

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102825\
 Data File : VX048382.D
 Acq On : 28 Oct 2025 08:33
 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 29 01:11:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	144737	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	239336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	211048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	102008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	101061	49.801	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.600%		
35) Dibromofluoromethane	5.361	113	65936	40.354	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	80.700%		
50) Toluene-d8	8.628	98	270013	47.146	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.300%		
62) 4-Bromofluorobenzene	11.061	95	101509	46.590	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	72308	48.597	ug/l	97
3) Chloromethane	1.300	50	39342	28.327	ug/l	97
4) Vinyl Chloride	1.380	62	99946	77.714	ug/l	99
5) Bromomethane	1.611	94	37111	42.520	ug/l	100
6) Chloroethane	1.691	64	62223	82.336	ug/l	95
7) Trichlorofluoromethane	1.892	101	165827	67.232	ug/l	99
8) Diethyl Ether	2.130	74	60156	86.679	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	89864	57.535	ug/l	99
10) Methyl Iodide	2.453	142	334748	170.484	ug/l	99
11) Tert butyl alcohol	2.934	59	47152	234.022	ug/l	99
12) 1,1-Dichloroethene	2.325	96	88998	58.569	ug/l	96
13) Acrolein	2.233	56	60963	296.668	ug/l	96
14) Allyl chloride	2.660	41	153931	61.015	ug/l	97
15) Acrylonitrile	3.050	53	204630	281.652	ug/l	99
16) Acetone	2.367	43	104143	149.594	ug/l	97
17) Carbon Disulfide	2.514	76	239528	50.016	ug/l	99
18) Methyl Acetate	2.697	43	93135	64.059	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	305866	59.003	ug/l	97
20) Methylene Chloride	2.788	84	99350	58.569	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	95212	57.042	ug/l	98
22) Diisopropyl ether	3.745	45	337347	67.042	ug/l	91
23) Vinyl Acetate	3.702	43	1148683	285.778	ug/l	99
24) 1,1-Dichloroethane	3.599	63	183952	60.459	ug/l	98
25) 2-Butanone	4.525	43	181964	206.502	ug/l	98
26) 2,2-Dichloropropane	4.458	77	159622	58.123	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	113710	58.373	ug/l	99
28) Bromochloromethane	4.879	49	76809	60.883	ug/l	99
29) Tetrahydrofuran	4.977	42	141069	267.309	ug/l	96
30) Chloroform	5.068	83	189968	58.440	ug/l	97
31) Cyclohexane	5.452	56	144190	57.241	ug/l	93
32) 1,1,1-Trichloroethane	5.361	97	163641	54.622	ug/l	99
36) 1,1-Dichloropropene	5.672	75	123194	53.047	ug/l	98
37) Ethyl Acetate	4.684	43	109103	56.679	ug/l	97
38) Carbon Tetrachloride	5.659	117	140102	48.898	ug/l	99
39) Methylcyclohexane	7.360	83	146198	53.305	ug/l	98
40) Benzene	6.013	78	372431	55.236	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	55564	54.966	ug/l	94
42) 1,2-Dichloroethane	6.062	62	140896	56.629	ug/l	100
43) Isopropyl Acetate	6.312	43	181976	57.552	ug/l	99
44) Trichloroethene	7.104	130	95686	53.745	ug/l	96
45) 1,2-Dichloropropane	7.409	63	95598	59.634	ug/l	98
46) Dibromomethane	7.562	93	67883	54.353	ug/l	99
47) Bromodichloromethane	7.799	83	147253	54.607	ug/l	98
48) Methyl methacrylate	7.671	41	90102	56.472	ug/l	98
49) 1,4-Dioxane	7.635	88	20052	951.275	ug/l	97
51) 4-Methyl-2-Pentanone	8.549	43	487998	267.681	ug/l	98
52) Toluene	8.702	92	232745	54.336	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	133796	51.487	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	140501	50.113	ug/l	97
55) 1,1,2-Trichloroethane	9.134	97	85923	53.940	ug/l	97
56) Ethyl methacrylate	9.098	69	126438	54.267	ug/l	99
57) 1,3-Dichloropropane	9.287	76	150097	55.164	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	384130	306.233	ug/l	99
59) 2-Hexanone	9.409	43	295802	232.695	ug/l	100
60) Dibromochloromethane	9.500	129	106921	49.940	ug/l	99
61) 1,2-Dibromoethane	9.592	107	88511	52.121	ug/l	96
64) Tetrachloroethene	9.256	164	86781	55.081	ug/l	96
65) Chlorobenzene	10.061	112	254904	53.692	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	91394	52.412	ug/l	99
67) Ethyl Benzene	10.177	91	439762	54.405	ug/l	97
68) m/p-Xylenes	10.281	106	332760	110.800	ug/l	99
69) o-Xylene	10.622	106	160210	55.255	ug/l	98
70) Styrene	10.634	104	275361	55.774	ug/l	99
71) Bromoform	10.780	173	65468	46.975	ug/l #	100
73) Isopropylbenzene	10.945	105	411618	55.246	ug/l	100
74) N-amyl acetate	10.823	43	156128	59.076	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	105165	51.686	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	110691	66.914	ug/l	86
77) Bromobenzene	11.177	156	100477	53.783	ug/l	99
78) n-propylbenzene	11.286	91	496966	57.608	ug/l	99
79) 2-Chlorotoluene	11.341	91	290751	55.591	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	340699	55.256	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	24617	36.205	ug/l #	64
82) 4-Chlorotoluene	11.433	91	348392	56.113	ug/l	99
83) tert-Butylbenzene	11.695	119	337702	53.306	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	342744	55.700	ug/l	100
85) sec-Butylbenzene	11.872	105	429387	56.336	ug/l	99
86) p-Isopropyltoluene	11.988	119	360055	54.654	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	182928	51.941	ug/l	98
88) 1,4-Dichlorobenzene	12.018	146	184298	50.513	ug/l	99
89) n-Butylbenzene	12.311	91	333834	55.673	ug/l	100
90) Hexachloroethane	12.518	117	63174	48.559	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	173412	52.444	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	20870	50.532	ug/l	92
93) 1,2,4-Trichlorobenzene	13.567	180	115862	51.813	ug/l	99
94) Hexachlorobutadiene	13.707	225	45721	54.558	ug/l	98
95) Naphthalene	13.756	128	304504	51.398	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	105934	51.626	ug/l	98

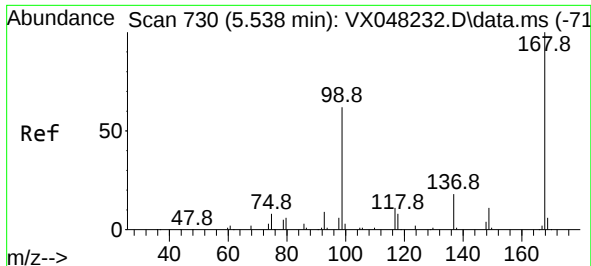
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Response via : Initial Calibration

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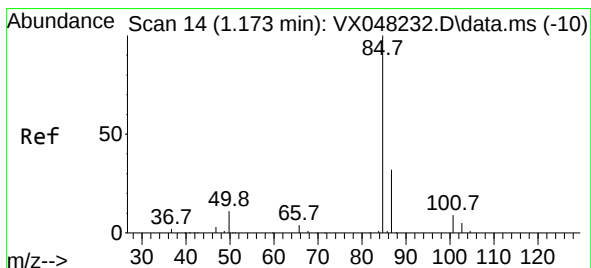
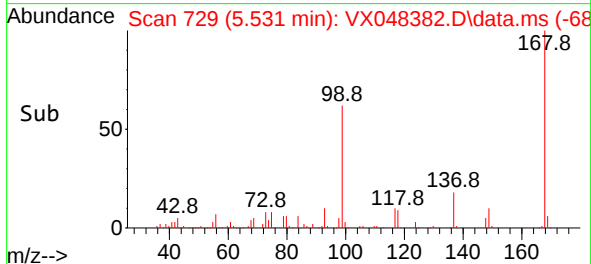
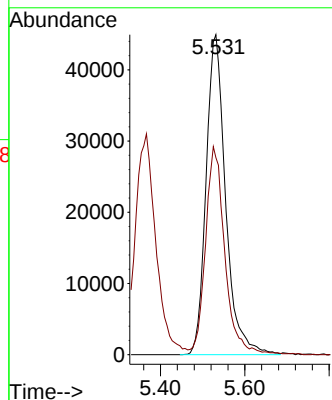
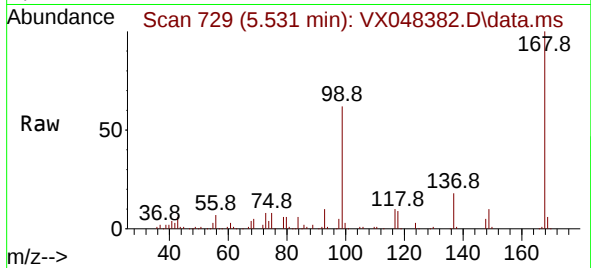
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

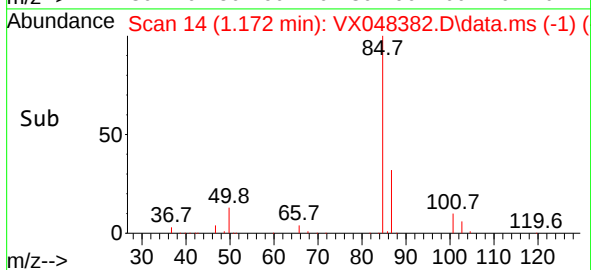
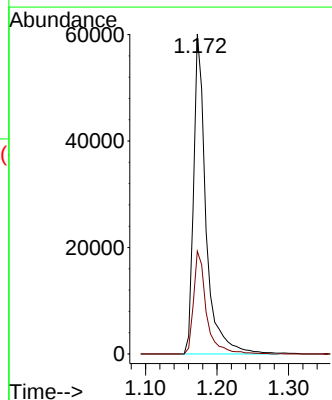
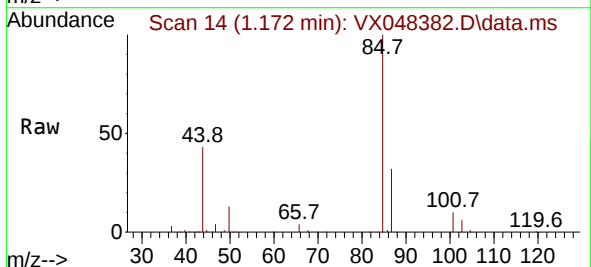
Instrument :
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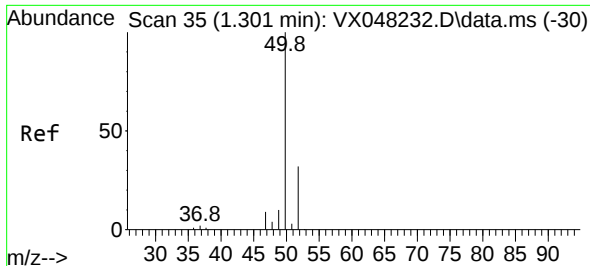
Tgt Ion:168 Resp: 144737
Ion Ratio Lower Upper
168 100
99 61.2 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 48.597 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 85 Resp: 72308
Ion Ratio Lower Upper
85 100
87 32.1 15.3 45.9

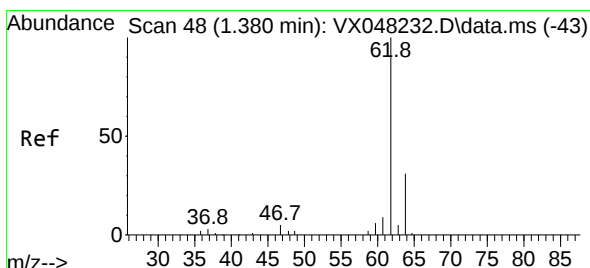
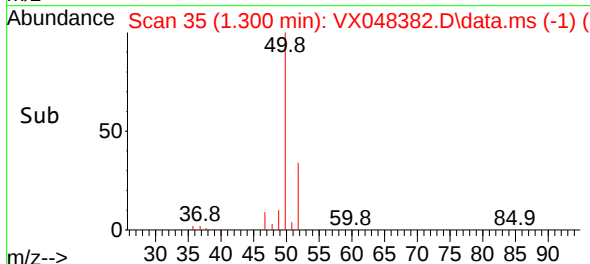
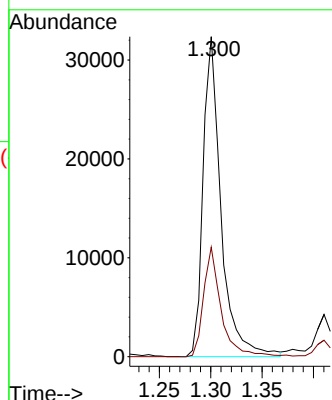
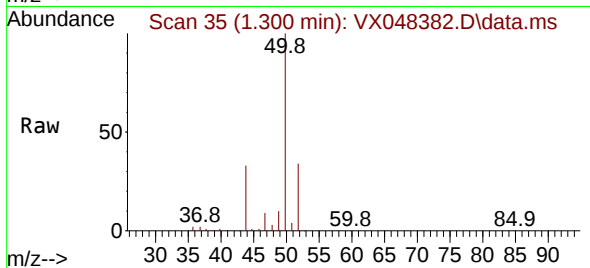




#3
Chloromethane
Concen: 28.327 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

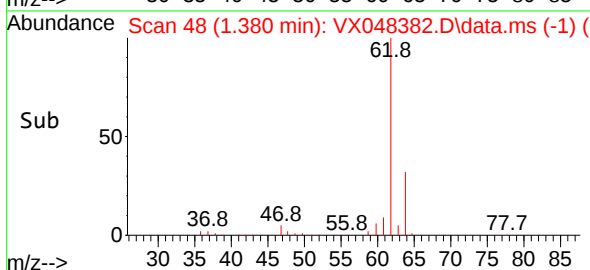
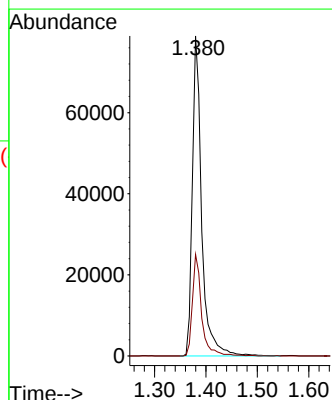
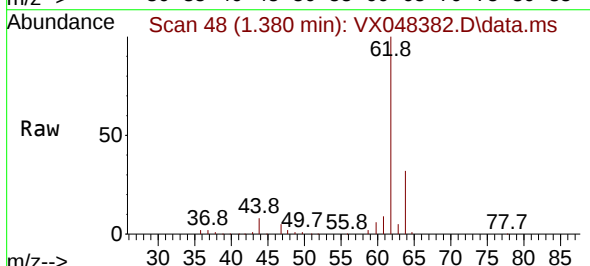
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ClientSampleId :
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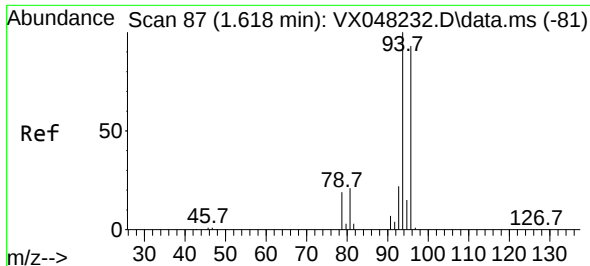
Tgt Ion: 50 Resp: 39342
Ion Ratio Lower Upper
50 100
52 34.2 25.9 38.9



#4
Vinyl Chloride
Concen: 77.714 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 62 Resp: 99946
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7

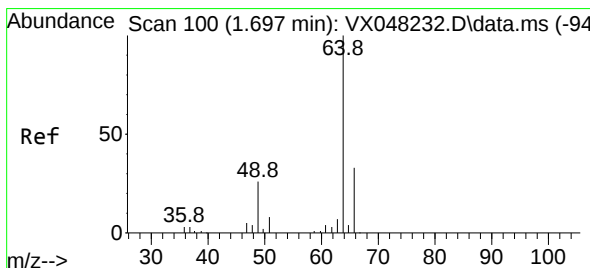
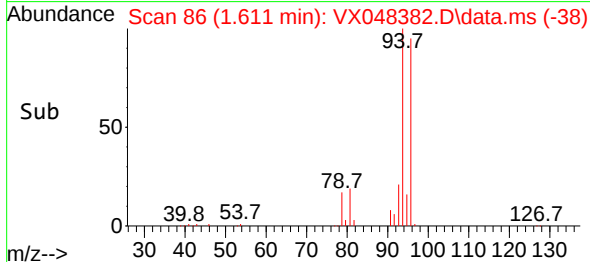
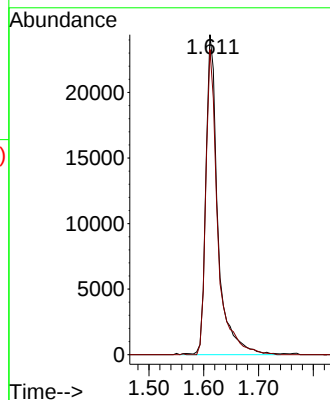
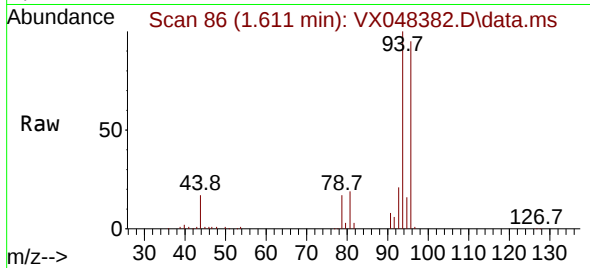




#5
Bromomethane
Concen: 42.520 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

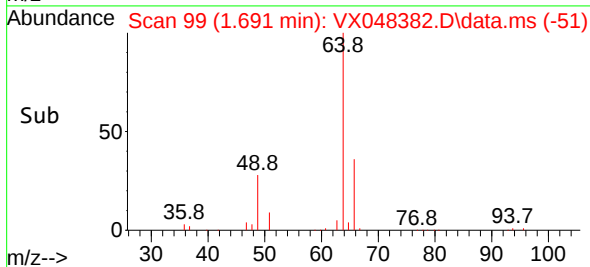
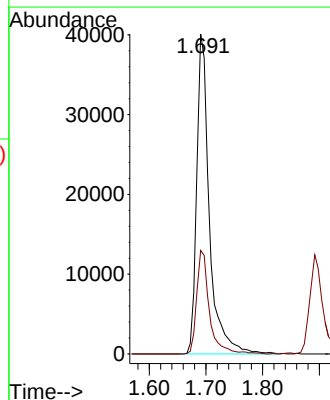
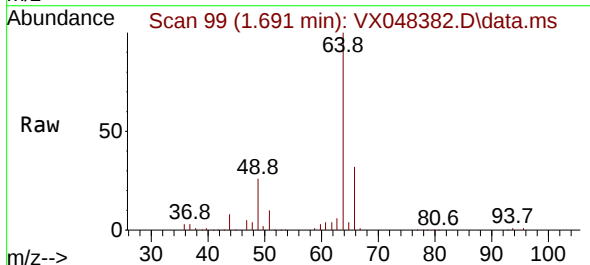
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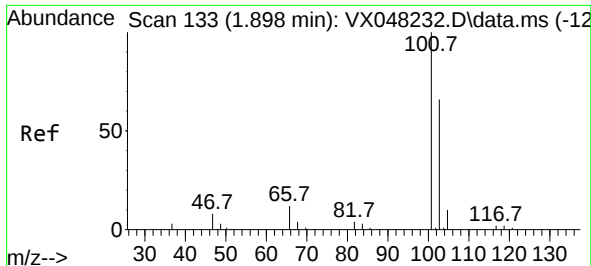
Tgt Ion: 94 Resp: 37111
Ion Ratio Lower Upper
94 100
96 95.4 76.0 114.0



#6
Chloroethane
Concen: 82.336 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 64 Resp: 62223
Ion Ratio Lower Upper
64 100
66 32.3 23.9 35.9

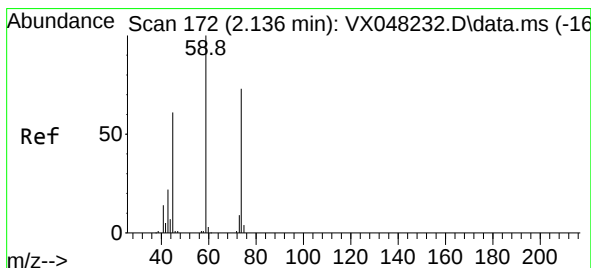
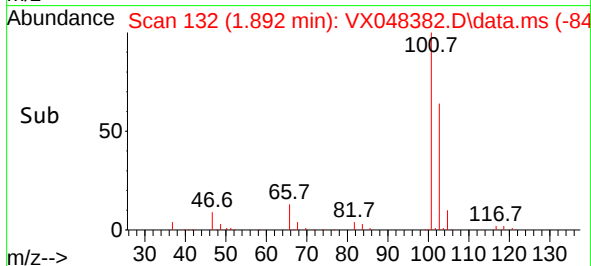
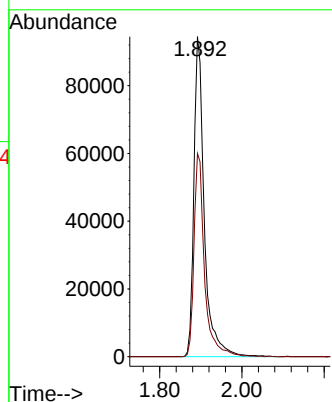
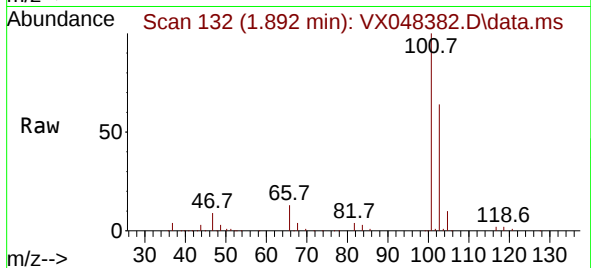




#7
Trichlorofluoromethane
Concen: 67.232 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

