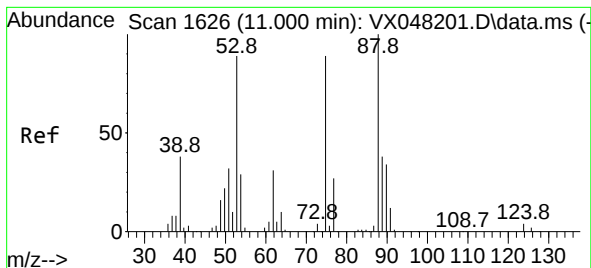
Tgt Ion: 91 Resp: 221106
Ion Ratio Lower Upper
91 100
126 33.4 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 52.390 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 105 Resp: 260249
Ion Ratio Lower Upper
105 100
120 48.0 23.6 70.8

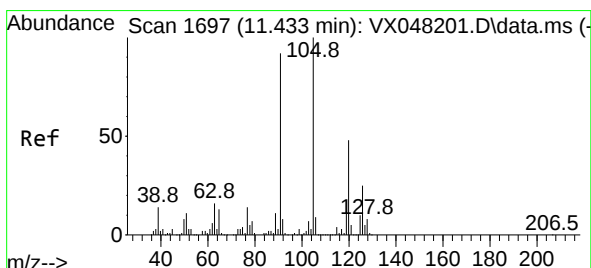
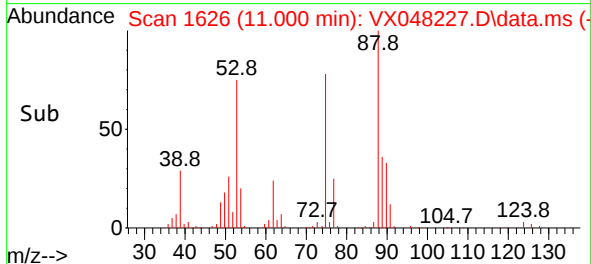
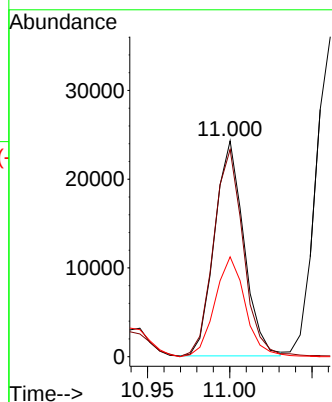
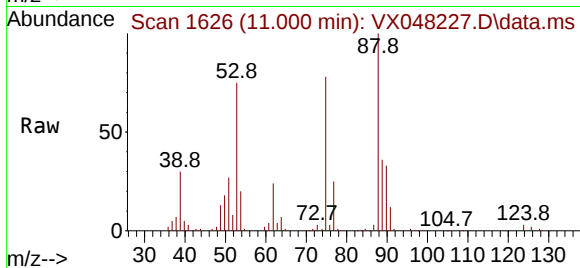




#81
trans-1,4-Dichloro-2-butene
Concen: 55.356 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

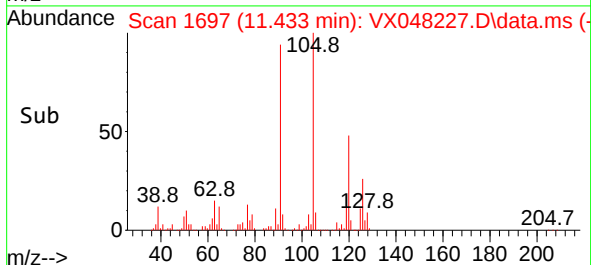
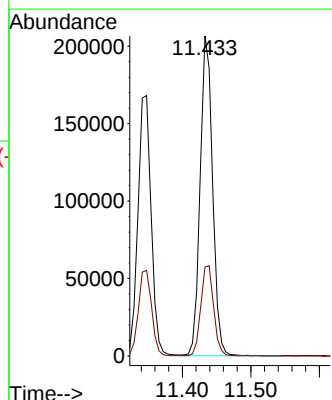
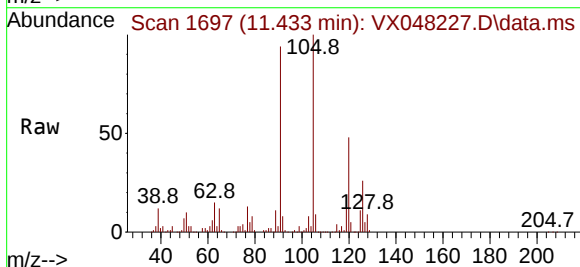
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