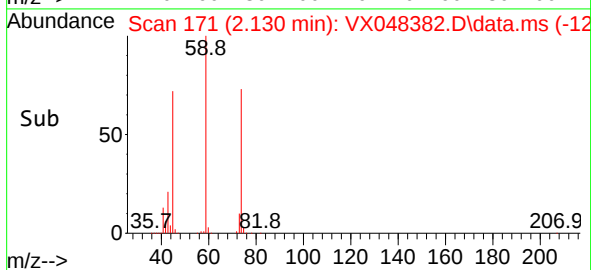
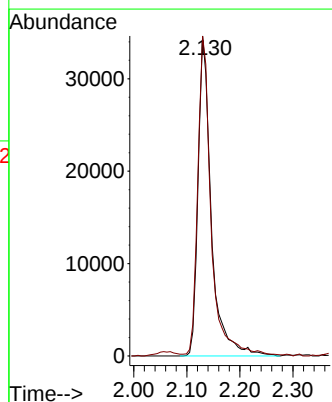
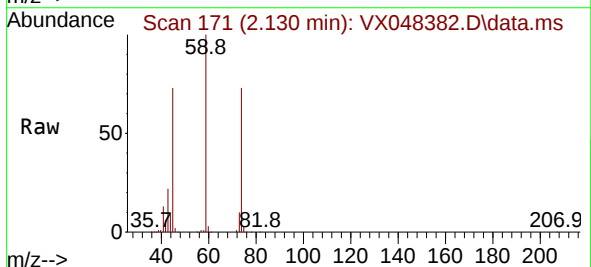
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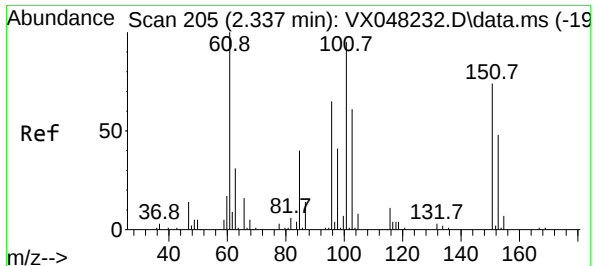
Tgt Ion:101 Resp: 165827
Ion Ratio Lower Upper
101 100
103 63.5 51.6 77.4



#8
Diethyl Ether
Concen: 86.679 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 74 Resp: 60156
Ion Ratio Lower Upper
74 100
45 100.3 50.0 149.8

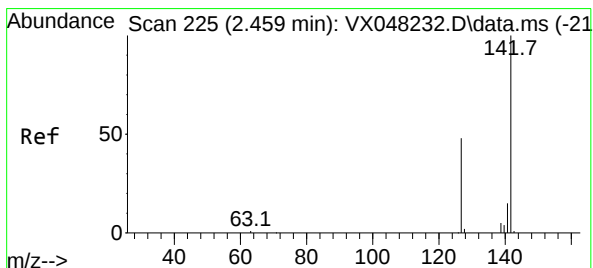
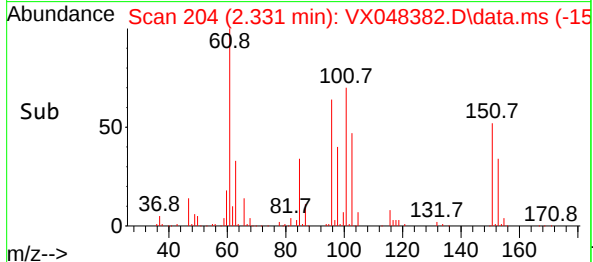
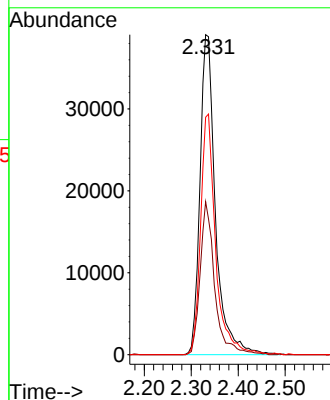
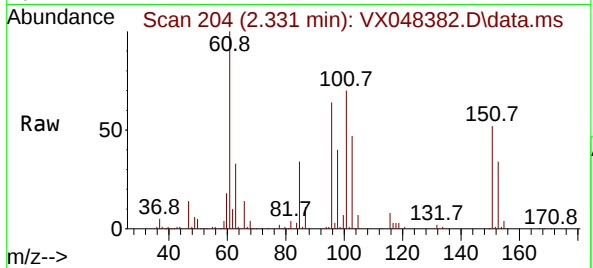




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.535 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
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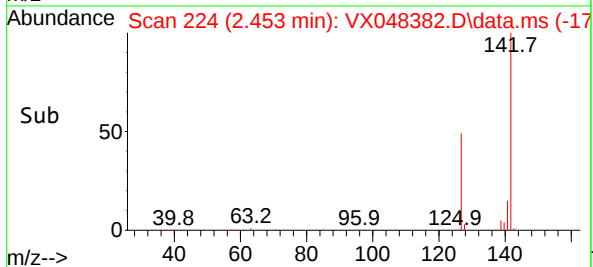
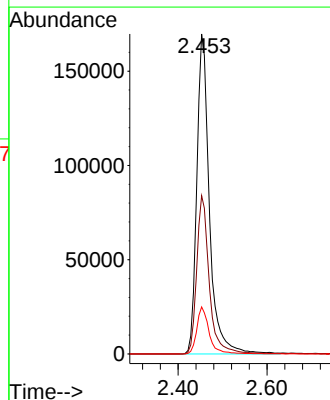
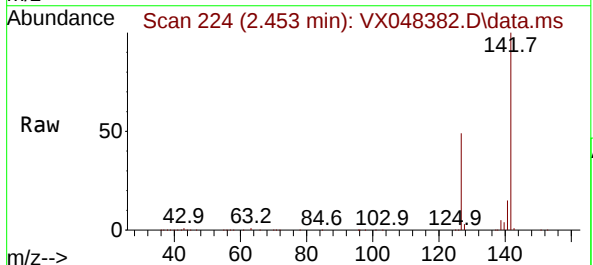
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

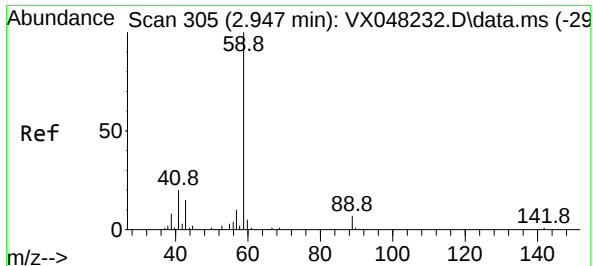
Tgt Ion:101 Resp: 89864
Ion Ratio Lower Upper
101 100
85 45.1 35.6 53.4
151 73.2 58.0 87.0



#10
Methyl Iodide
Concen: 170.484 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion:142 Resp: 334748
Ion Ratio Lower Upper
142 100
127 49.2 38.5 57.7
141 14.4 11.6 17.4

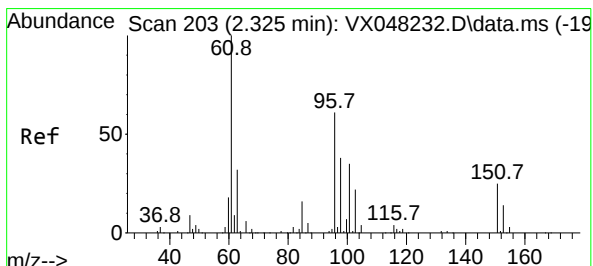
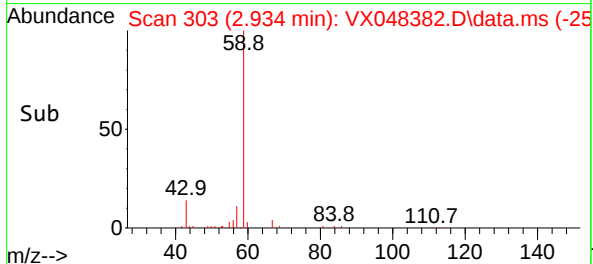
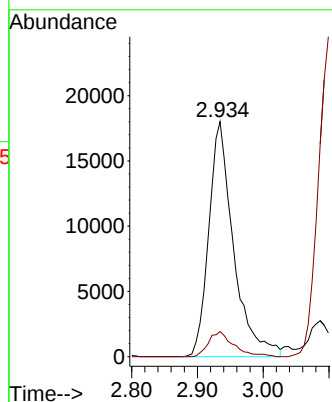
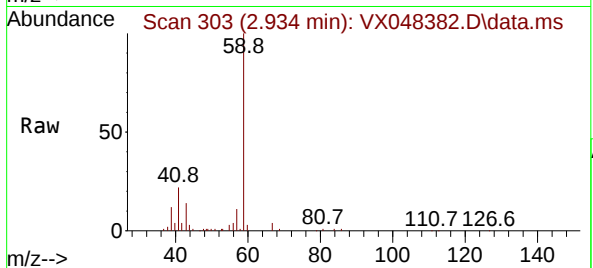




#11
Tert butyl alcohol
Concen: 234.022 ug/l
RT: 2.934 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

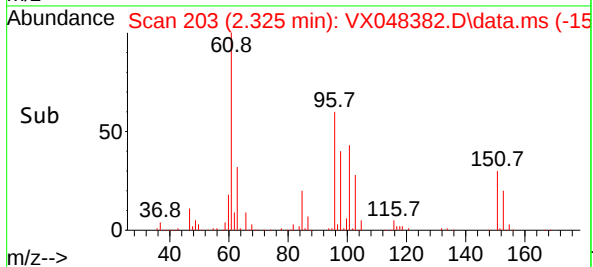
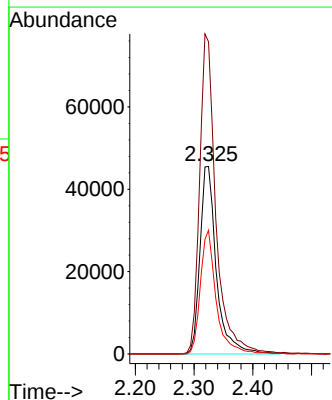
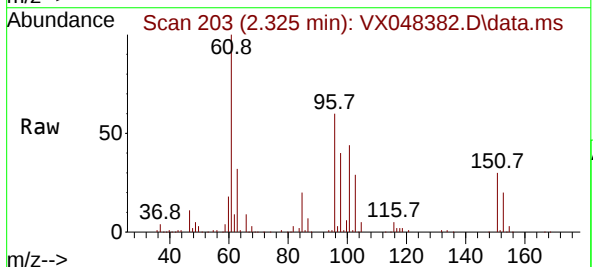
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

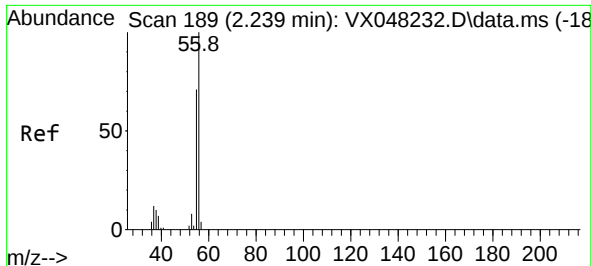
Tgt Ion: 59 Resp: 47152
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 58.569 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 96 Resp: 88998
Ion Ratio Lower Upper
96 100
61 166.4 139.0 208.6
98 65.9 52.4 78.6





#13

Acrolein

Concen: 296.668 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

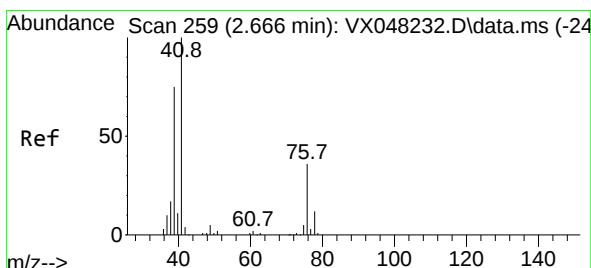
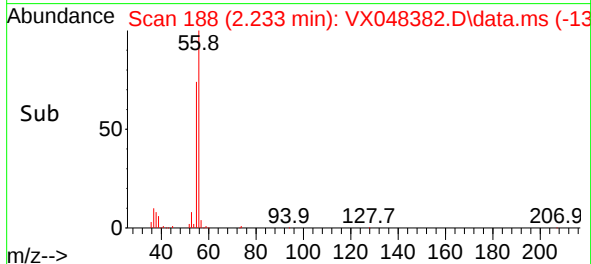
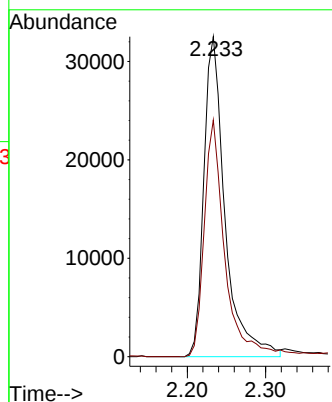
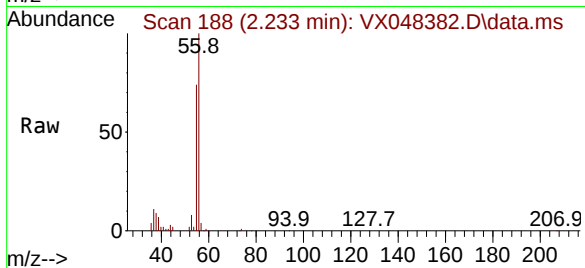
VSTDCCC050

Tgt Ion: 56 Resp: 60963

Ion Ratio Lower Upper

56 100

55 73.0 56.1 84.1



#14

Allyl chloride

Concen: 61.015 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

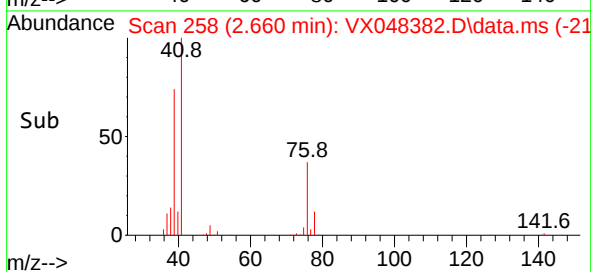
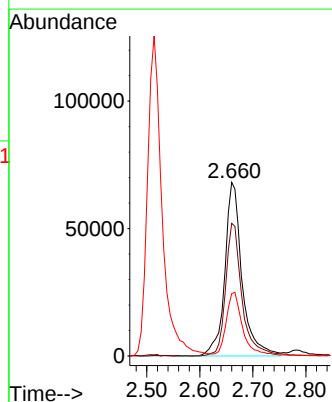
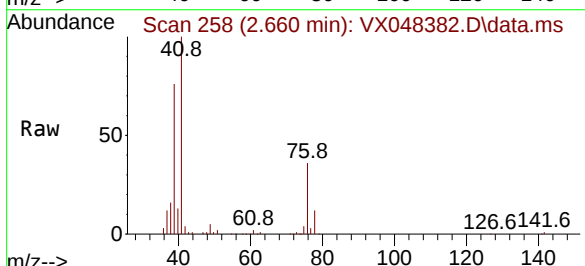
Tgt Ion: 41 Resp: 153931

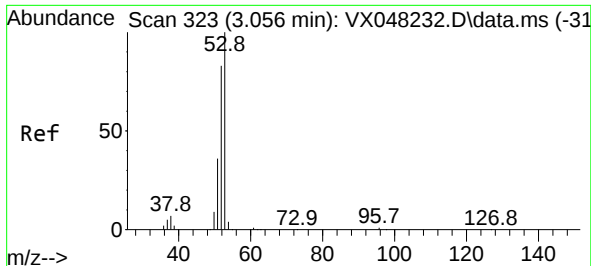
Ion Ratio Lower Upper

41 100

39 72.9 56.0 84.0

76 34.7 27.5 41.3

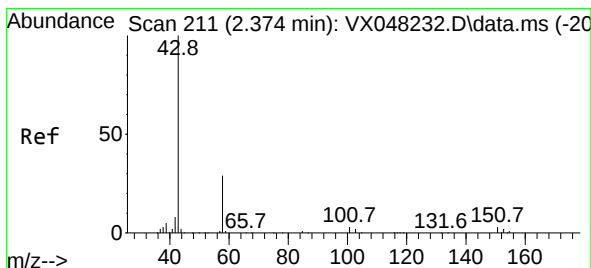
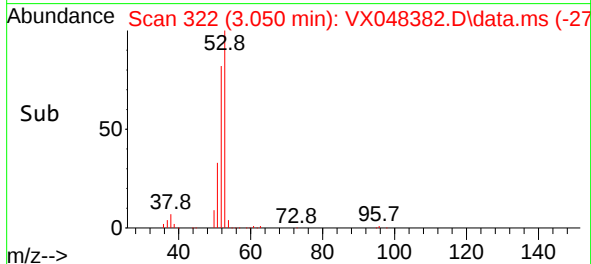
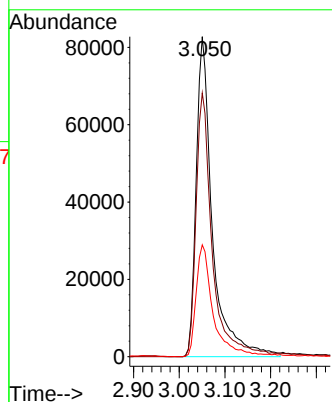
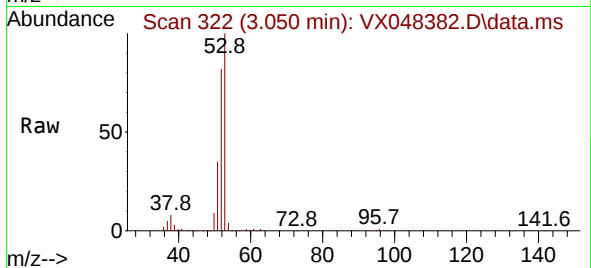




#15
Acrylonitrile
Concen: 281.652 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

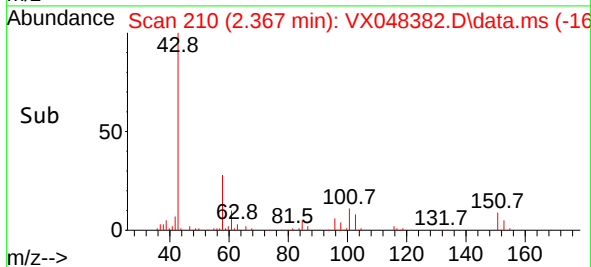
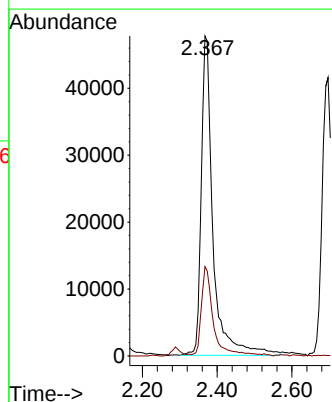
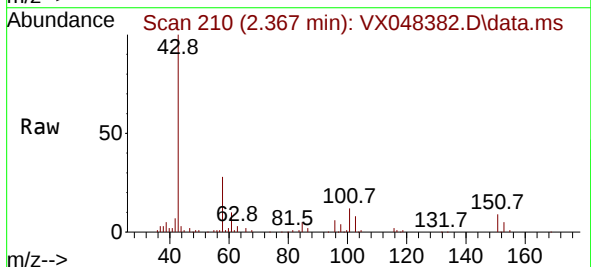
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

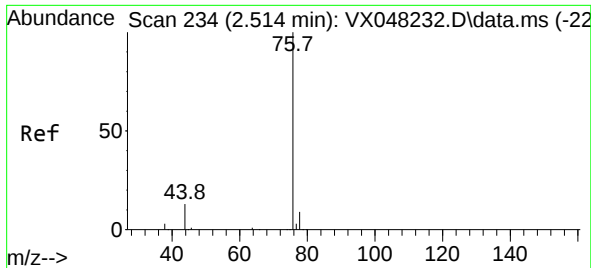
Tgt Ion: 53 Resp: 204630
Ion Ratio Lower Upper
53 100
52 82.0 66.1 99.1
51 37.5 29.0 43.4



#16
Acetone
Concen: 149.594 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 43 Resp: 104143
Ion Ratio Lower Upper
43 100
58 27.8 23.4 35.2

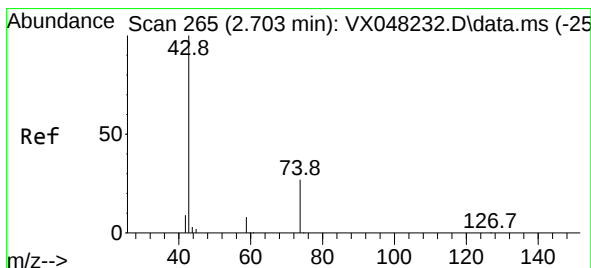
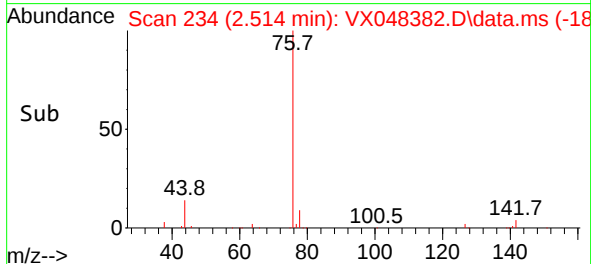
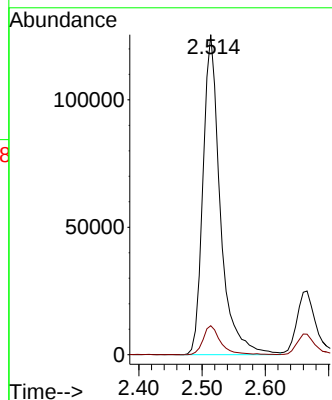
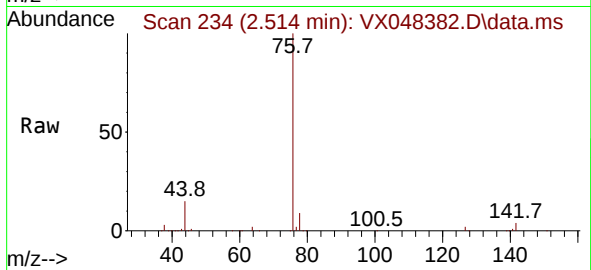




#17
Carbon Disulfide
Concen: 50.016 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

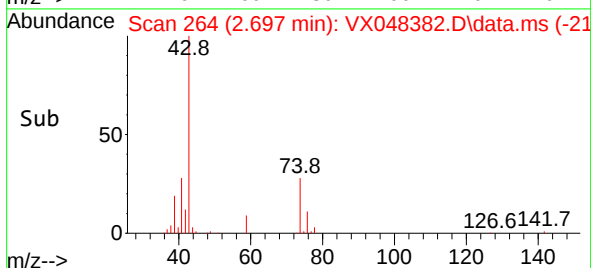
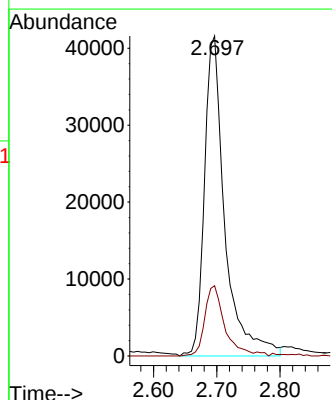
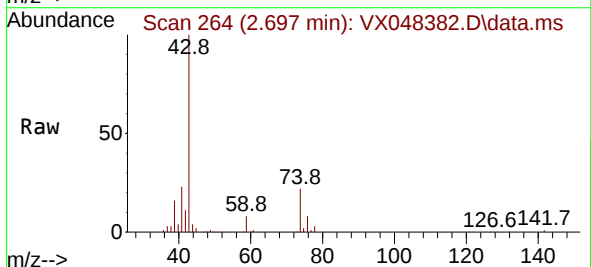
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

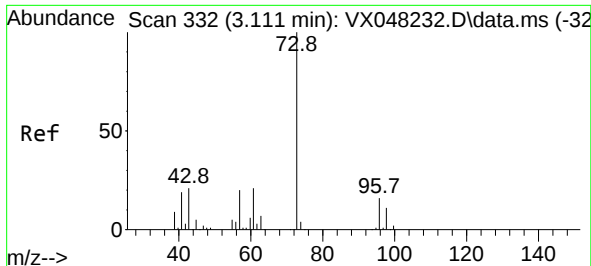
Tgt Ion: 76 Resp: 239528
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 64.059 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 43 Resp: 93135
Ion Ratio Lower Upper
43 100
74 21.1 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 59.003 ug/l