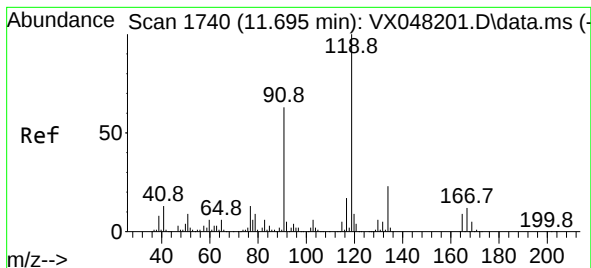
Tgt Ion: 75 Resp: 30037
Ion Ratio Lower Upper
75 100
53 98.8 83.4 125.2
89 48.1 36.3 54.5



#82
4-Chlorotoluene
Concen: 50.210 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048227.D
Acq: 20 Oct 2025 10:13

Tgt Ion: 91 Resp: 261622
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.702 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

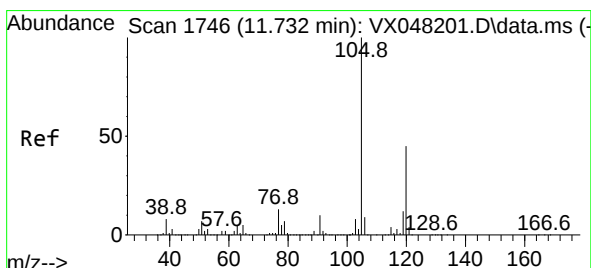
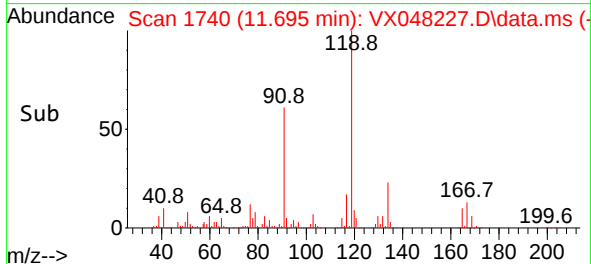
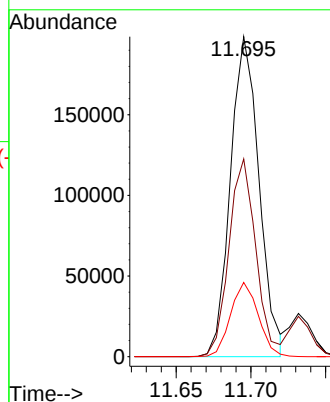
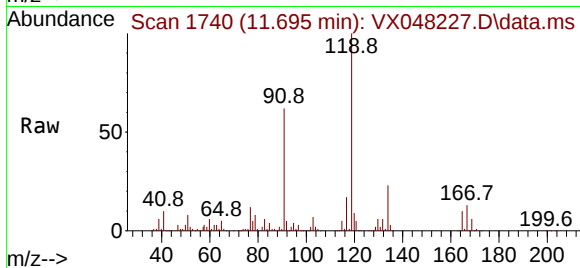
Tgt Ion:119 Resp: 264487

Ion Ratio Lower Upper

119 100

91 58.2 29.6 88.8

134 22.5 11.0 33.0



#84

1,2,4-Trimethylbenzene

Concen: 53.117 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048227.D

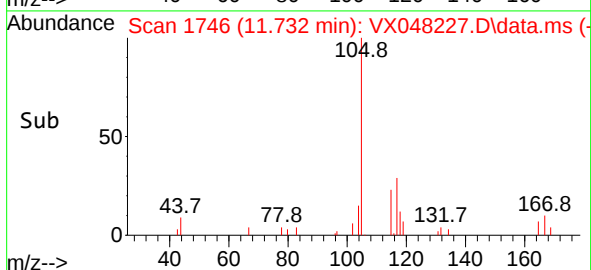
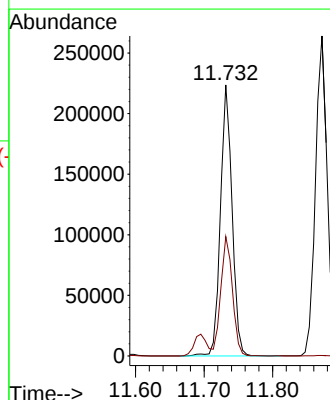
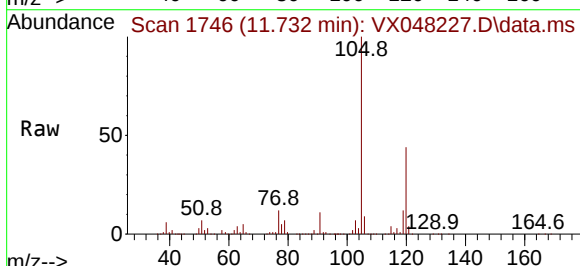
Acq: 20 Oct 2025 10:13