RT: 3.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

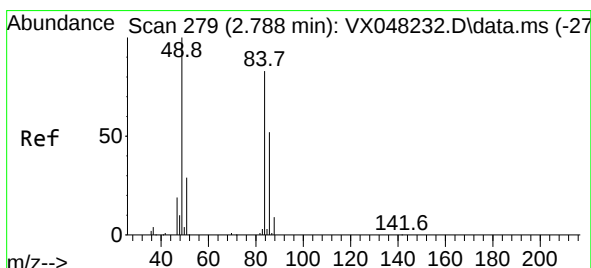
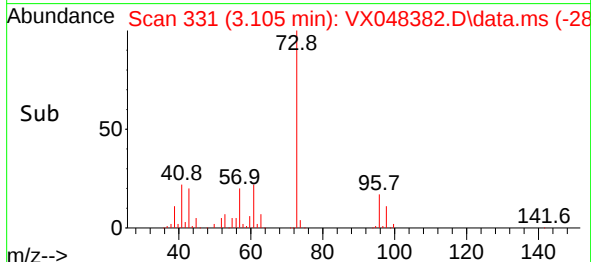
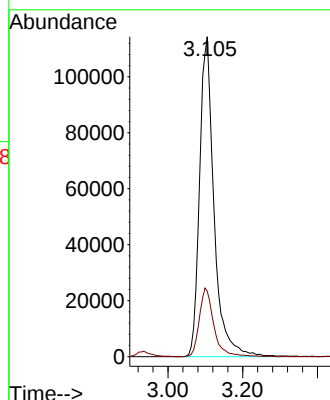
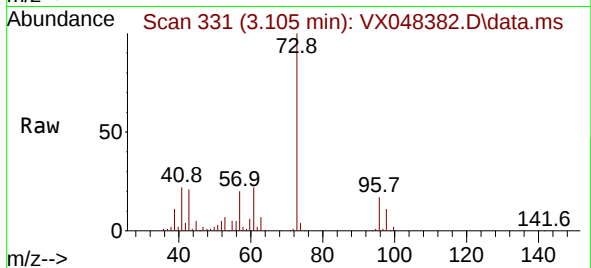
VSTDCCC050

Tgt Ion: 73 Resp: 305866

Ion Ratio Lower Upper

73 100

57 20.5 17.7 26.5



#20

Methylene Chloride

Concen: 58.569 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Tgt Ion: 84 Resp: 99350

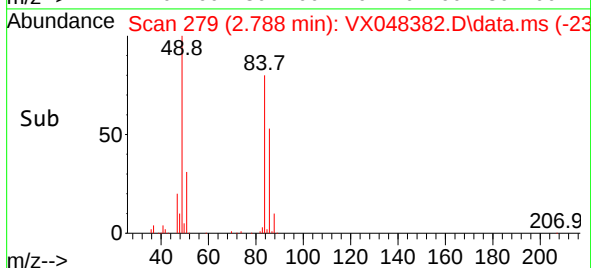
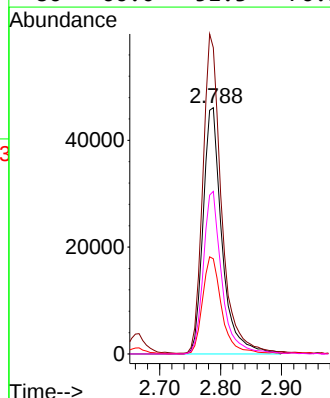
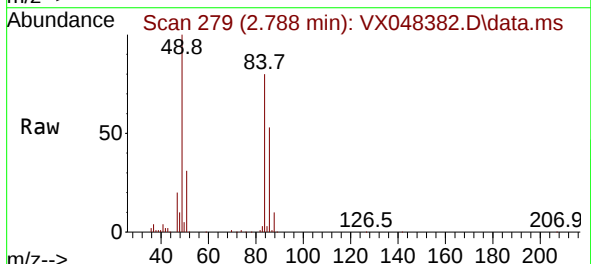
Ion Ratio Lower Upper

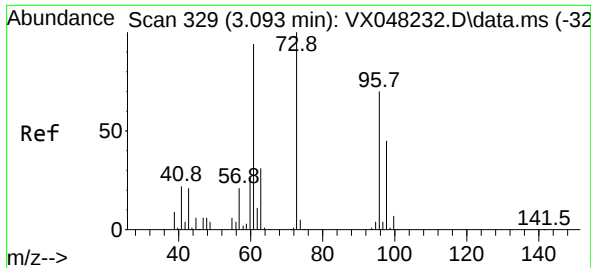
84 100

49 124.0 104.1 156.1

51 38.7 31.3 46.9

86 66.0 51.3 76.9

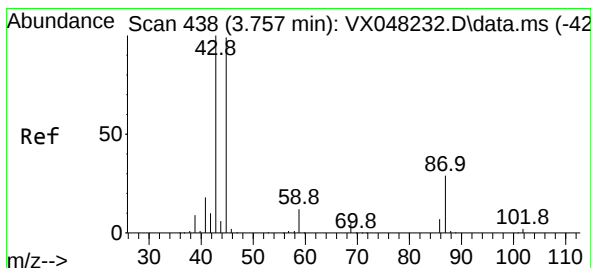
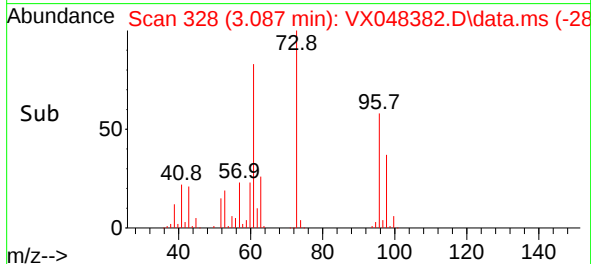
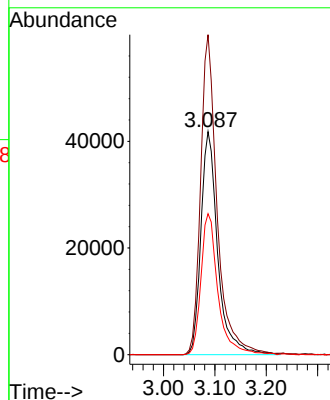
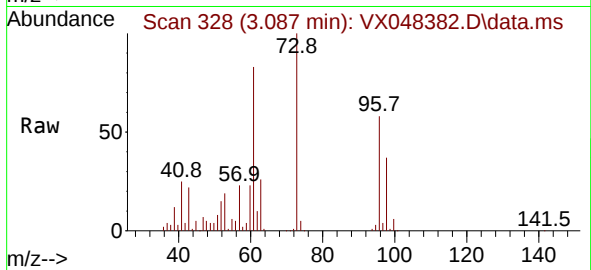




#21
trans-1,2-Dichloroethene
Concen: 57.042 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

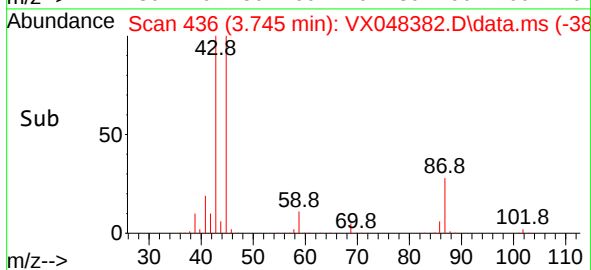
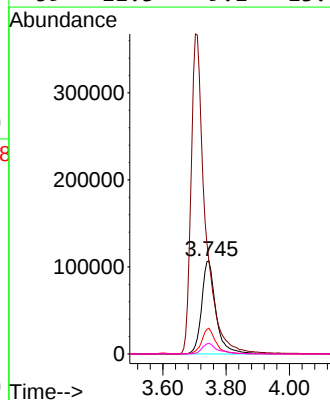
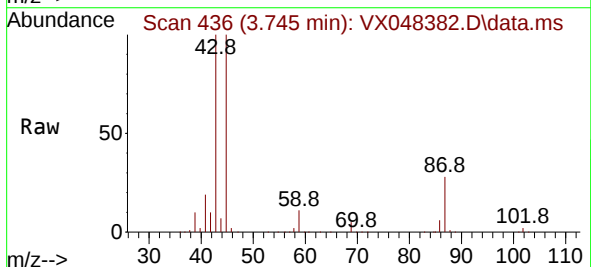
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

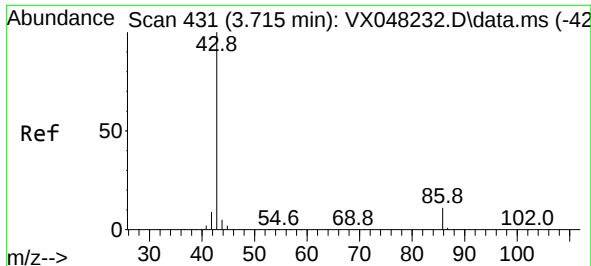
Tgt Ion: 96 Resp: 95212
Ion Ratio Lower Upper
96 100
61 143.5 111.9 167.9
98 63.2 51.2 76.8



#22
Diisopropyl ether
Concen: 67.042 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 45 Resp: 337347
Ion Ratio Lower Upper
45 100
43 100.0 89.8 134.8
87 27.7 20.6 31.0
59 11.3 9.1 13.7

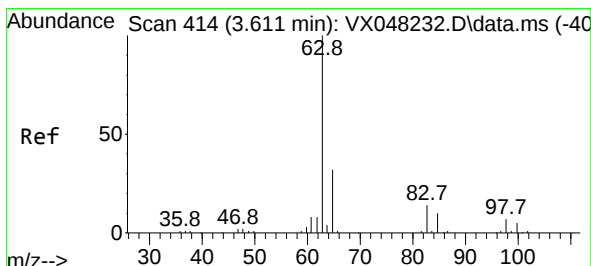
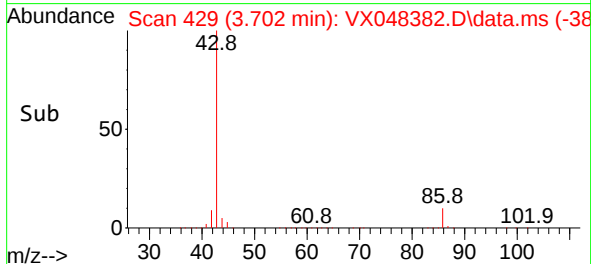
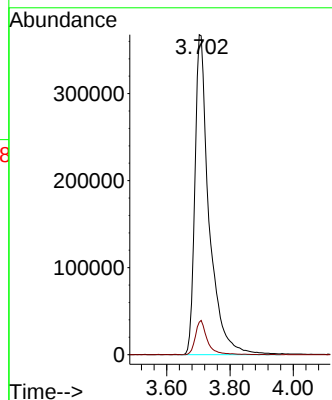
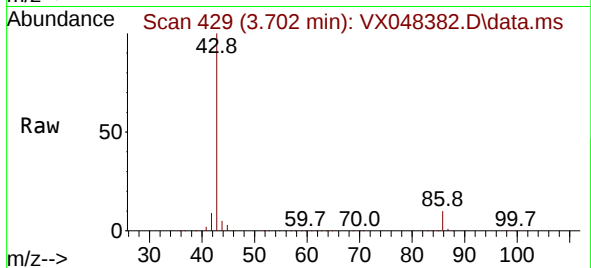




#23
Vinyl Acetate
Concen: 285.778 ug/l
RT: 3.702 min Scan# 41
Delta R.T. -0.012 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

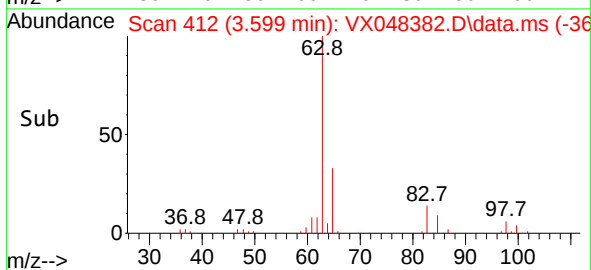
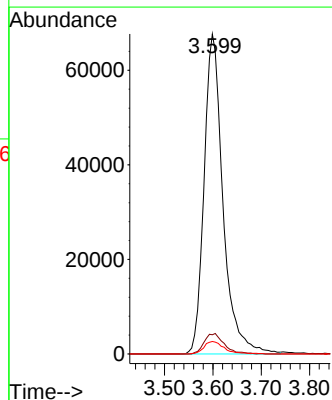
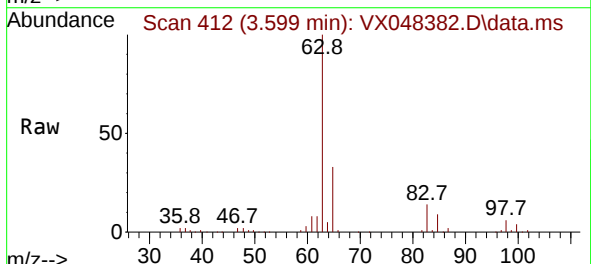
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

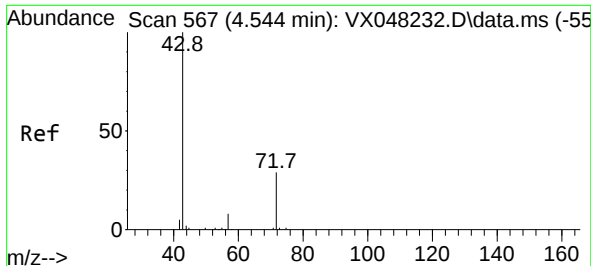
Tgt Ion: 43 Resp: 1148683
Ion Ratio Lower Upper
43 100
86 10.1 7.9 11.9



#24
1,1-Dichloroethane
Concen: 60.459 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 63 Resp: 183952
Ion Ratio Lower Upper
63 100
98 6.0 3.5 10.6
100 3.9 2.1 6.3

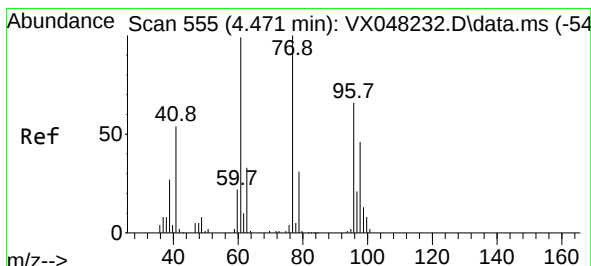
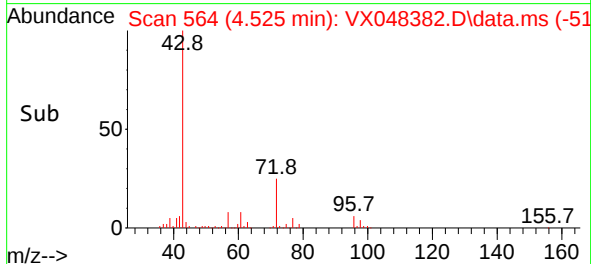
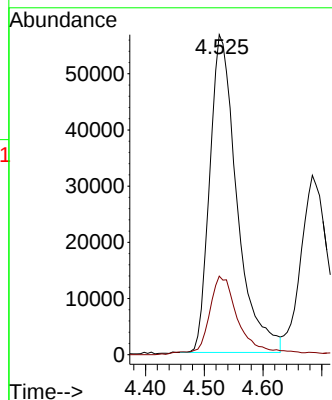
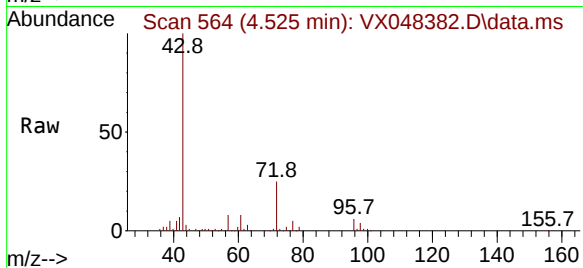




#25
2-Butanone
Concen: 206.502 ug/l
RT: 4.525 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

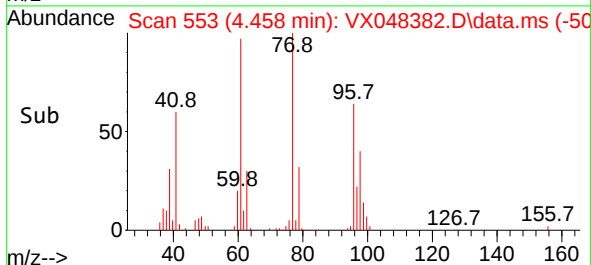
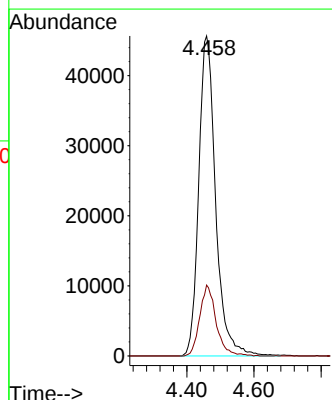
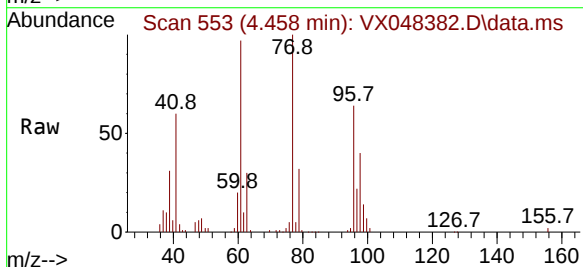
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

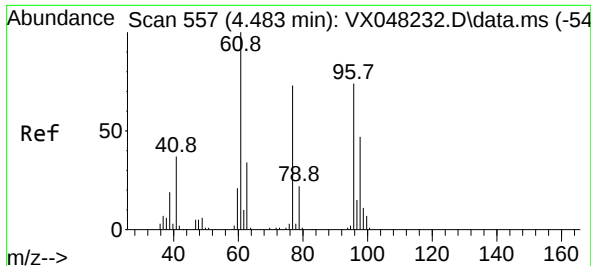
Tgt Ion: 43 Resp: 181964
Ion Ratio Lower Upper
43 100
72 24.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 58.123 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 77 Resp: 159622
Ion Ratio Lower Upper
77 100
97 21.5 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 58.373 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

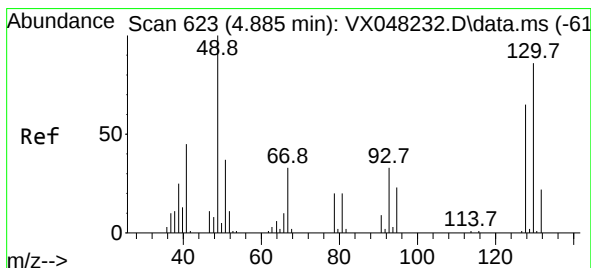
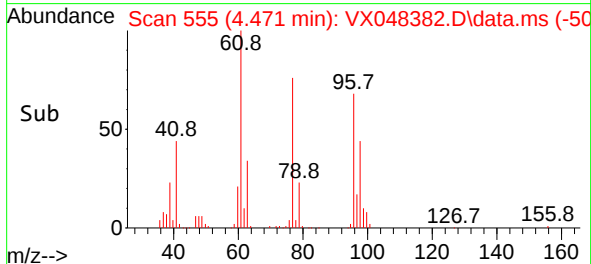
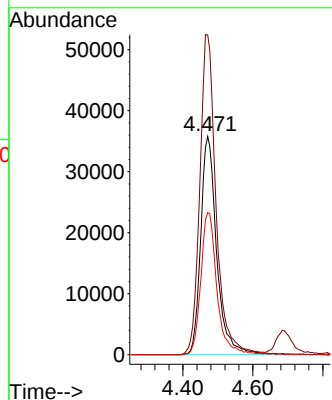
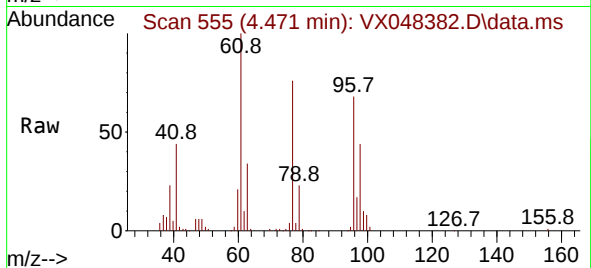
Tgt Ion: 96 Resp: 113710

Ion Ratio Lower Upper

96 100

61 148.6 0.0 294.2

98 65.5 0.0 128.4



#28

Bromochloromethane

Concen: 60.883 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

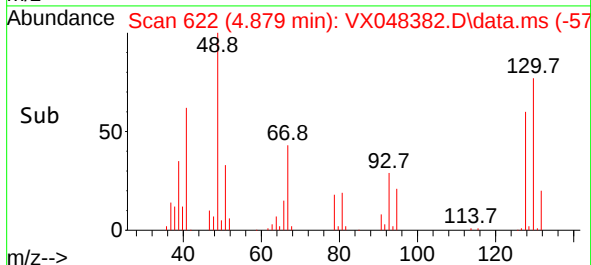
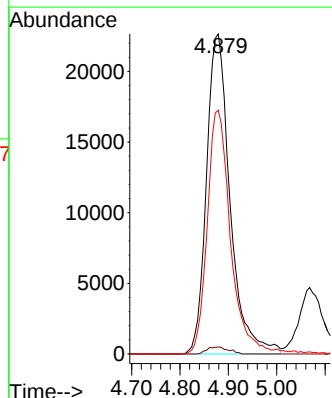
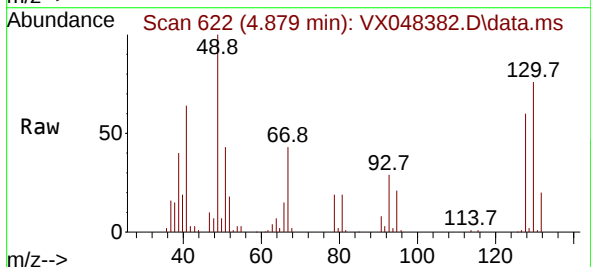
Tgt Ion: 49 Resp: 76809

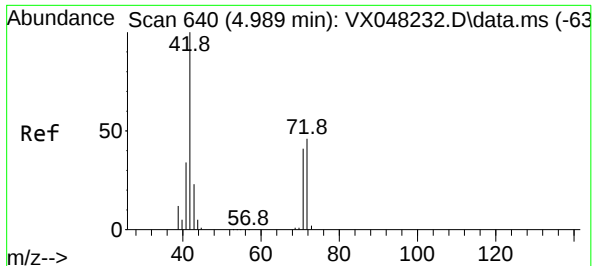
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 75.1 59.3 88.9