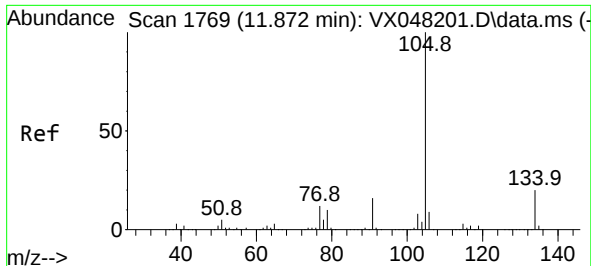
Tgt Ion:105 Resp: 262740

Ion Ratio Lower Upper

105 100

120 43.7 22.1 66.1

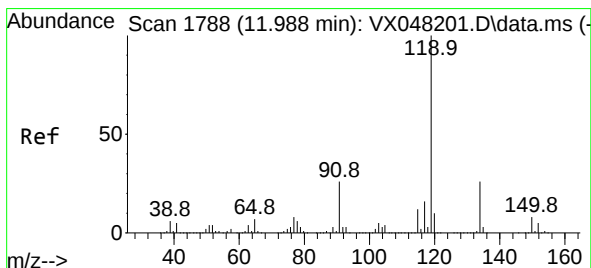
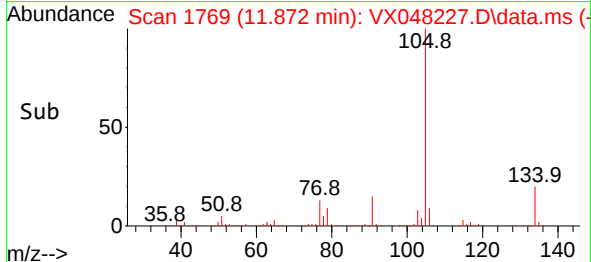
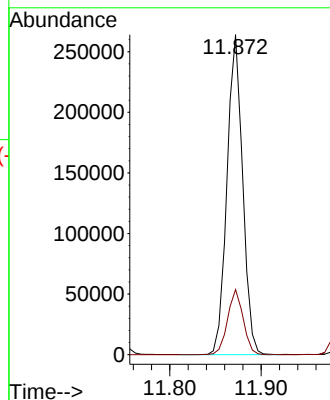
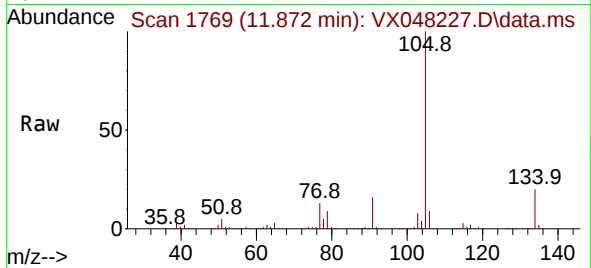




#85
 sec-Butylbenzene
 Concen: 51.343 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048227.D
 Acq: 20 Oct 2025 10:13

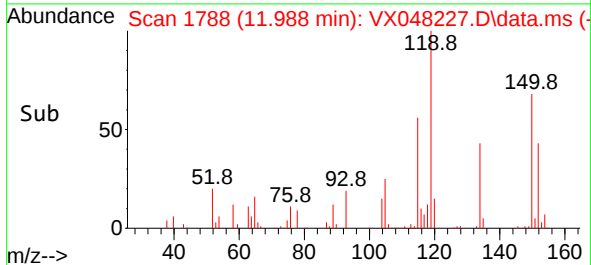
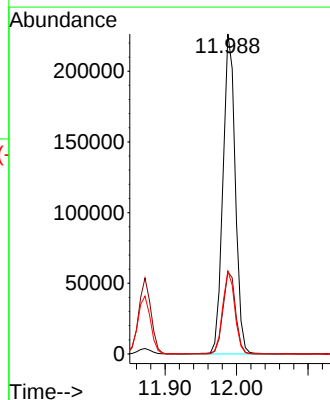
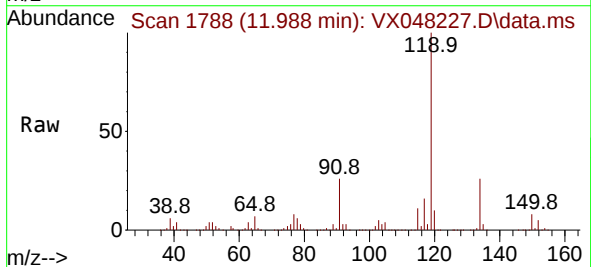
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

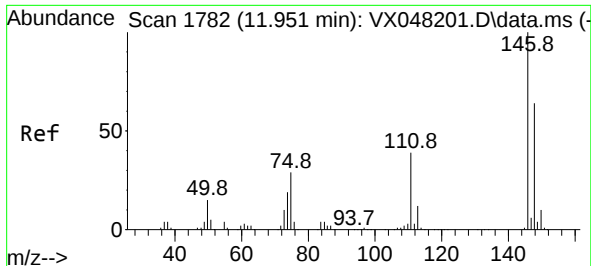
Tgt Ion:105 Resp: 315008
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 52.521 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX048227.D
 Acq: 20 Oct 2025 10:13

Tgt Ion:119 Resp: 271611
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 25.6 12.6 37.6

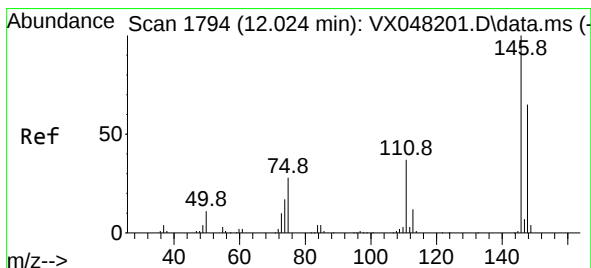
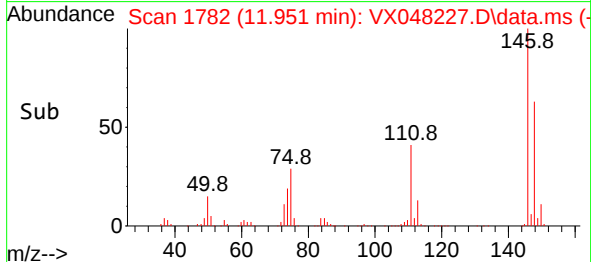
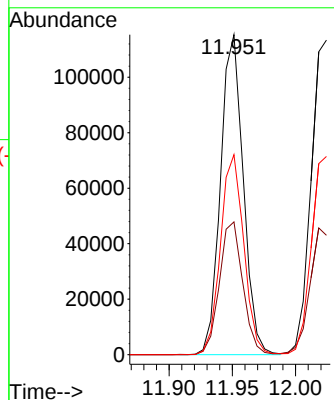
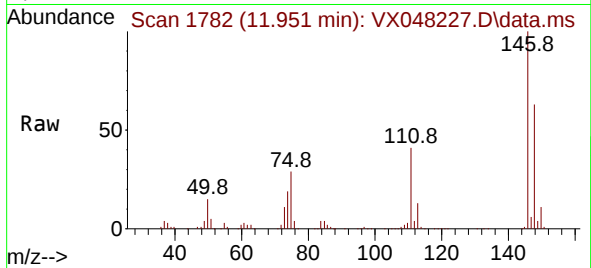




#87
 1,3-Dichlorobenzene
 Concen: 50.872 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. 0.000 min
 Lab File: VX048227.D
 Acq: 20 Oct 2025 10:13

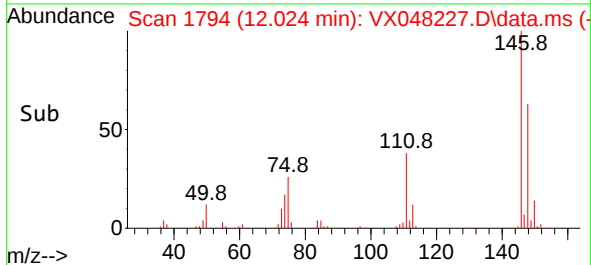
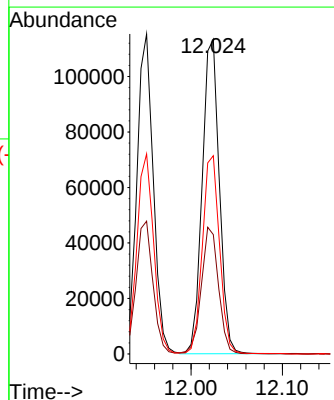
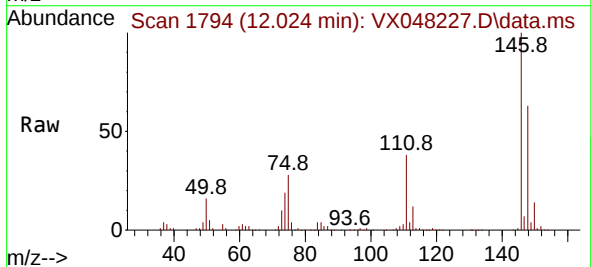
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