#29

Tetrahydrofuran

Concen: 267.309 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

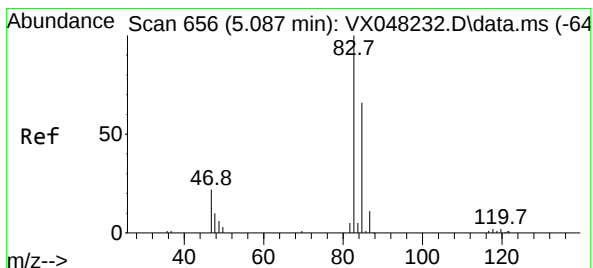
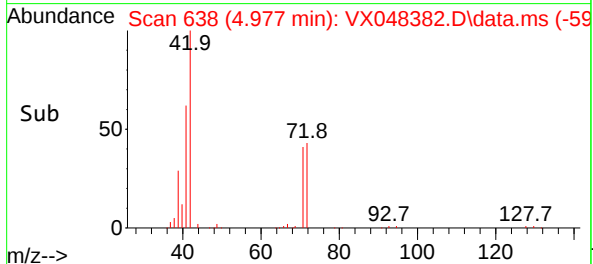
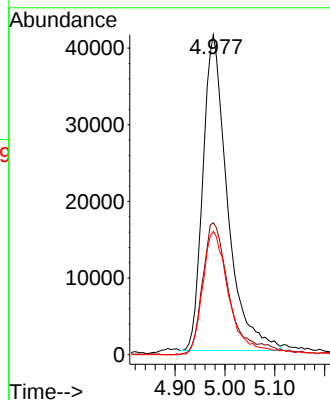
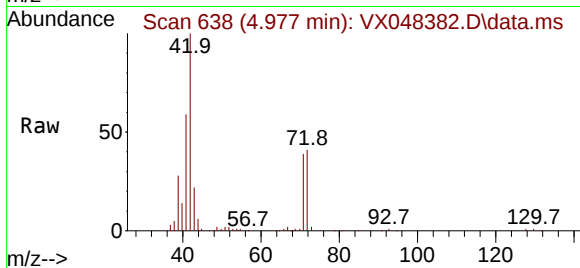
Tgt Ion: 42 Resp: 141069

Ion Ratio Lower Upper

42 100

72 46.9 35.3 52.9

71 42.6 32.2 48.4



#30

Chloroform

Concen: 58.440 ug/l

RT: 5.068 min Scan# 653

Delta R.T. -0.012 min

Lab File: VX048382.D

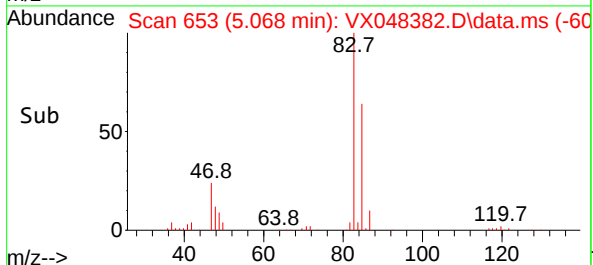
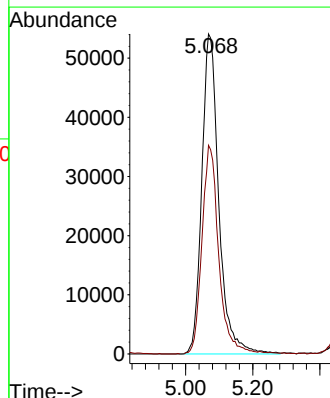
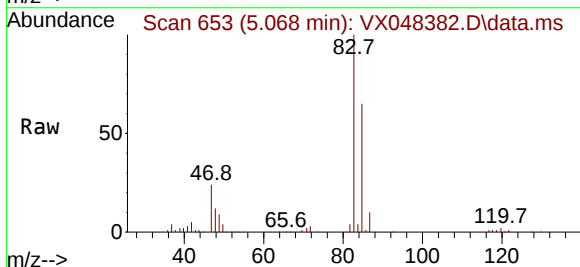
Acq: 28 Oct 2025 08:33

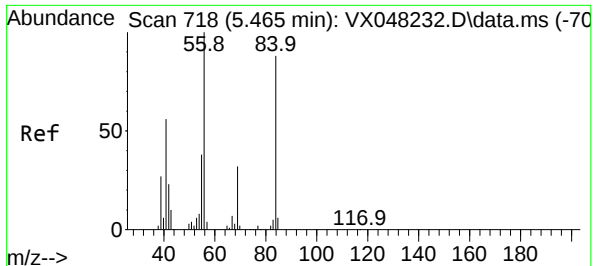
Tgt Ion: 83 Resp: 189968

Ion Ratio Lower Upper

83 100

85 65.2 50.1 75.1

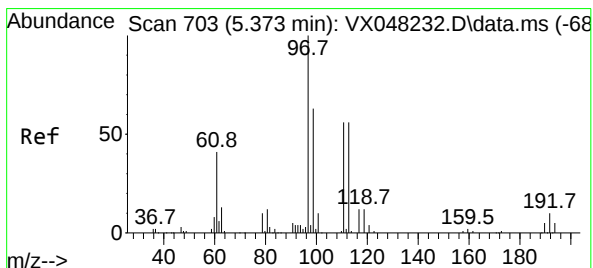
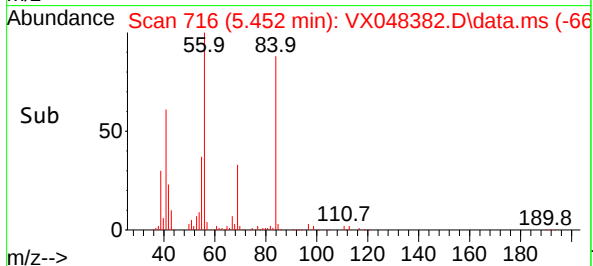
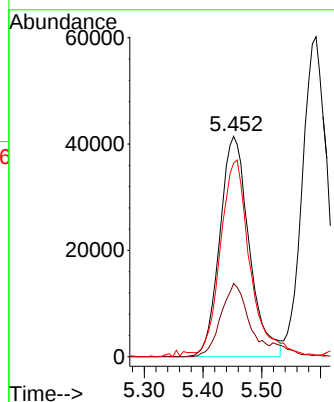
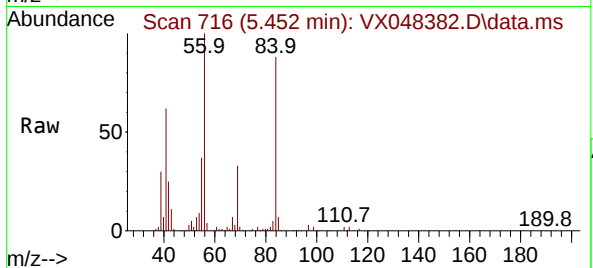




#31
Cyclohexane
Concen: 57.241 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

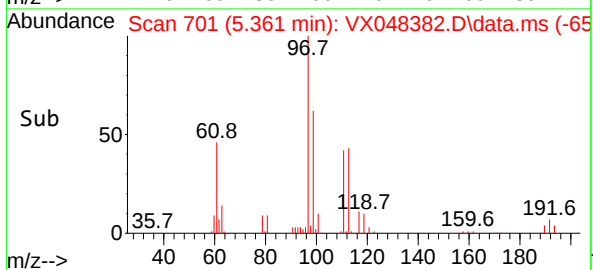
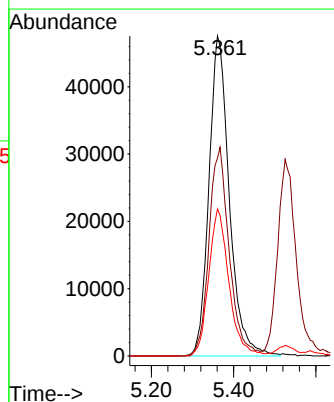
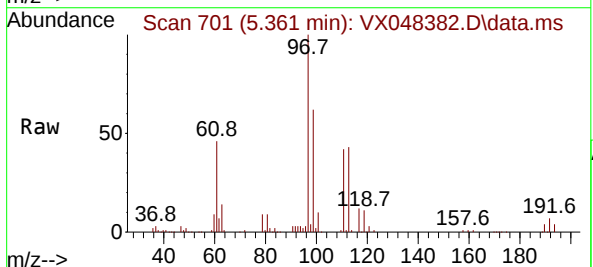
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

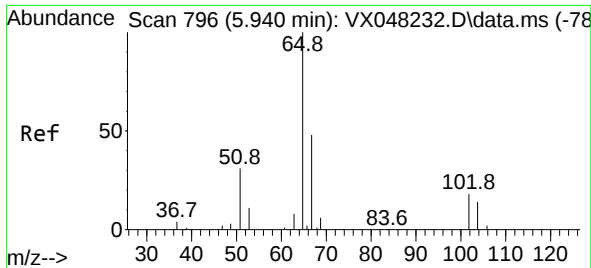
Tgt Ion: 56 Resp: 144190
Ion Ratio Lower Upper
56 100
69 32.8 23.0 34.6
84 87.4 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 54.622 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 97 Resp: 163641
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 45.6 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 49.801 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

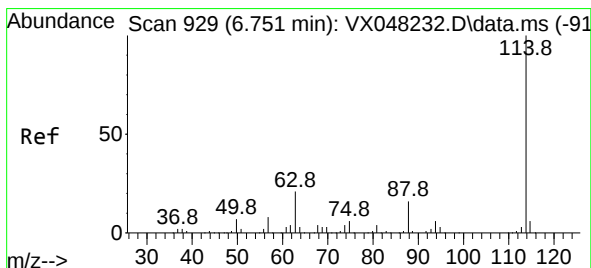
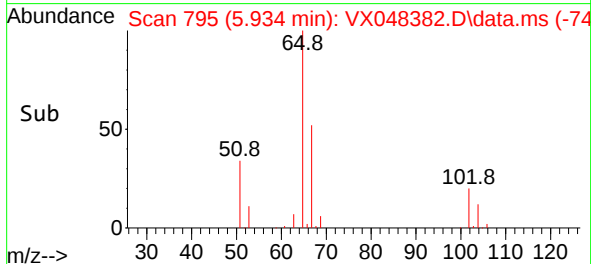
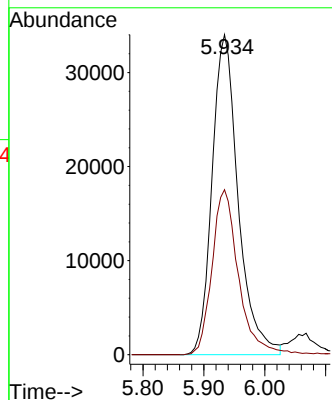
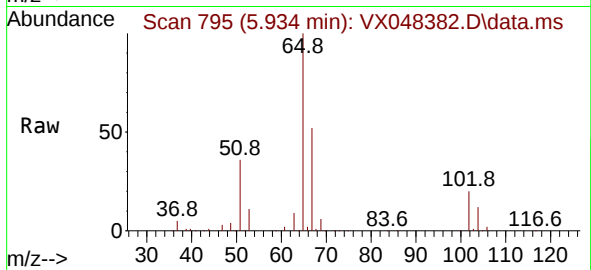
VSTDCCC050

Tgt Ion: 65 Resp: 101061

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

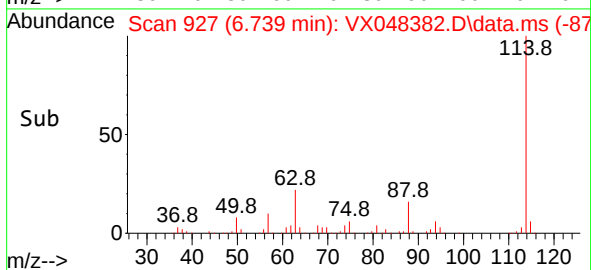
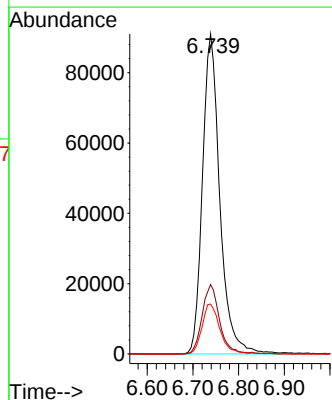
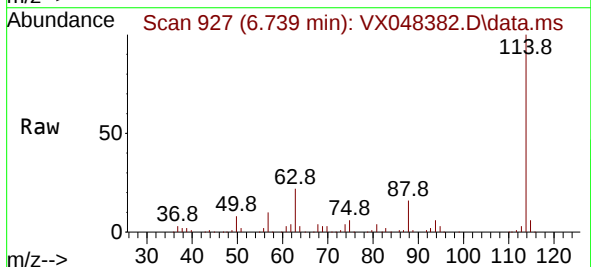
Tgt Ion: 114 Resp: 239336

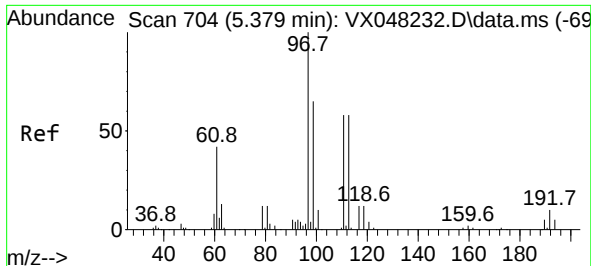
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

88 15.6 0.0 33.6

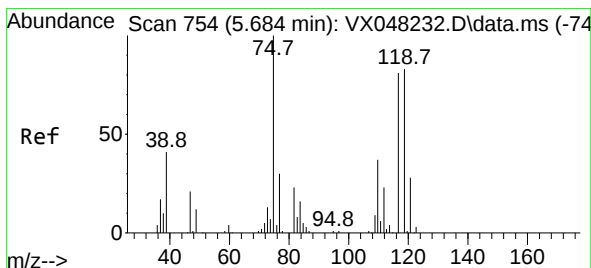
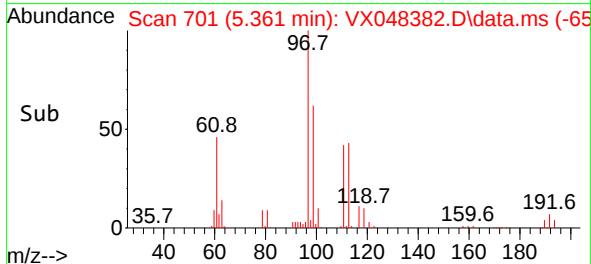
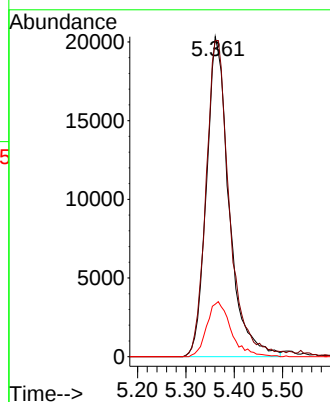
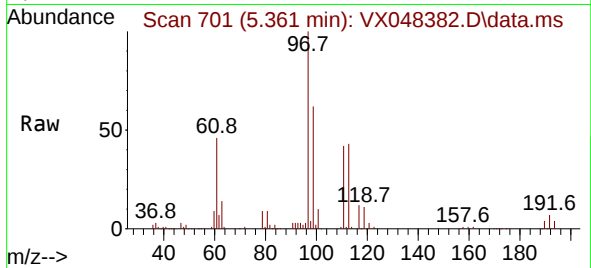




#35
Dibromofluoromethane
Concen: 40.354 ug/l
RT: 5.361 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

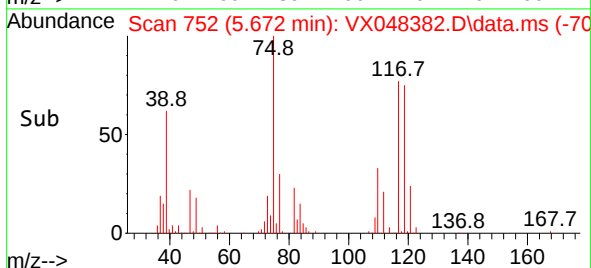
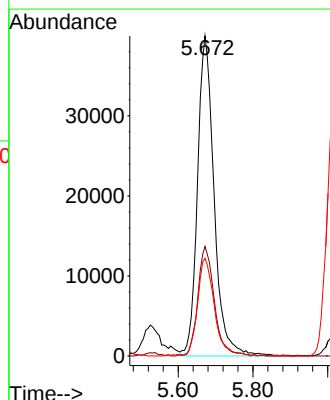
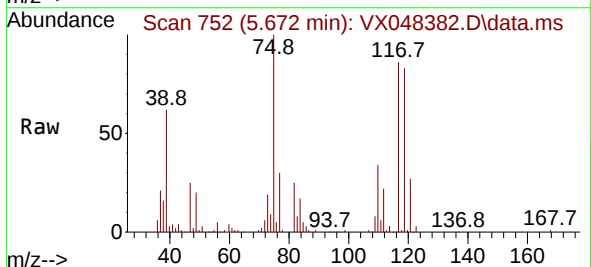
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

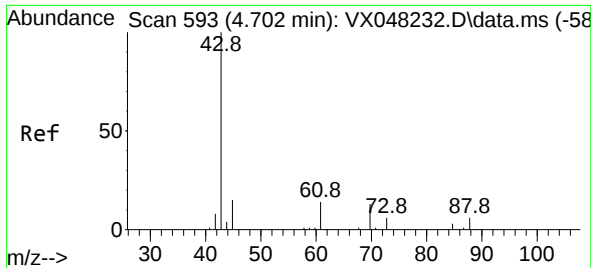
Tgt Ion:113 Resp: 65936
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.5 15.1 22.7



#36
1,1-Dichloropropene
Concen: 53.047 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 75 Resp: 123194
Ion Ratio Lower Upper
75 100
110 34.0 17.7 53.1
77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 56.679 ug/l

RT: 4.684 min Scan# 593

Delta R.T. -0.012 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

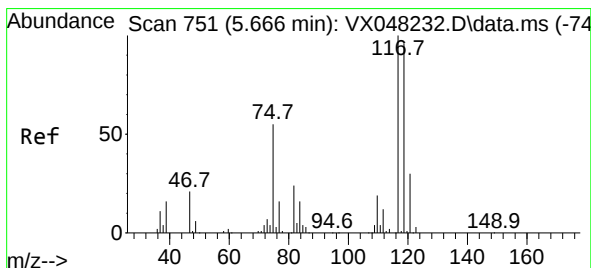
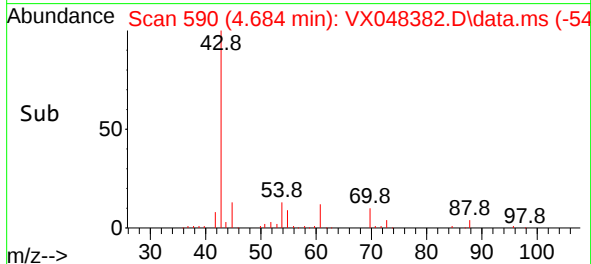
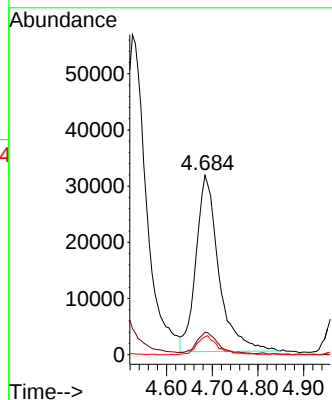
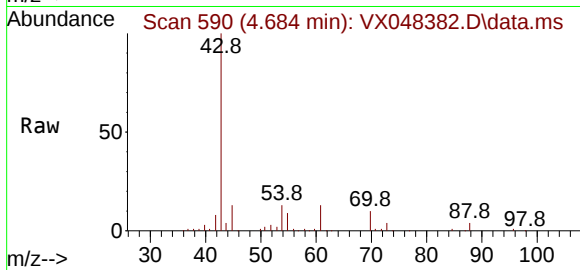
Tgt Ion: 43 Resp: 109103

Ion Ratio Lower Upper

43 100

61 11.0 10.6 15.8

70 9.9 7.8 11.6



#38

Carbon Tetrachloride

Concen: 48.898 ug/l

RT: 5.659 min Scan# 750

Delta R.T. -0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

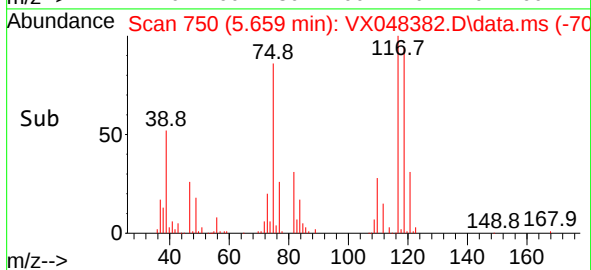
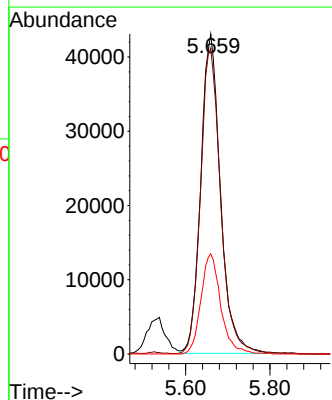
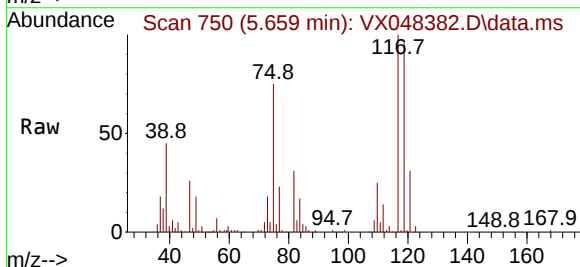
Tgt Ion:117 Resp: 140102

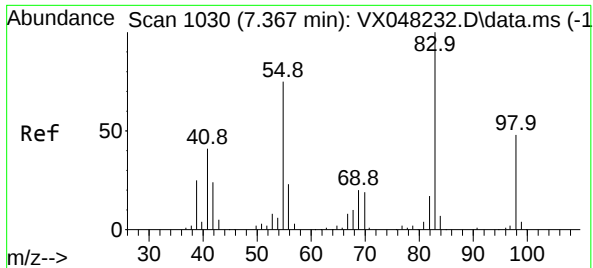
Ion Ratio Lower Upper

117 100

119 95.5 77.2 115.8

121 31.4 24.8 37.2

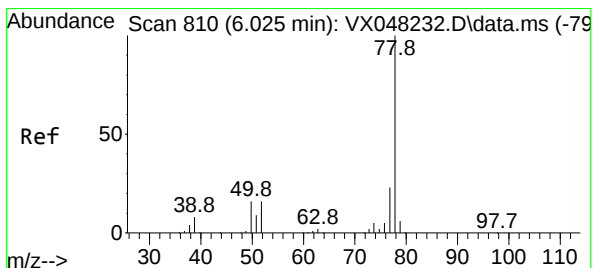
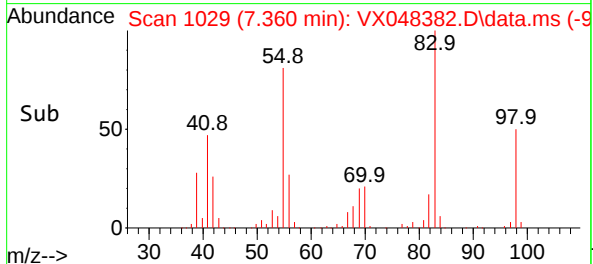
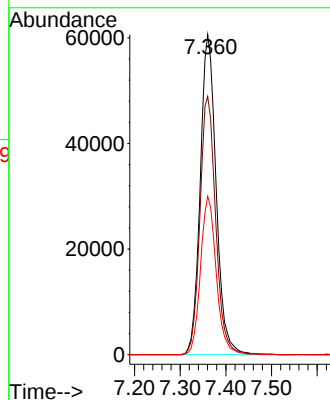
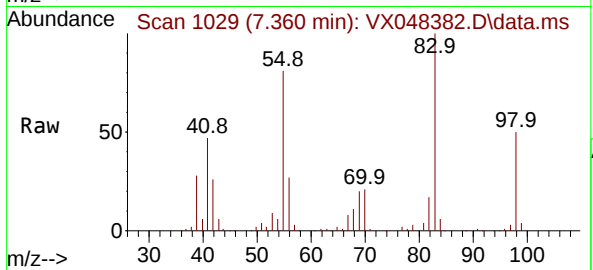




#39
Methylcyclohexane
Concen: 53.305 ug/l
RT: 7.360 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

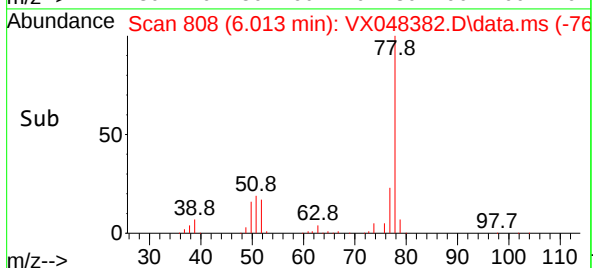
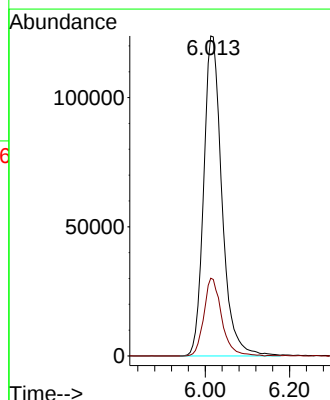
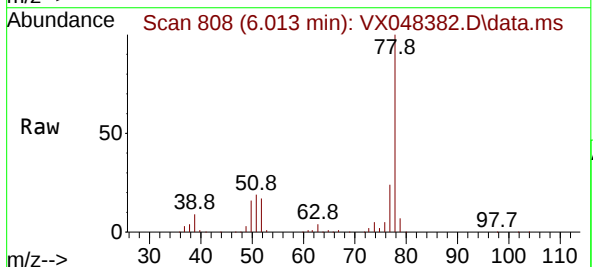
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

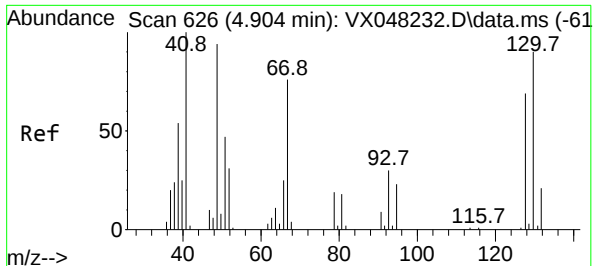
Tgt Ion: 83 Resp: 146198
Ion Ratio Lower Upper
83 100
55 80.7 66.2 99.2
98 49.5 38.9 58.3



#40
Benzene
Concen: 55.236 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 78 Resp: 372431
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9

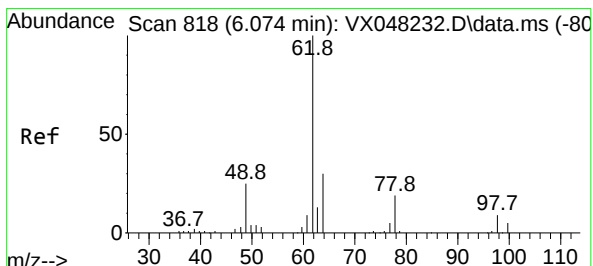
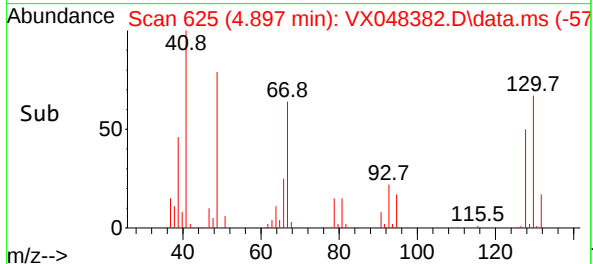
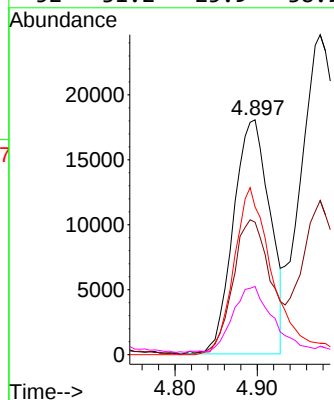
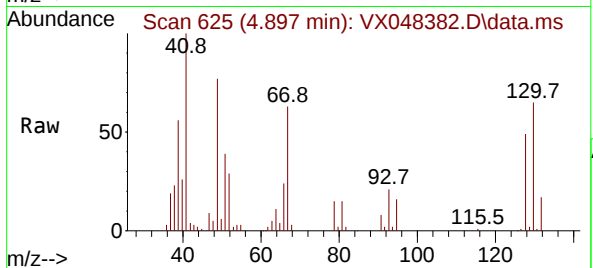




#41
Methacrylonitrile
Concen: 54.966 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

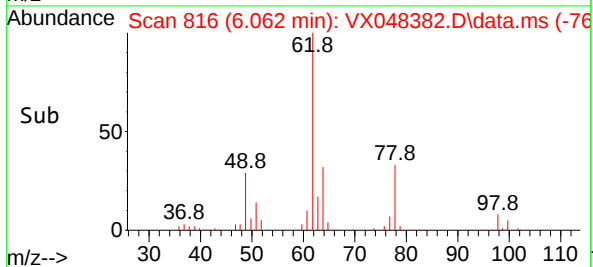
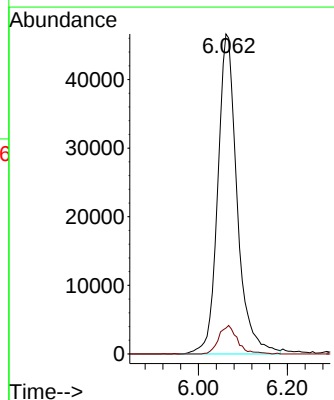
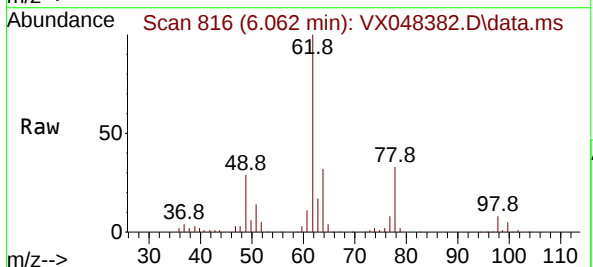
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

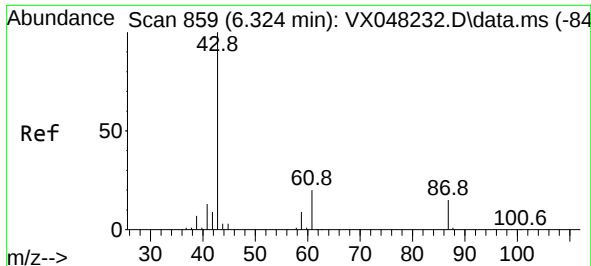
Tgt Ion: 41 Resp: 55564
Ion Ratio Lower Upper
41 100
39 60.9 44.0 66.0
67 77.9 58.7 88.1
52 31.2 25.9 38.9



#42
1,2-Dichloroethane
Concen: 56.629 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 62 Resp: 140896
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.2

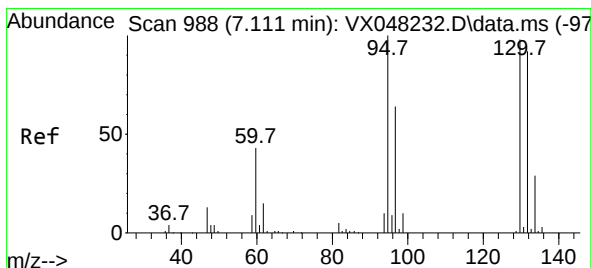
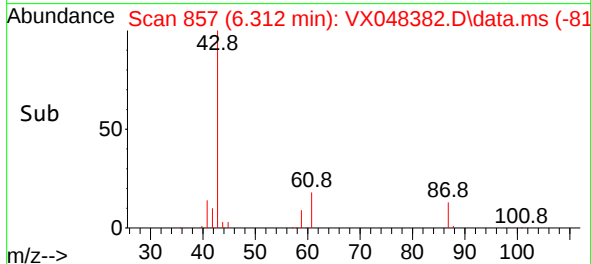
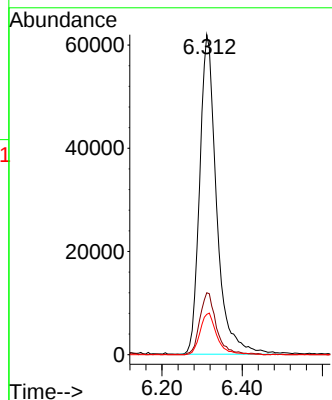
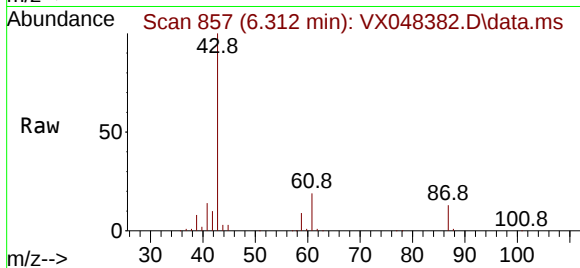




#43
Isopropyl Acetate
Concen: 57.552 ug/l
RT: 6.312 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

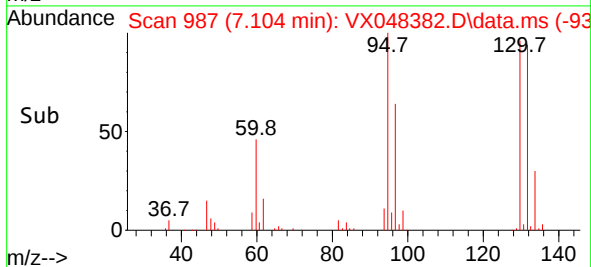
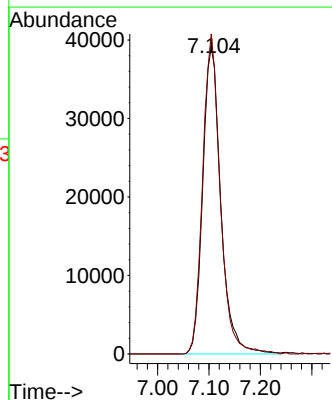
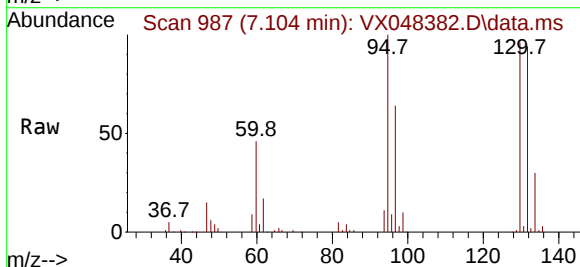
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

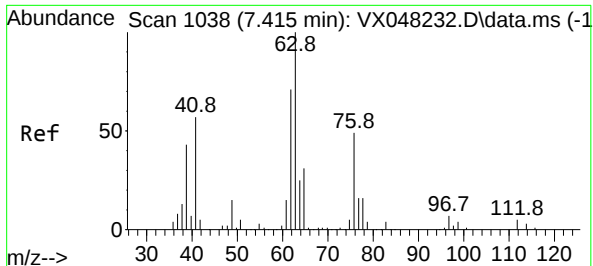
Tgt Ion: 43 Resp: 181976
Ion Ratio Lower Upper
43 100
61 18.9 14.9 22.3
87 12.8 9.4 14.2



#44
Trichloroethene
Concen: 53.745 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion:130 Resp: 95686
Ion Ratio Lower Upper
130 100
95 104.3 0.0 200.6





#45

1,2-Dichloropropane

Concen: 59.634 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

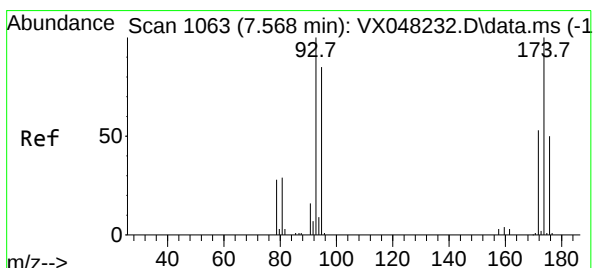
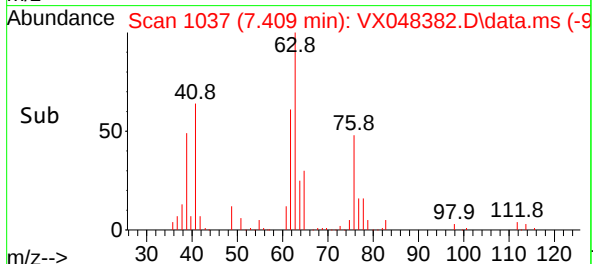
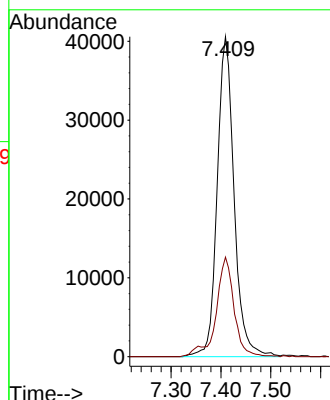
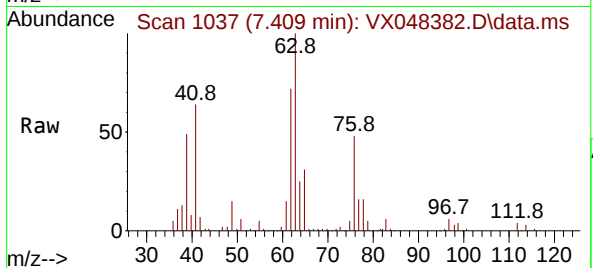
VSTDCCC050

Tgt Ion: 63 Resp: 95598

Ion Ratio Lower Upper

63 100

65 31.1 24.1 36.1



#46

Dibromomethane

Concen: 54.353 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

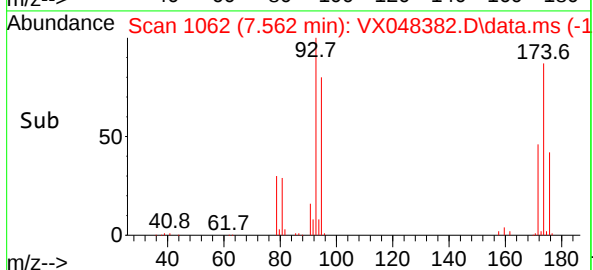
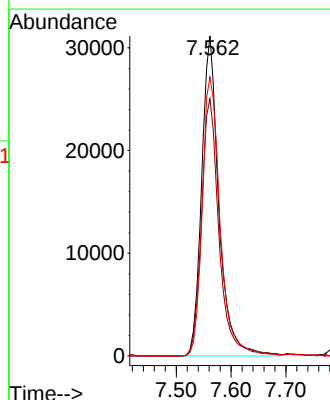
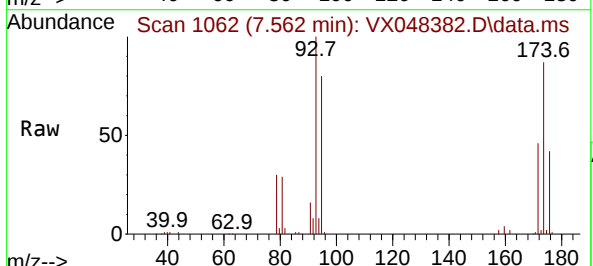
Tgt Ion: 93 Resp: 67883

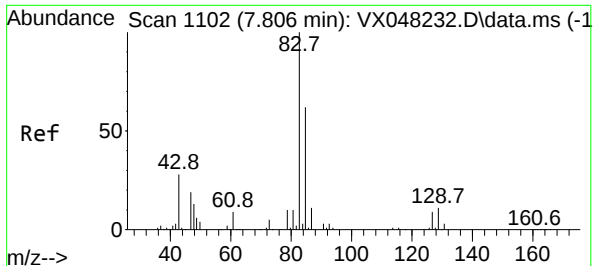
Ion Ratio Lower Upper

93 100

95 81.9 65.9 98.9

174 90.7 71.7 107.5

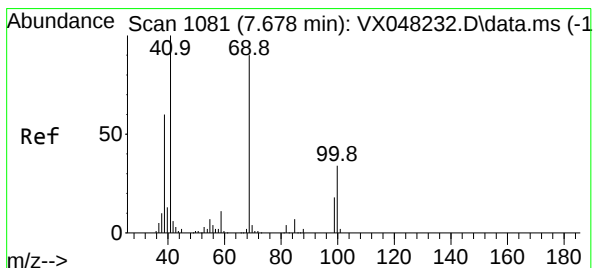
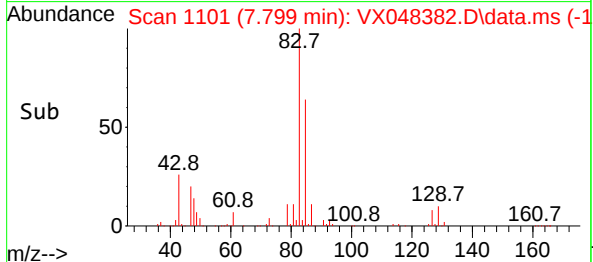
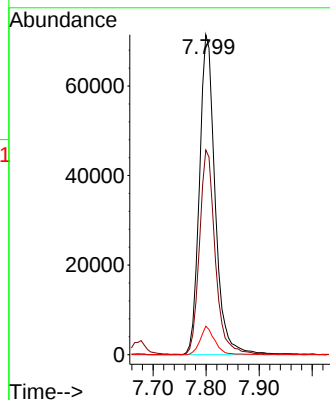
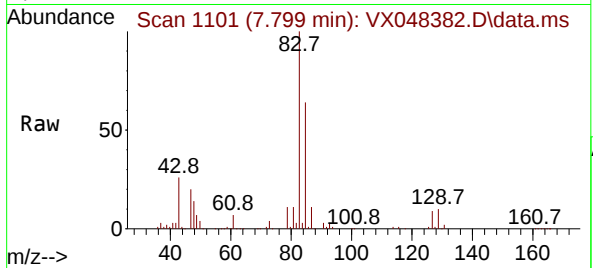




#47
Bromodichloromethane
Concen: 54.607 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

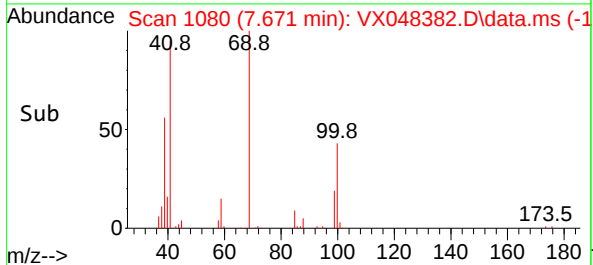
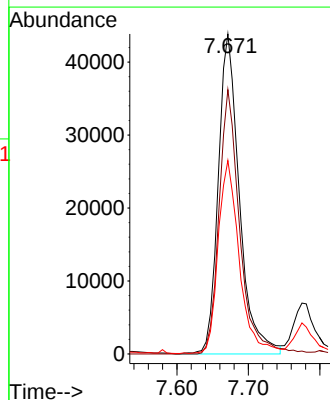
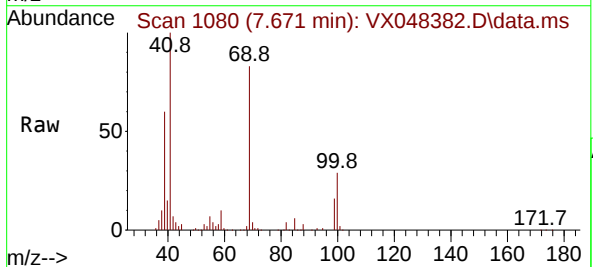
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

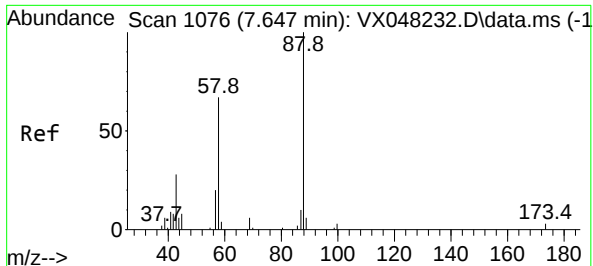
Tgt Ion: 83 Resp: 147253
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.4
127 8.9 7.3 10.9



#48
Methyl methacrylate
Concen: 56.472 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 41 Resp: 90102
Ion Ratio Lower Upper
41 100
69 80.8 63.4 95.0
39 60.5 47.1 70.7





#49

1,4-Dioxane

Concen: 951.275 ug/l

RT: 7.635 min Scan# 1074

Delta R.T. -0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

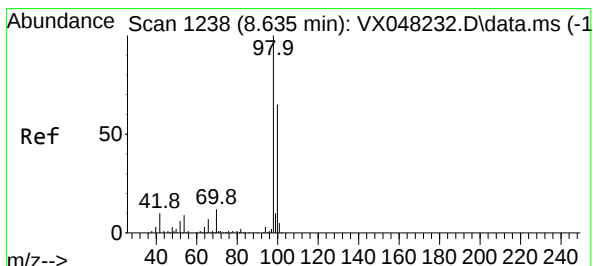
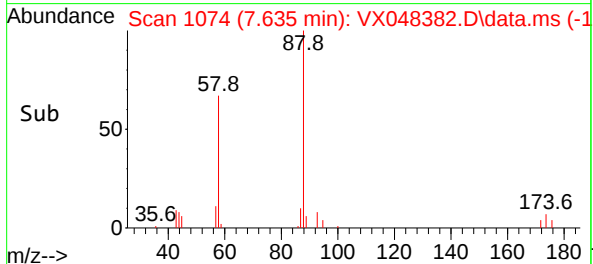
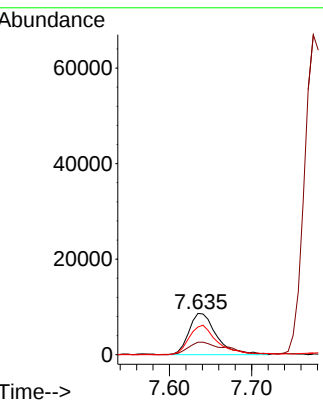
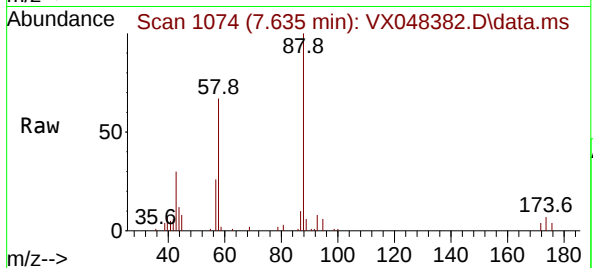
Tgt Ion: 88 Resp: 20052