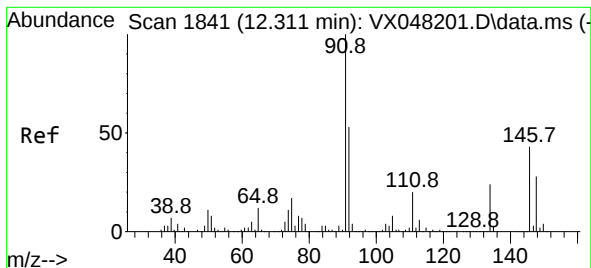
Tgt Ion:146 Resp: 144077
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.5 64.5
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.300 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX048227.D
 Acq: 20 Oct 2025 10:13

Tgt Ion:146 Resp: 147678
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.8 62.4
 148 63.5 31.7 95.1





#89

n-Butylbenzene

Concen: 50.077 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

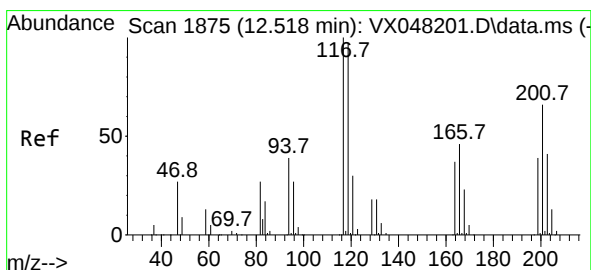
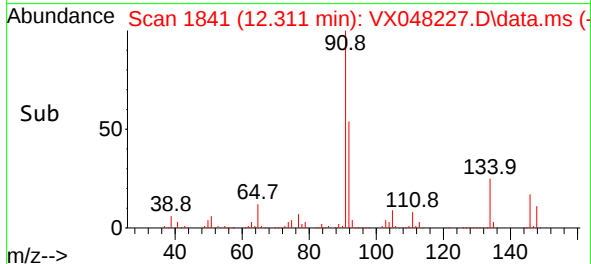
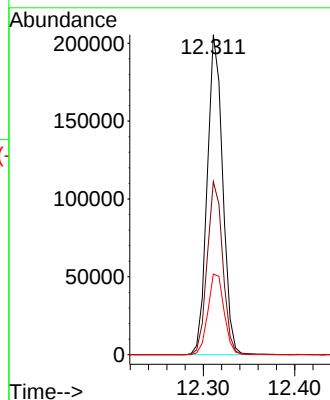
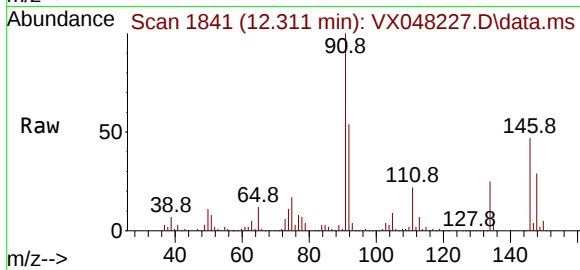
Tgt Ion: 91 Resp: 241212