Ion Ratio Lower Upper

88 100

43 43.0 35.0 52.4

58 74.2 61.9 92.9



#50

Toluene-d8

Concen: 47.146 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX048382.D

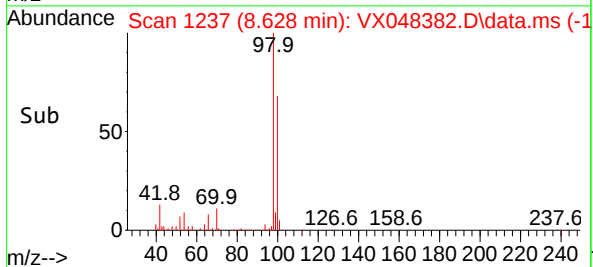
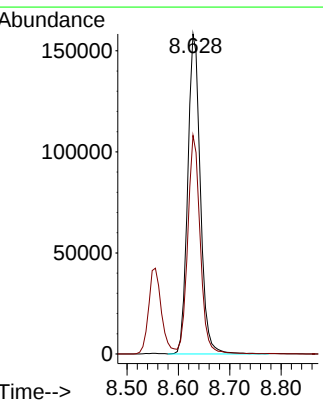
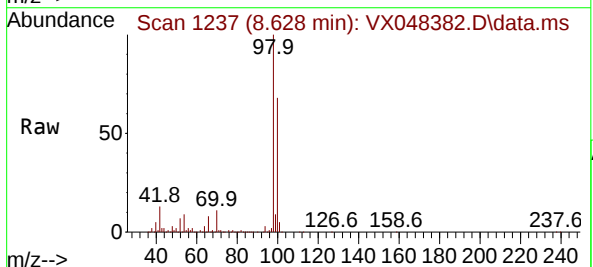
Acq: 28 Oct 2025 08:33

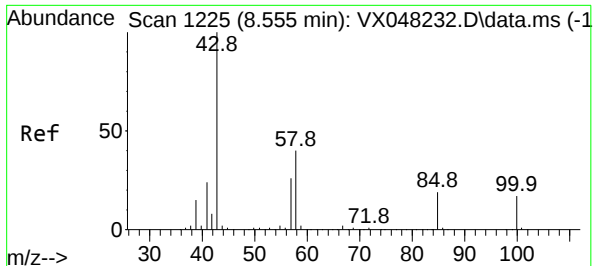
Tgt Ion: 98 Resp: 270013

Ion Ratio Lower Upper

98 100

100 67.1 53.0 79.4

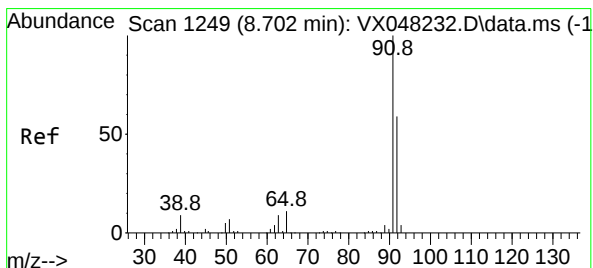
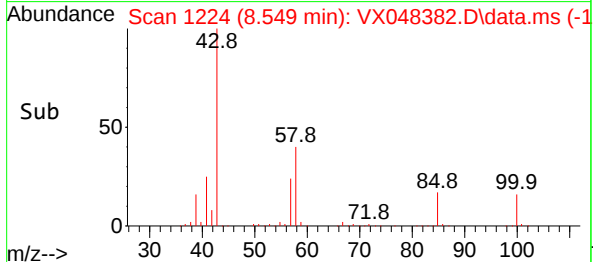
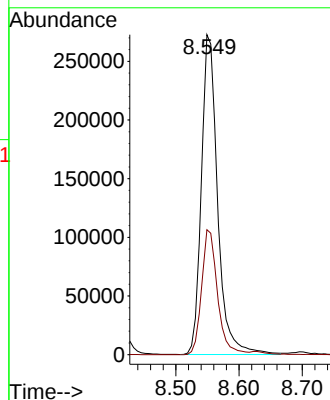
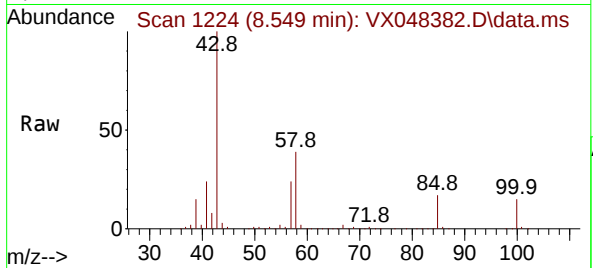




#51
4-Methyl-2-Pentanone
Concen: 267.681 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

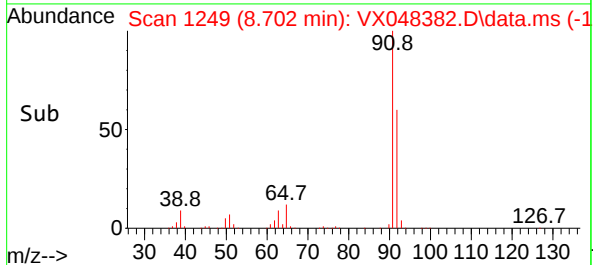
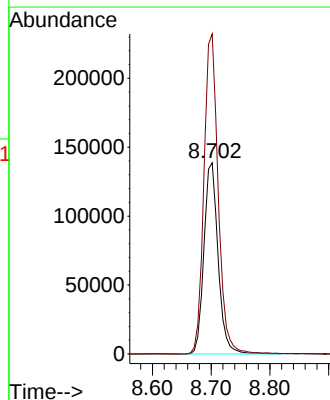
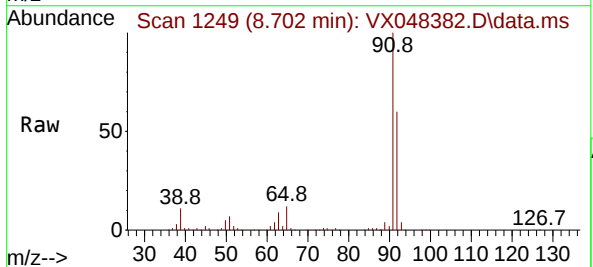
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

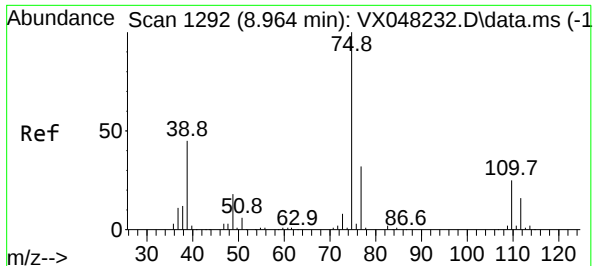
Tgt Ion: 43 Resp: 487998
Ion Ratio Lower Upper
43 100
58 38.2 29.5 44.3



#52
Toluene
Concen: 54.336 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 92 Resp: 232745
Ion Ratio Lower Upper
92 100
91 168.9 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 51.487 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

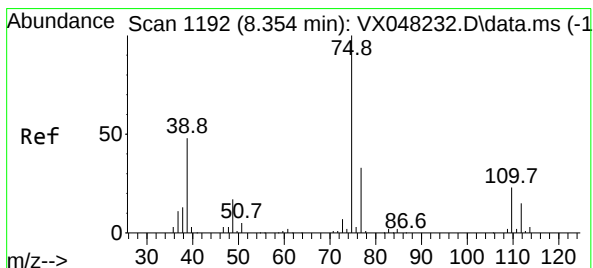
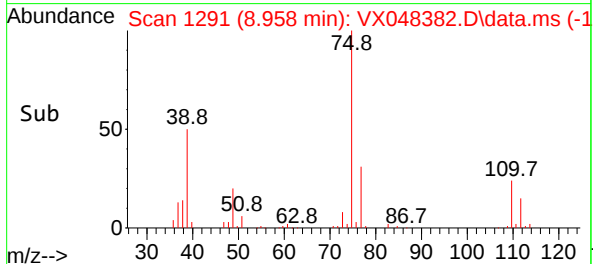
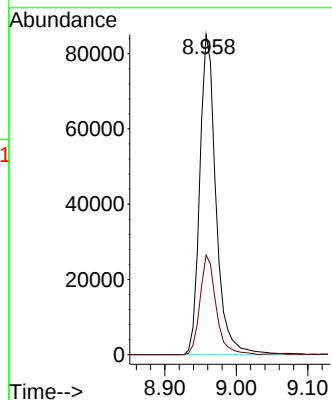
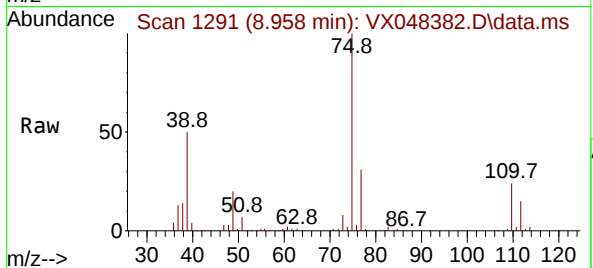
VSTDCCC050

Tgt Ion: 75 Resp: 133796

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 50.113 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

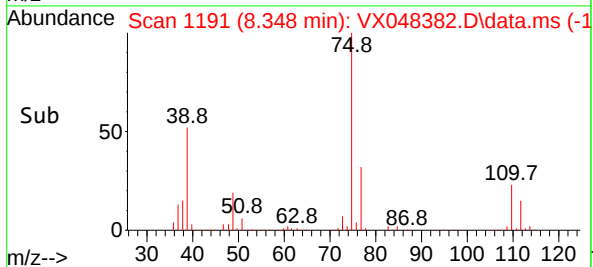
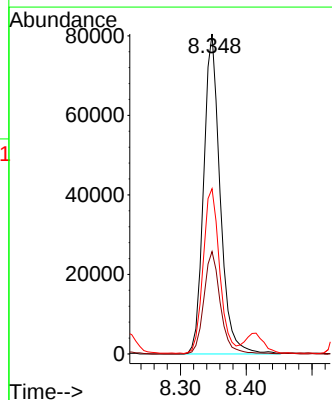
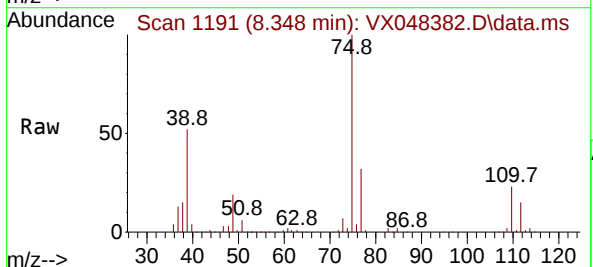
Tgt Ion: 75 Resp: 140501

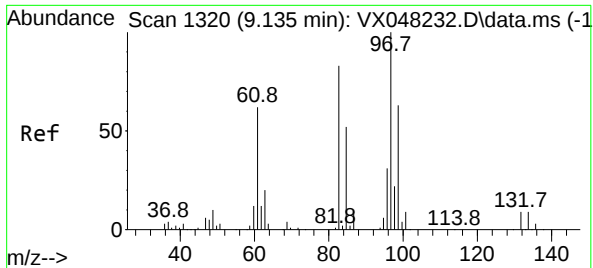
Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3

39 50.8 42.6 64.0



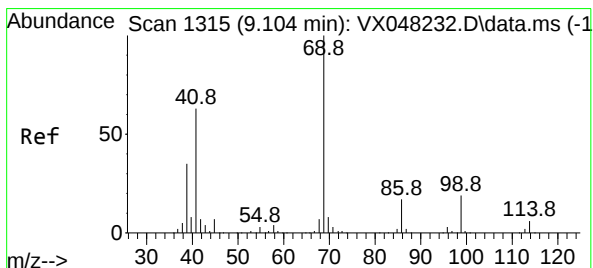
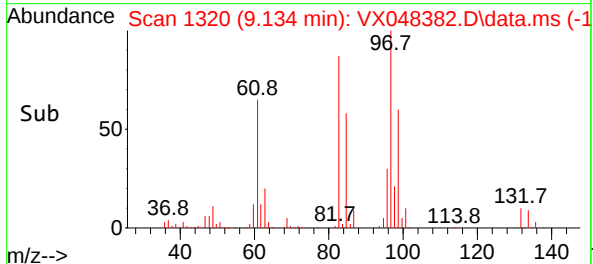
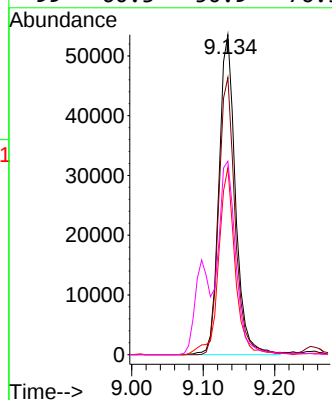
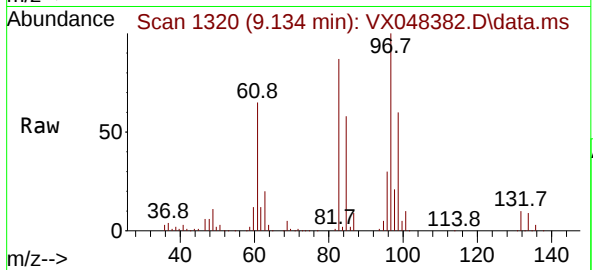


#55
 1,1,2-Trichloroethane
 Concen: 53.940 ug/l
 RT: 9.134 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048382.D
 Acq: 28 Oct 2025 08:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 85923

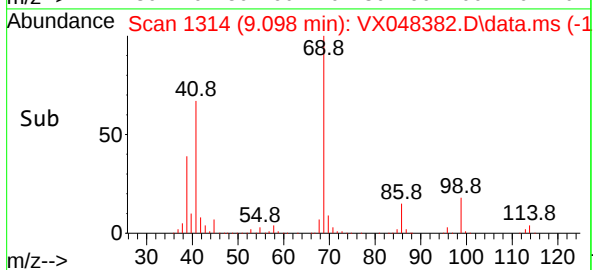
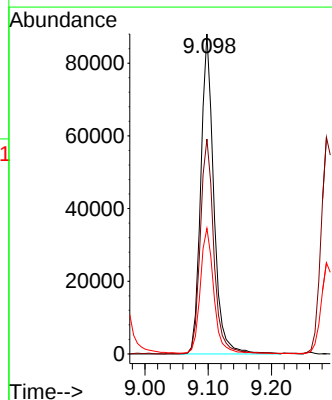
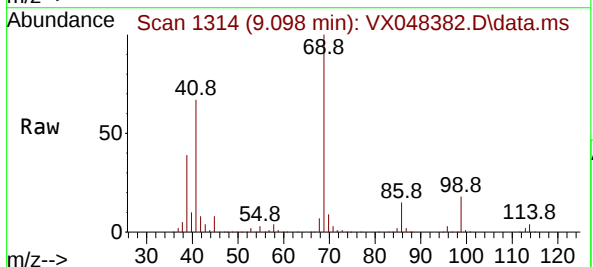
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.6	105.8
85	58.4	45.0	67.6
99	60.3	50.9	76.3

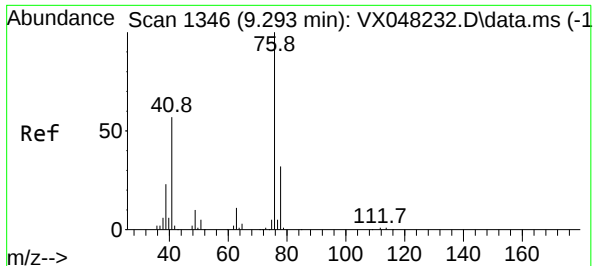


#56
 Ethyl methacrylate
 Concen: 54.267 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VX048382.D
 Acq: 28 Oct 2025 08:33

Tgt Ion: 69 Resp: 126438

Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.0	84.0
39	40.7	31.6	47.4





#57

1,3-Dichloropropane

Concen: 55.164 ug/l

RT: 9.287 min Scan# 11345

Delta R.T. -0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

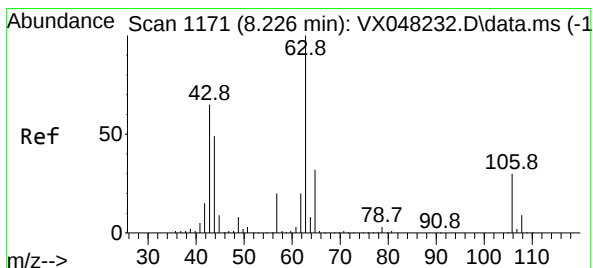
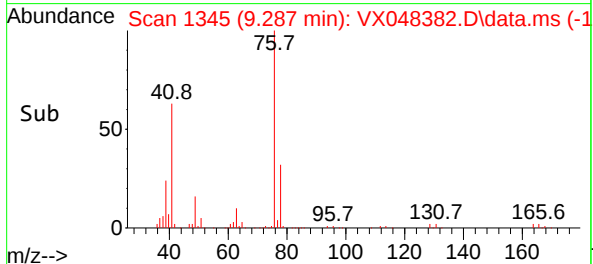
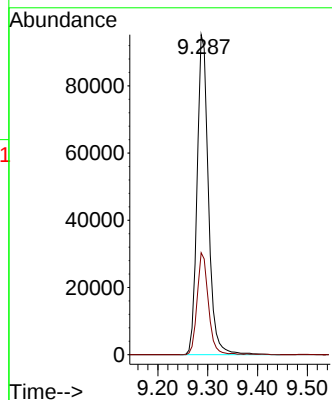
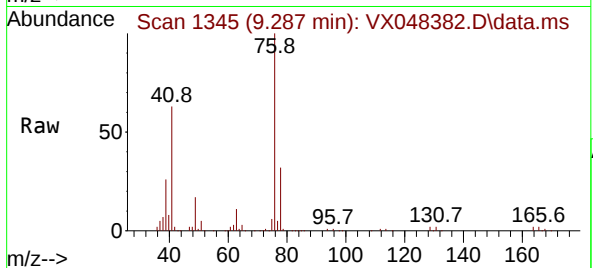
VSTDCCC050

Tgt Ion: 76 Resp: 150097

Ion Ratio Lower Upper

76 100

78 31.6 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 306.233 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048382.D

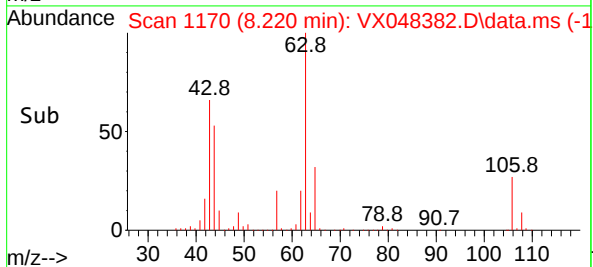
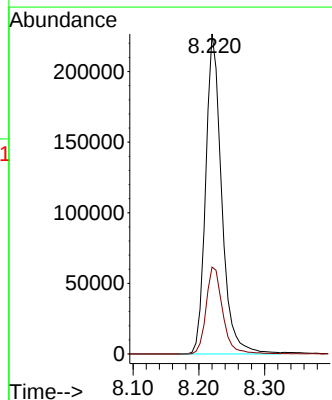
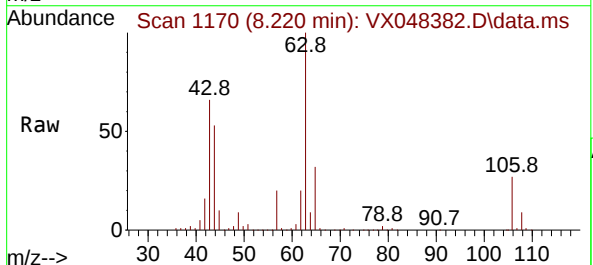
Acq: 28 Oct 2025 08:33

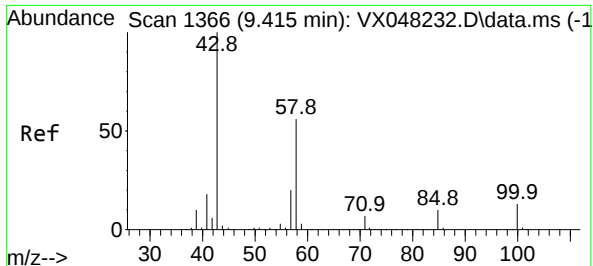
Tgt Ion: 63 Resp: 384130

Ion Ratio Lower Upper

63 100

106 28.1 22.2 33.2





#59

2-Hexanone

Concen: 232.695 ug/l

RT: 9.409 min Scan# 1365

Delta R.T. -0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

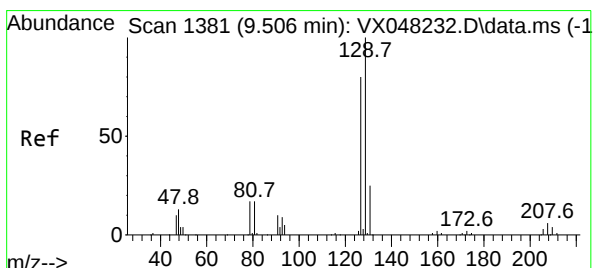
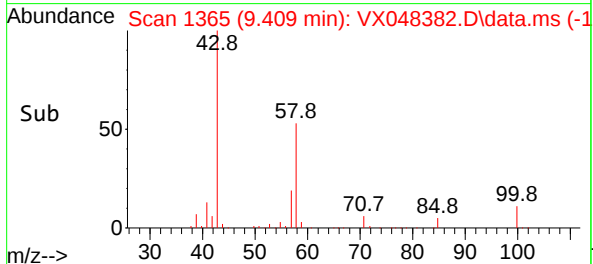
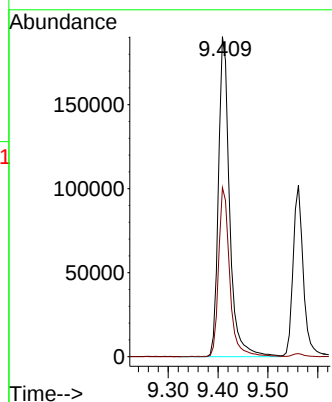
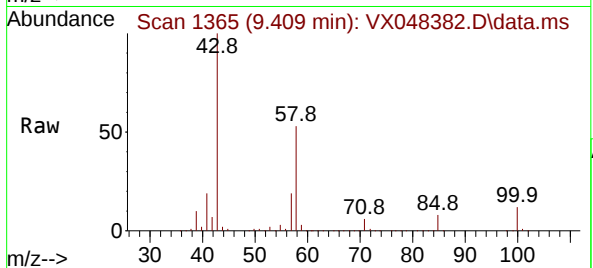
VSTDCCC050

Tgt Ion: 43 Resp: 295802

Ion Ratio Lower Upper

43 100

58 52.7 26.3 78.8



#60

Dibromochloromethane

Concen: 49.940 ug/l

RT: 9.500 min Scan# 1380

Delta R.T. -0.006 min

Lab File: VX048382.D

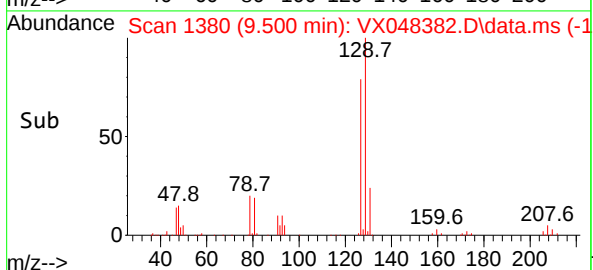
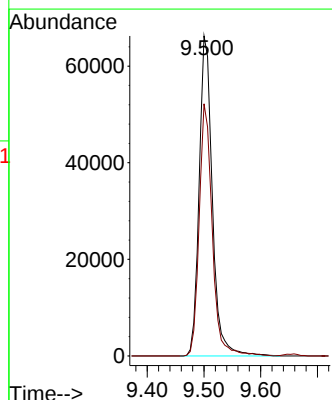
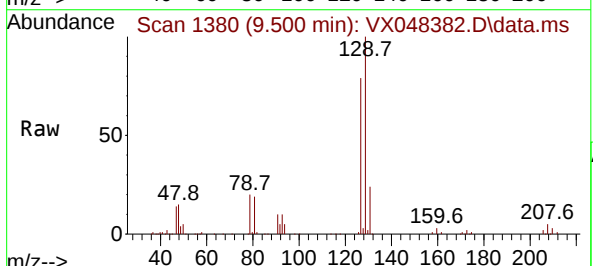
Acq: 28 Oct 2025 08:33

Tgt Ion: 129 Resp: 106921

Ion Ratio Lower Upper

129 100

127 78.2 38.6 115.7

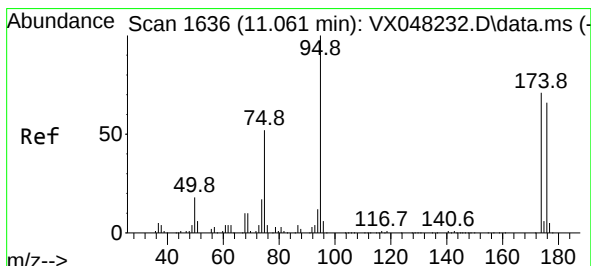
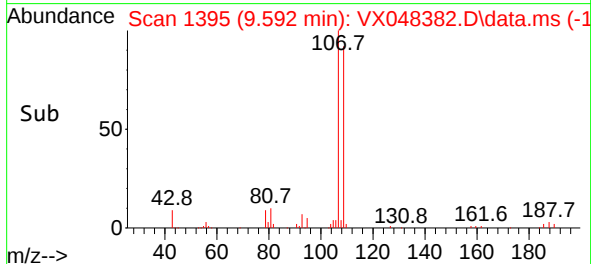
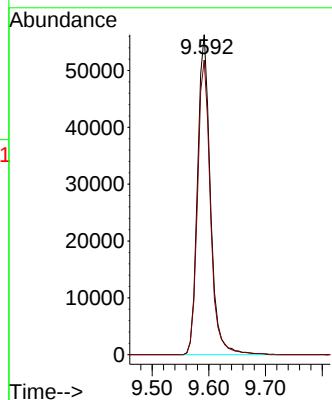
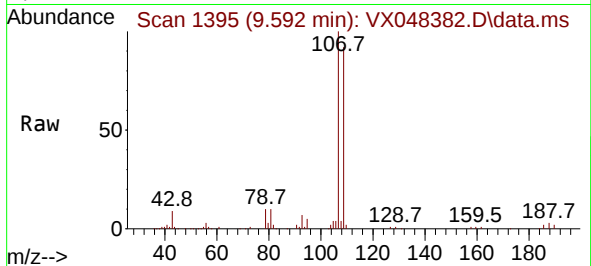




#61
1,2-Dibromoethane
Concen: 52.121 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

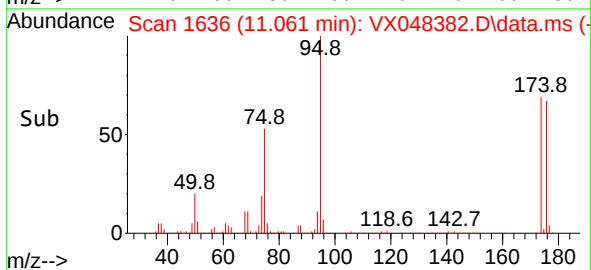
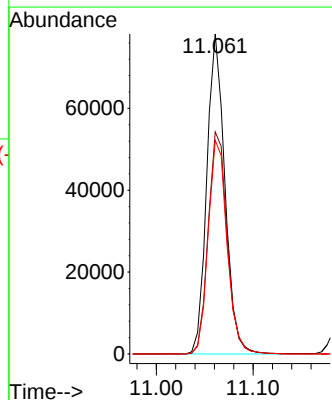
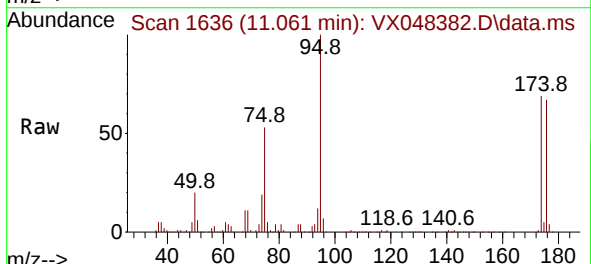
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

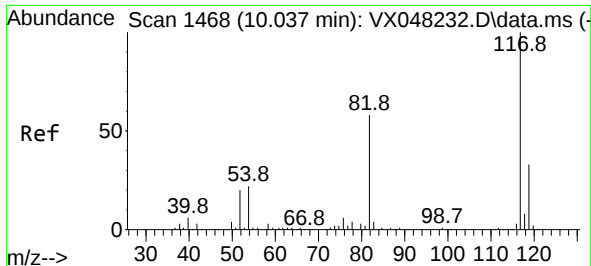
Tgt Ion:107 Resp: 88511
Ion Ratio Lower Upper
107 100
109 92.7 77.0 115.4



#62
4-Bromofluorobenzene
Concen: 46.590 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 95 Resp: 101509
Ion Ratio Lower Upper
95 100
174 72.9 0.0 147.8
176 69.6 0.0 142.8

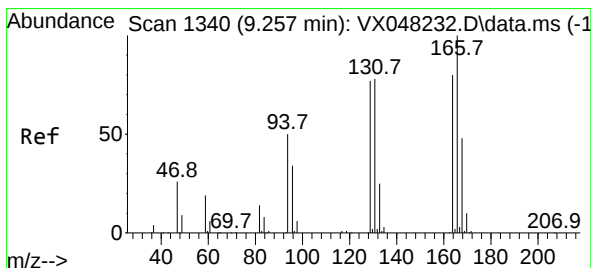
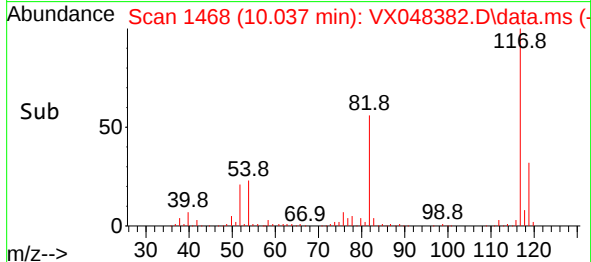
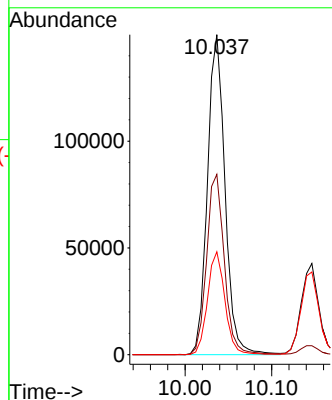
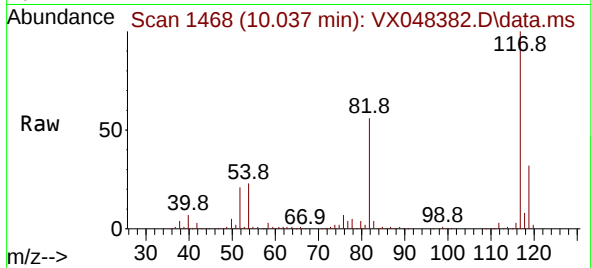




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

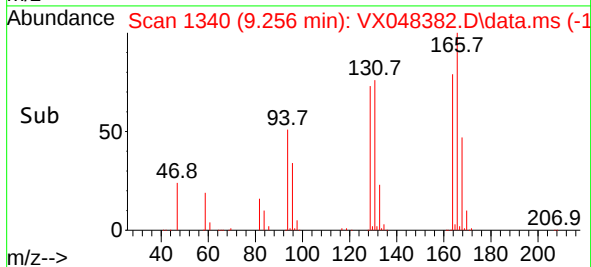
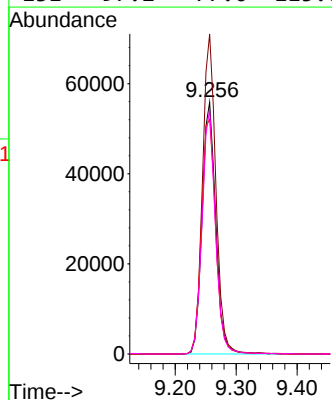
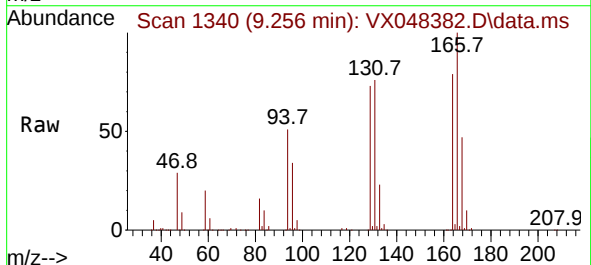
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

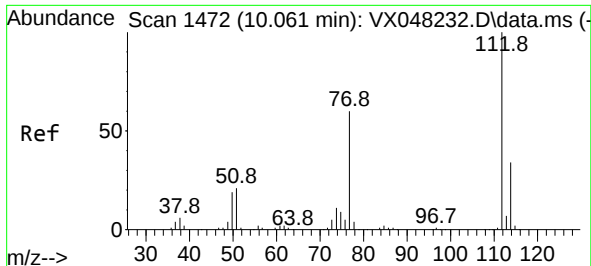
Tgt Ion:117 Resp: 211048
Ion Ratio Lower Upper
117 100
82 56.2 46.5 69.7
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 55.081 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion:164 Resp: 86781
Ion Ratio Lower Upper
164 100
166 127.1 104.5 156.7
129 93.3 81.8 122.6
131 97.2 77.0 115.6

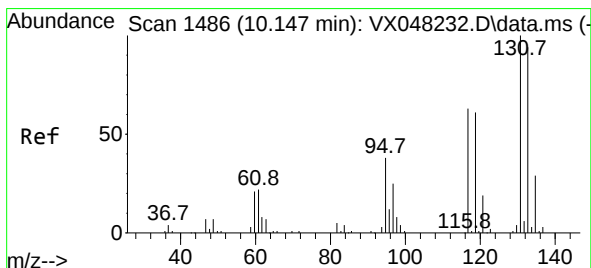
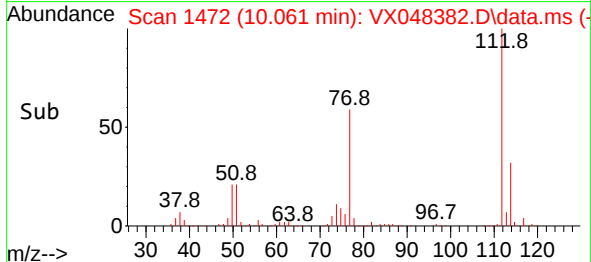
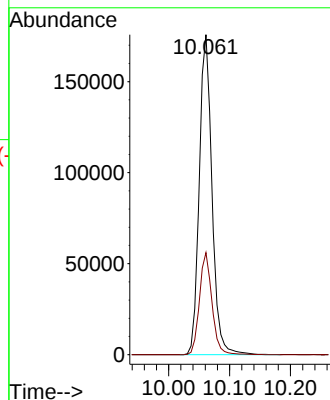
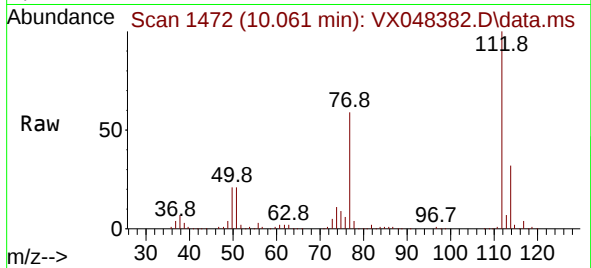




#65
Chlorobenzene
Concen: 53.692 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

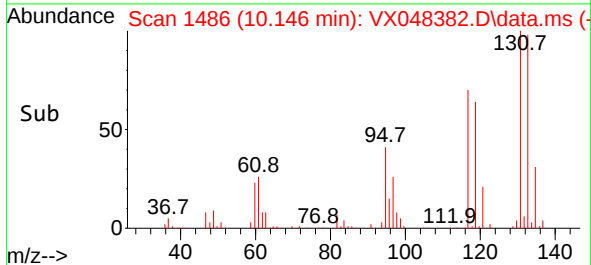
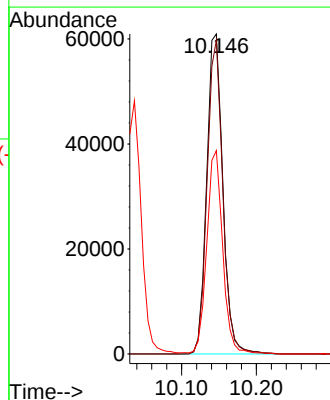
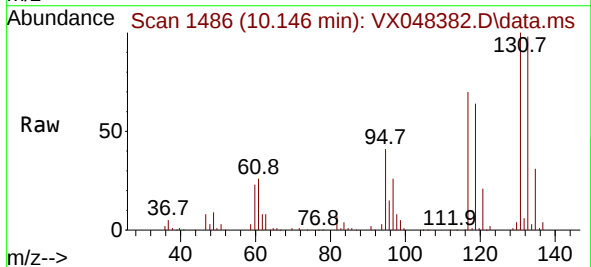
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

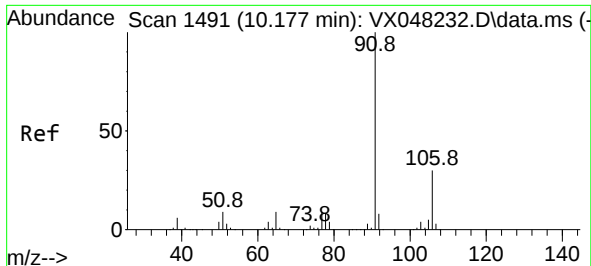
Tgt Ion:112 Resp: 254904
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.412 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion:131 Resp: 91394
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 62.8 32.5 97.5

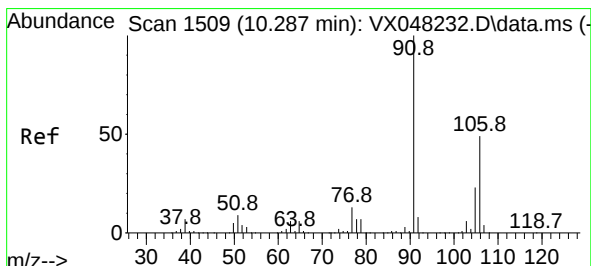
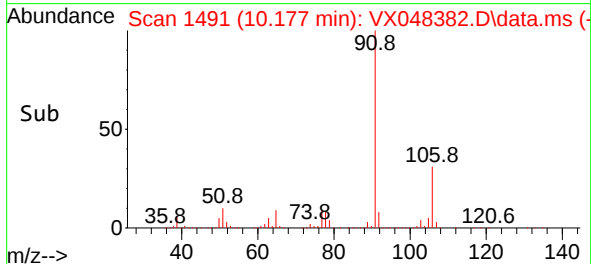
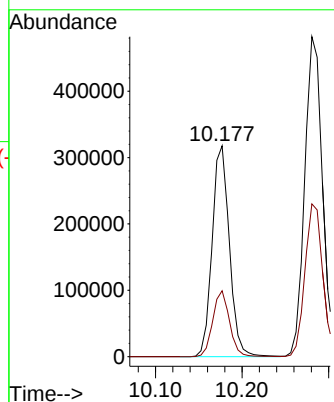
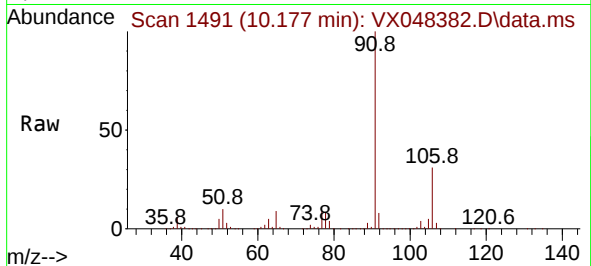




#67
Ethyl Benzene
Concen: 54.405 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

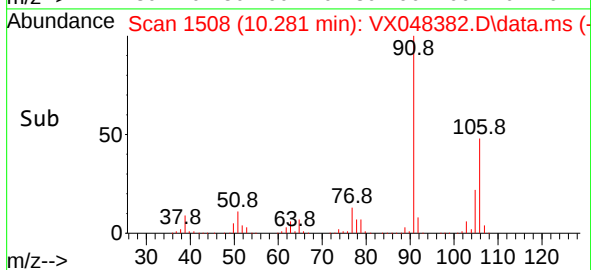
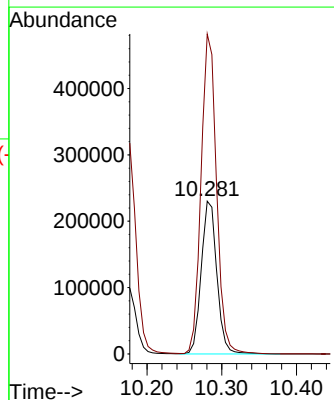
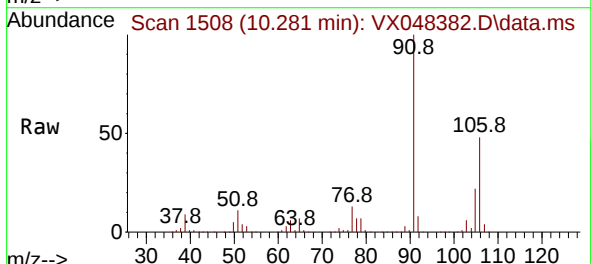
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

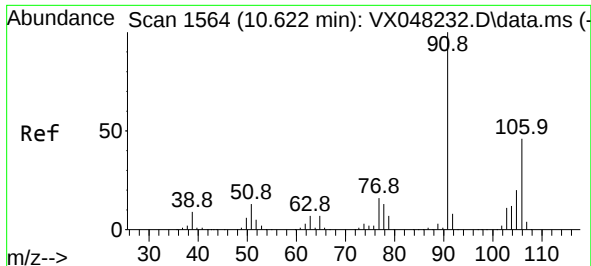
Tgt Ion: 91 Resp: 439762
Ion Ratio Lower Upper
91 100
106 31.2 23.8 35.6



#68
m/p-Xylenes
Concen: 110.800 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 106 Resp: 332760
Ion Ratio Lower Upper
106 100
91 208.2 167.9 251.9

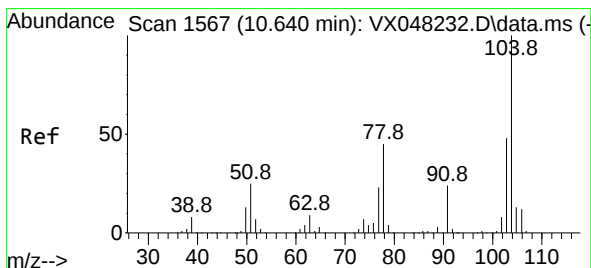
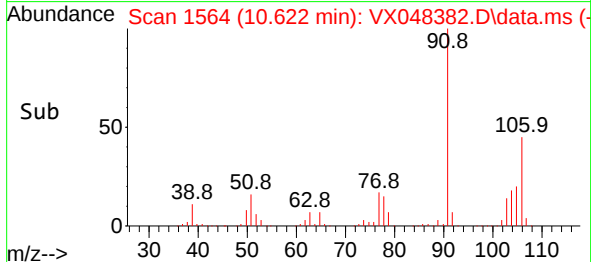
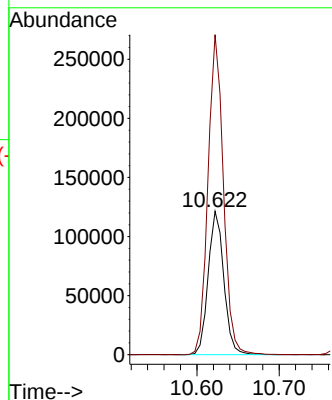
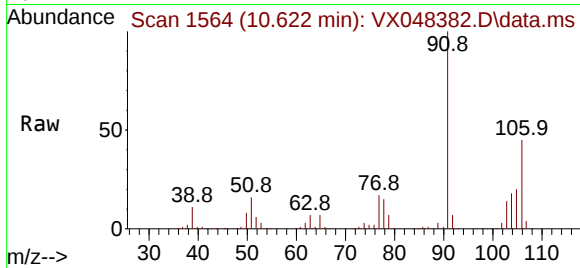




#69
o-Xylene
Concen: 55.255 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

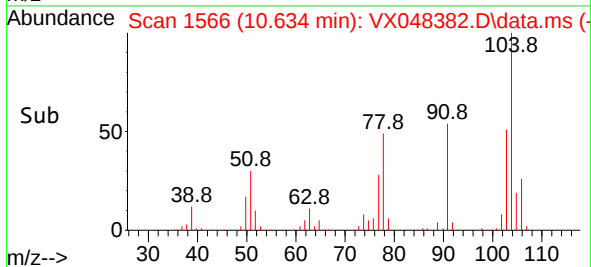
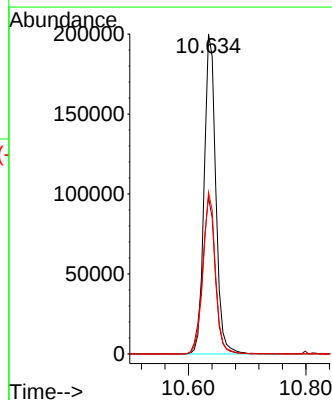
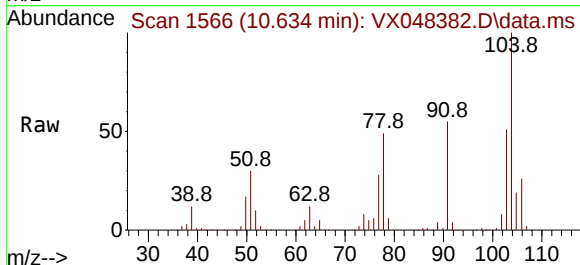
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

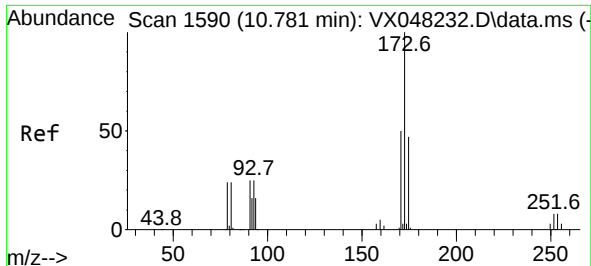
Tgt Ion:106 Resp: 160210
Ion Ratio Lower Upper
106 100
91 220.0 111.3 333.9