Ion Ratio Lower Upper

91 100

92 54.2 27.6 82.7

134 26.5 12.6 37.8



#90

Hexachloroethane

Concen: 48.087 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048227.D

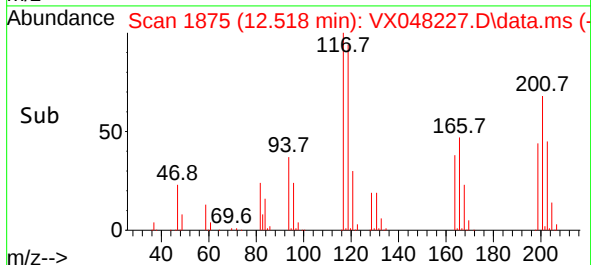
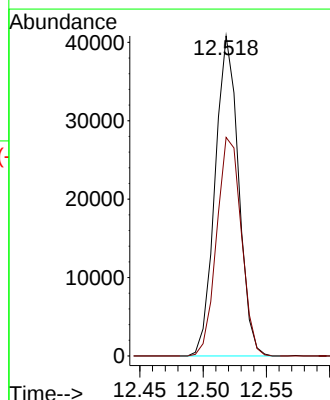
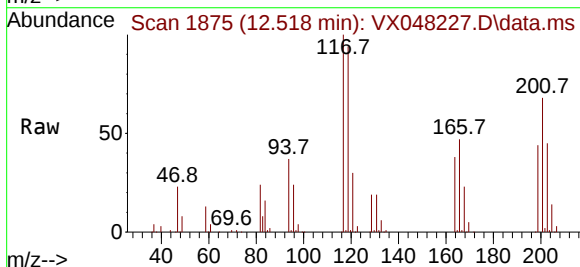
Acq: 20 Oct 2025 10:13

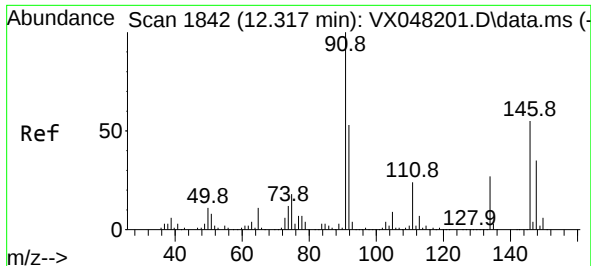
Tgt Ion: 117 Resp: 52489

Ion Ratio Lower Upper

117 100

201 71.8 34.2 102.5

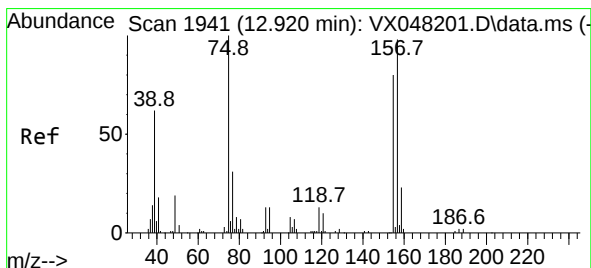
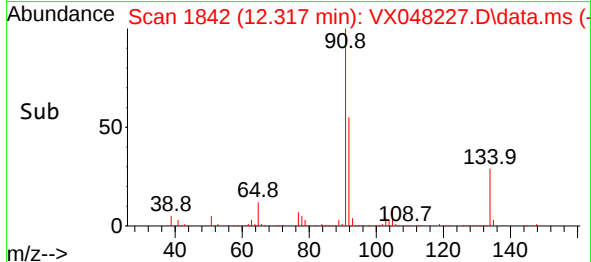
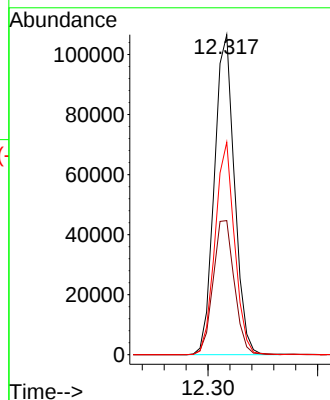
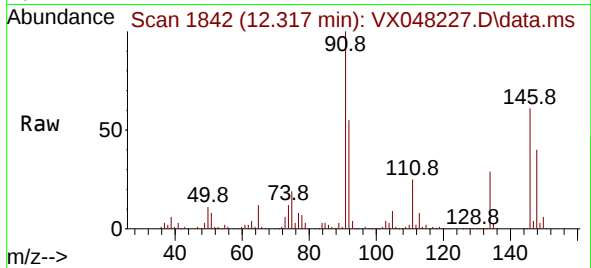




#91
 1,2-Dichlorobenzene
 Concen: 50.805 ug/l
 RT: 12.317 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VX048227.D
 Acq: 20 Oct 2025 10:13

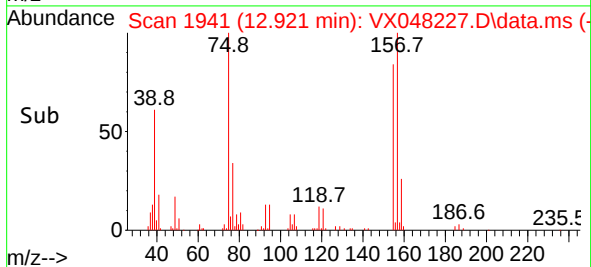
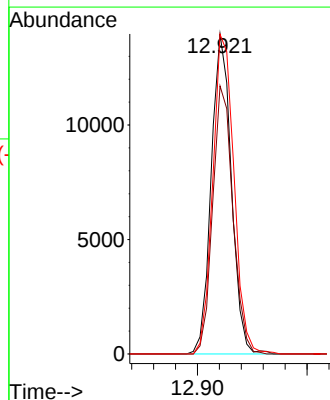
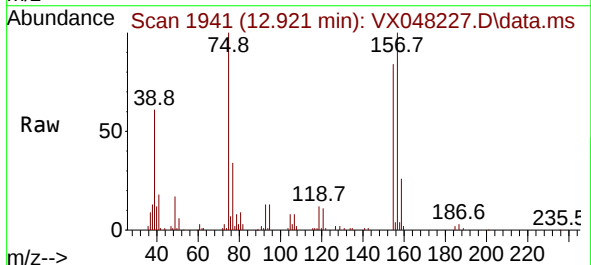
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

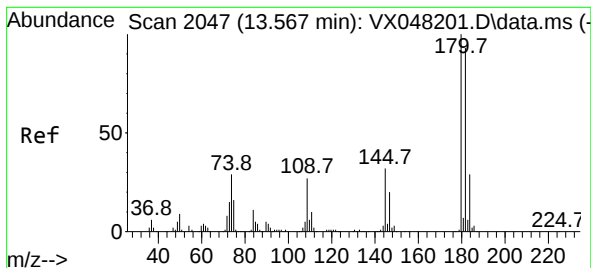
Tgt Ion:146 Resp: 135946
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.2 66.6
 148 64.4 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.765 ug/l
 RT: 12.921 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: VX048227.D
 Acq: 20 Oct 2025 10:13

Tgt Ion: 75 Resp: 17783
 Ion Ratio Lower Upper
 75 100
 155 84.2 37.7 113.1
 157 105.4 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 55.724 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

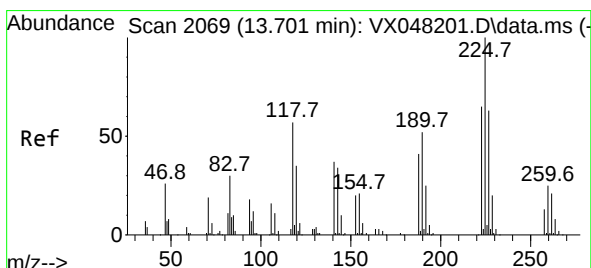
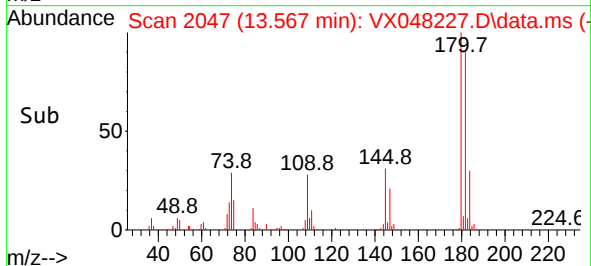
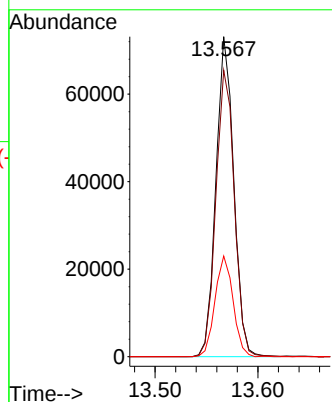
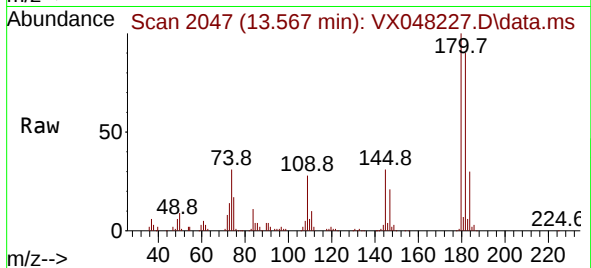
Tgt Ion:180 Resp: 88025

Ion Ratio Lower Upper

180 100

182 92.7 46.6 139.8

145 31.9 16.4 49.1



#94

Hexachlorobutadiene

Concen: 57.030 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

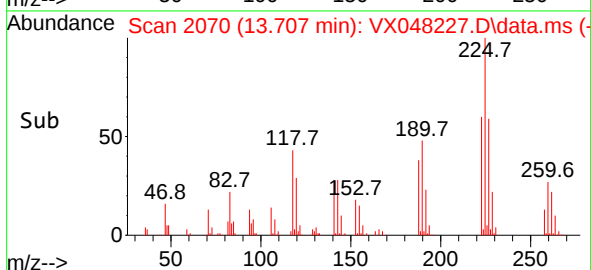
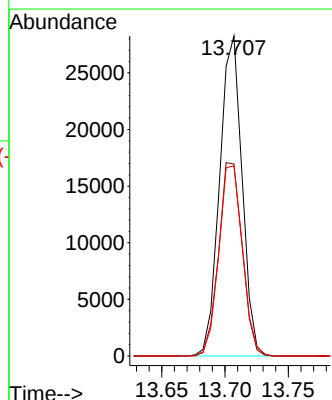
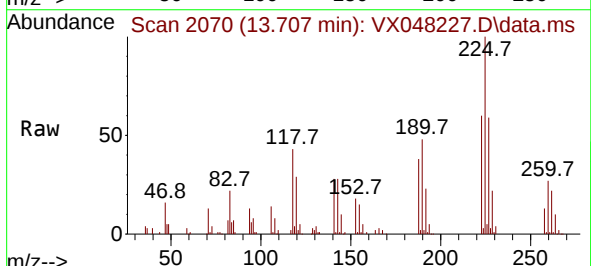
Tgt Ion:225 Resp: 34744

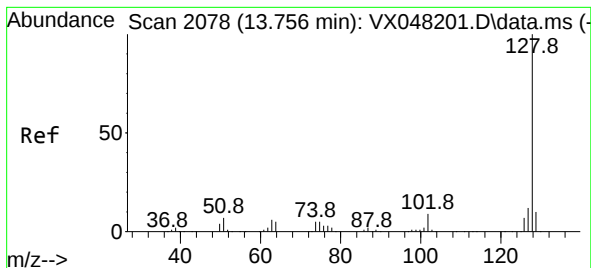
Ion Ratio Lower Upper

225 100

223 63.3 31.7 95.1

227 62.8 32.0 96.0





#95

Naphthalene

Concen: 60.880 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

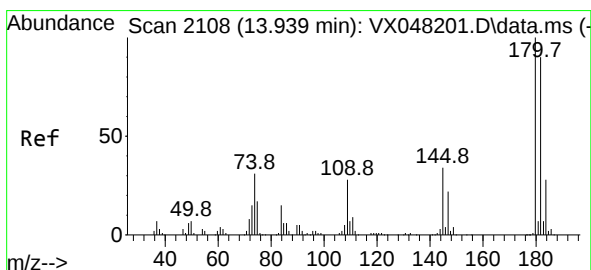
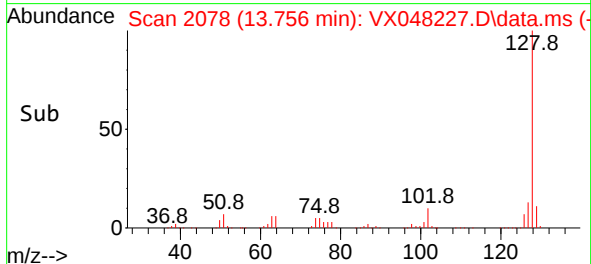
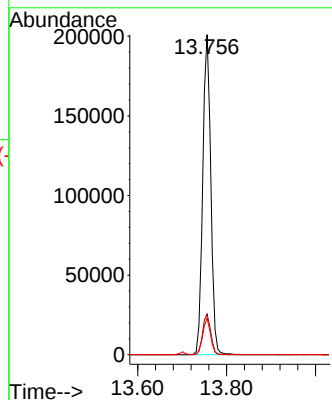
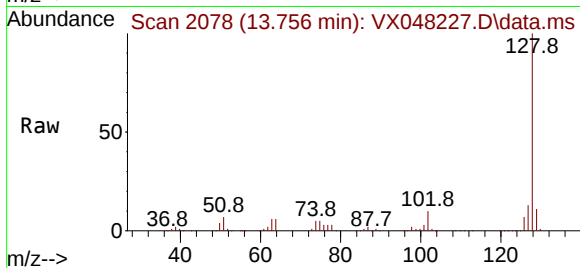
Tgt Ion:128 Resp: 253503

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 56.618 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048227.D

Acq: 20 Oct 2025 10:13

Tgt Ion:180 Resp: 82518

Ion Ratio Lower Upper

180 100

182 96.7 47.6 142.8

145 35.1 17.9 53.7