#70
Styrene
Concen: 55.774 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion:104 Resp: 275361
Ion Ratio Lower Upper
104 100
78 53.7 42.2 63.4
103 53.9 43.0 64.4

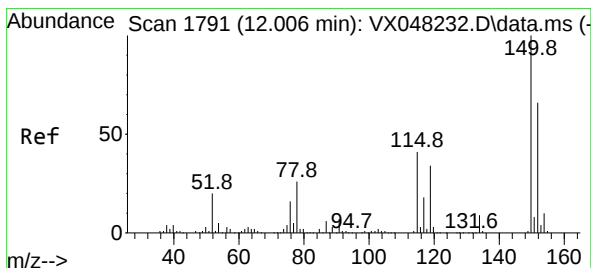
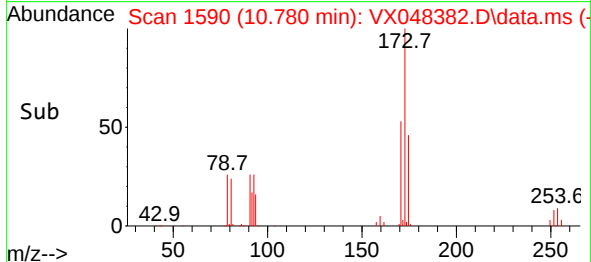
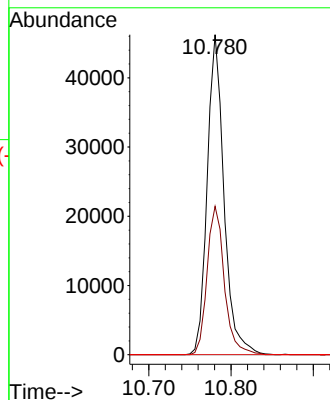
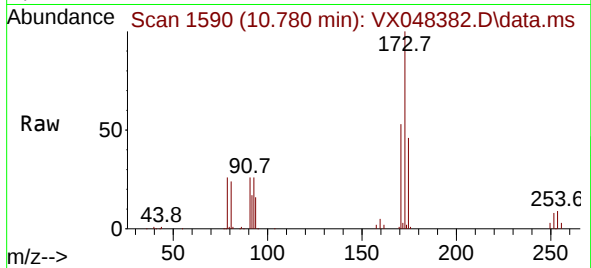




#71
Bromoform
Concen: 46.975 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

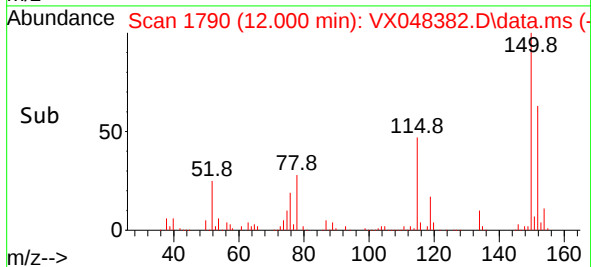
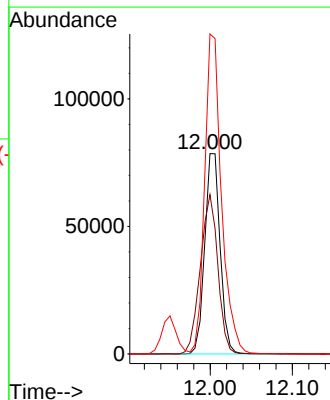
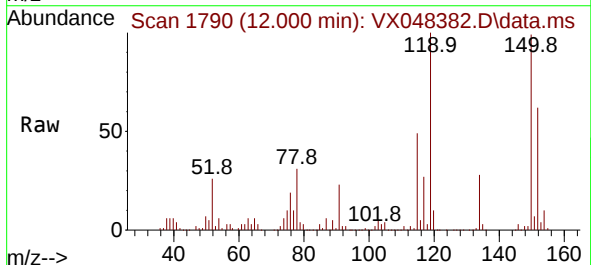
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

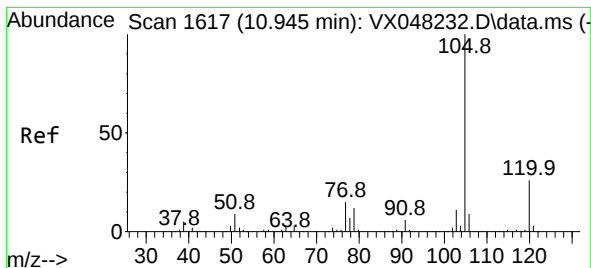
Tgt Ion:173 Resp: 65468
Ion Ratio Lower Upper
173 100
175 47.8 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion:152 Resp: 102008
Ion Ratio Lower Upper
152 100
115 90.5 43.1 129.4
150 174.8 0.0 353.0





#73

Isopropylbenzene

Concen: 55.246 ug/l

RT: 10.945 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

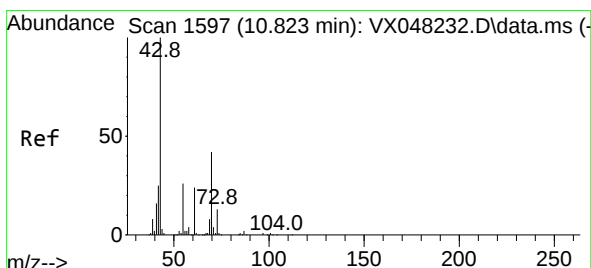
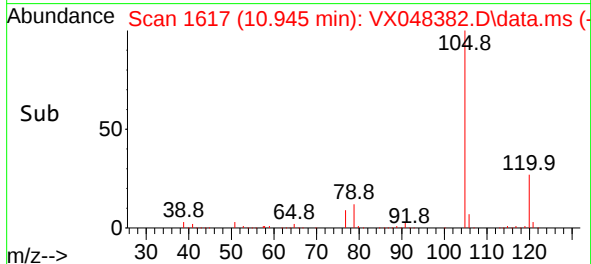
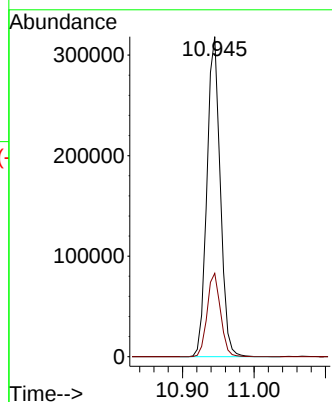
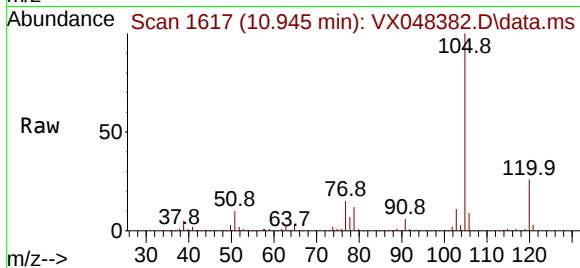
VSTDCCC050

Tgt Ion:105 Resp: 411618

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 59.076 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. -0.000 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Tgt Ion: 43 Resp: 156128

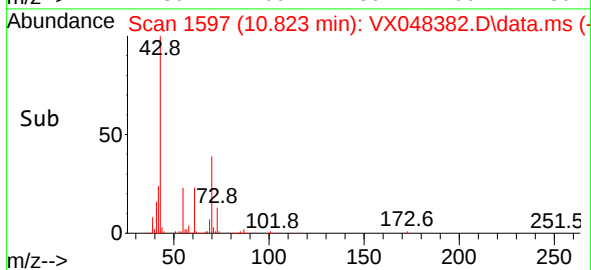
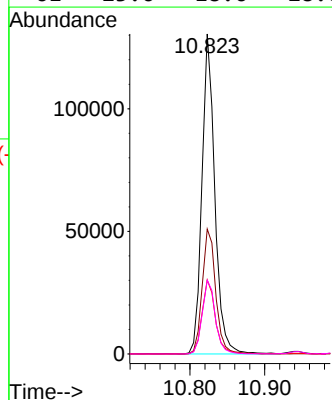
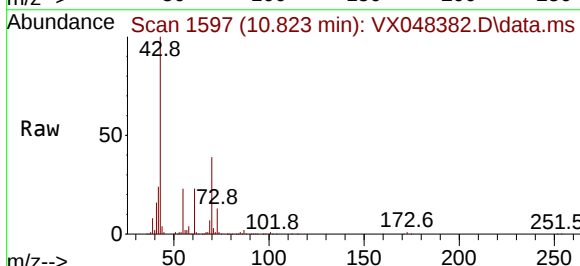
Ion Ratio Lower Upper

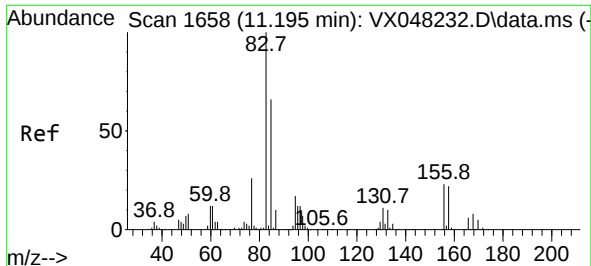
43 100

70 41.0 32.2 48.2

55 24.1 19.1 28.7

61 23.6 18.6 28.0

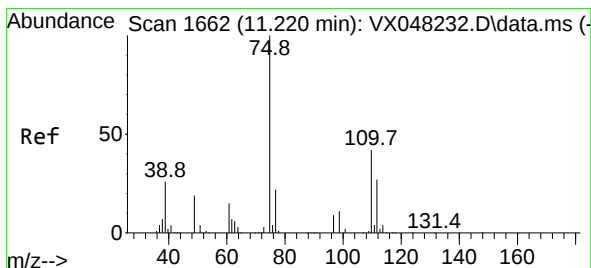
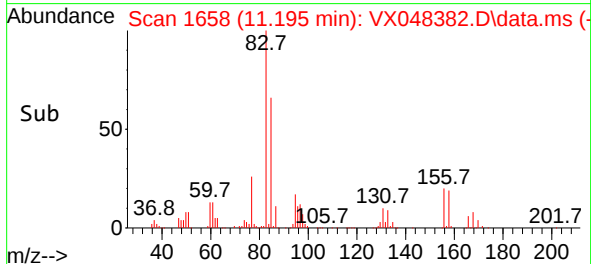
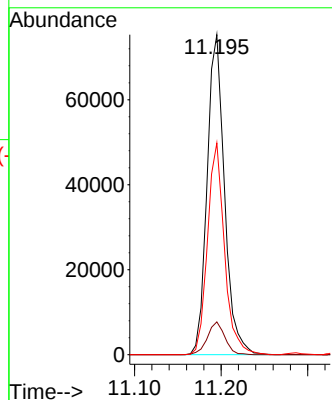
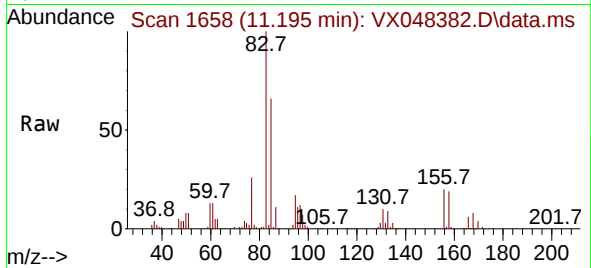




#75
1,1,2,2-Tetrachloroethane
Concen: 51.686 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

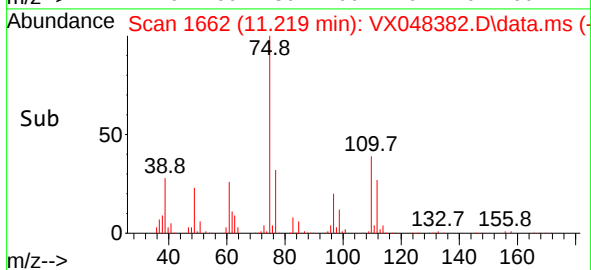
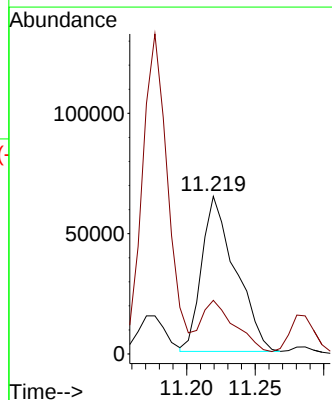
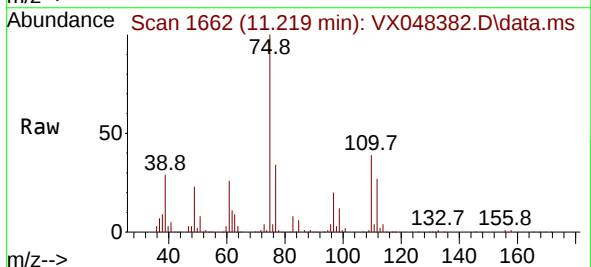
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

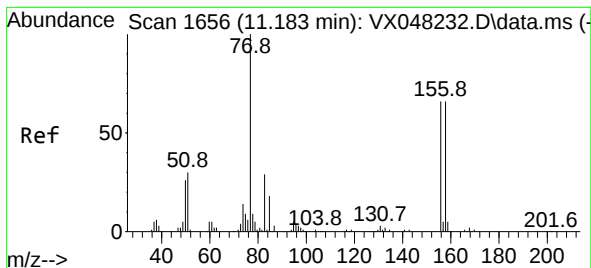
Tgt Ion: 83 Resp: 105165
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.4
85 64.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 66.914 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 75 Resp: 110691
Ion Ratio Lower Upper
75 100
77 35.5 22.4 67.2





#77

Bromobenzene

Concen: 53.783 ug/l

RT: 11.177 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

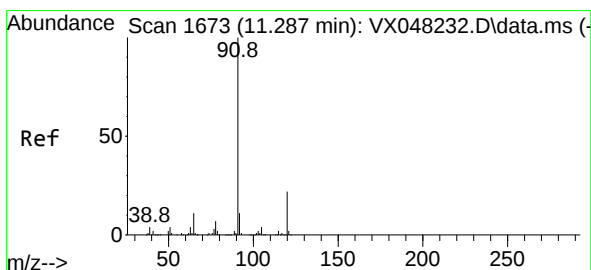
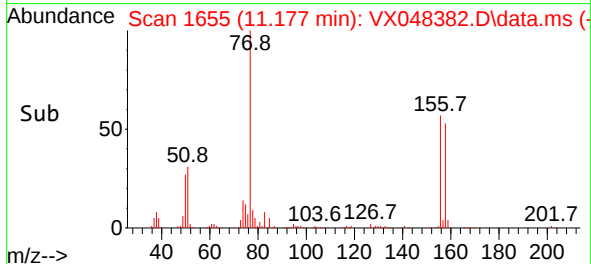
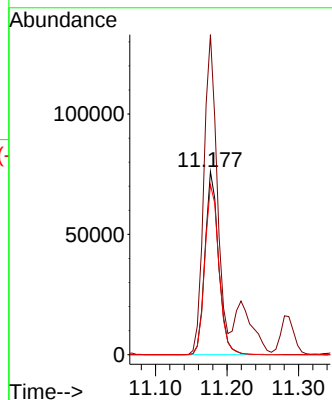
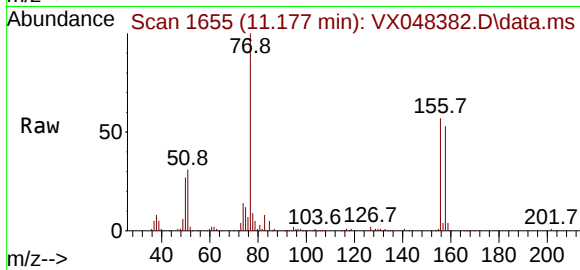
Tgt Ion:156 Resp: 100477

Ion Ratio Lower Upper

156 100

77 171.6 87.0 261.0

158 96.1 47.8 143.4



#78

n-propylbenzene

Concen: 57.608 ug/l

RT: 11.286 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048382.D

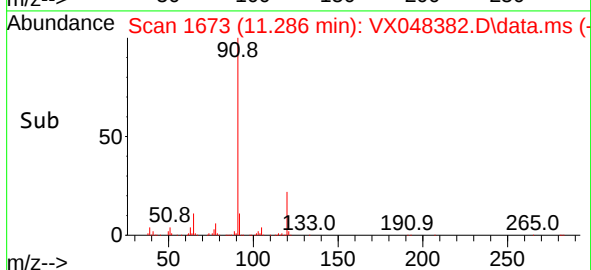
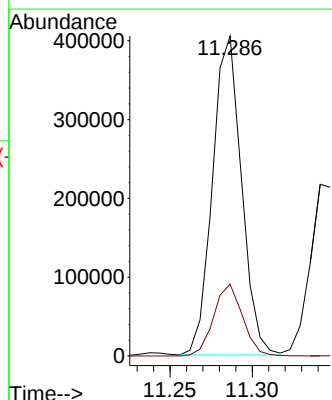
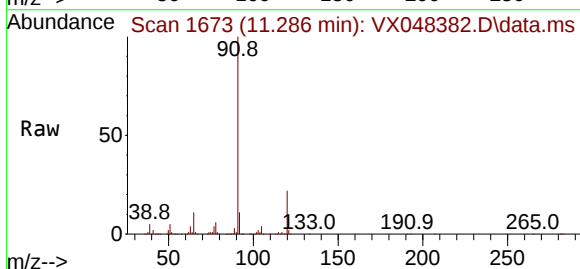
Acq: 28 Oct 2025 08:33

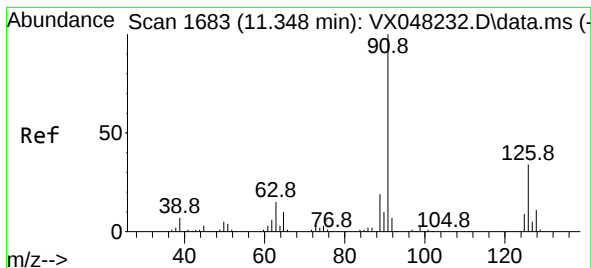
Tgt Ion: 91 Resp: 496966

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.1





#79

2-Chlorotoluene

Concen: 55.591 ug/l

RT: 11.341 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

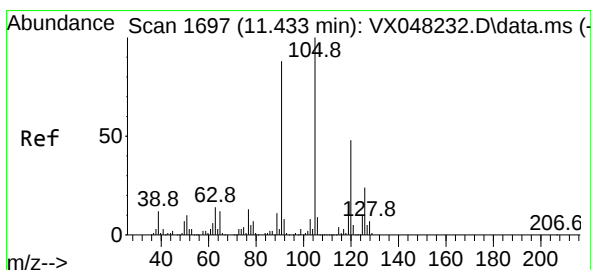
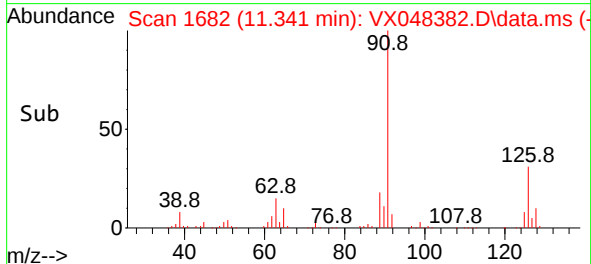
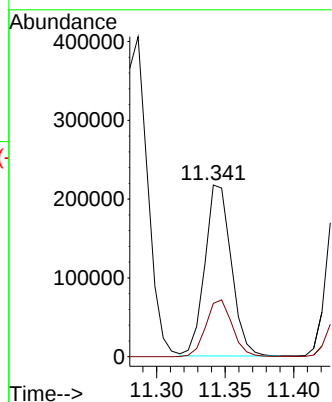
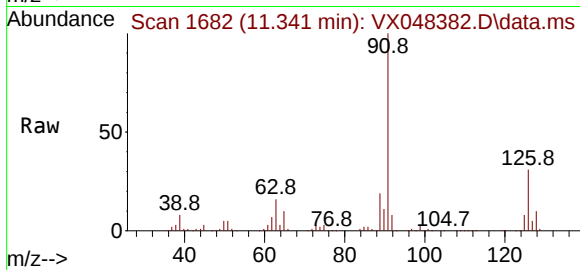
VSTDCCC050

Tgt Ion: 91 Resp: 290751

Ion Ratio Lower Upper

91 100

126 33.2 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 55.256 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048382.D

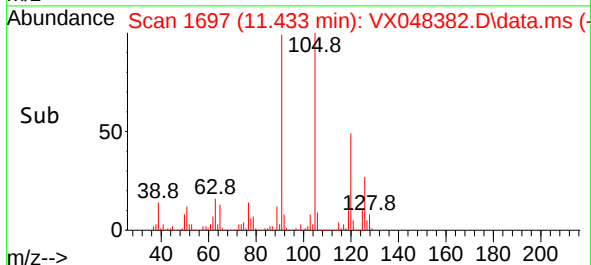
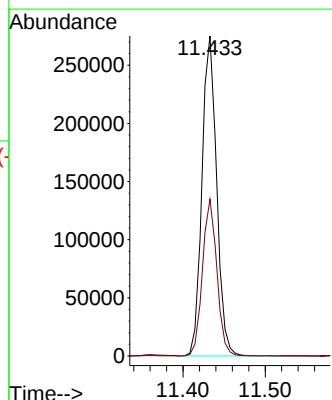
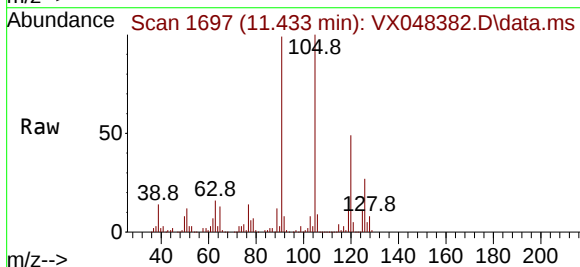
Acq: 28 Oct 2025 08:33

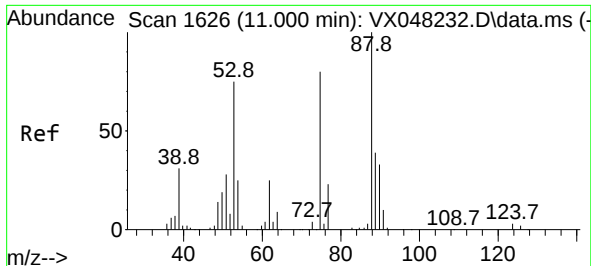
Tgt Ion:105 Resp: 340699

Ion Ratio Lower Upper

105 100

120 48.2 24.0 72.0

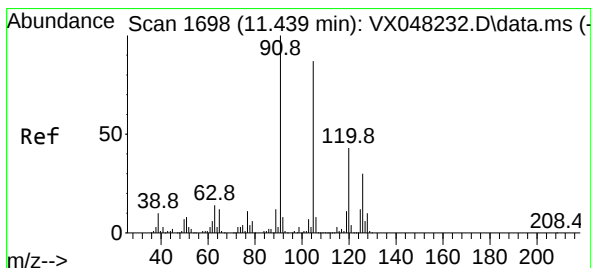
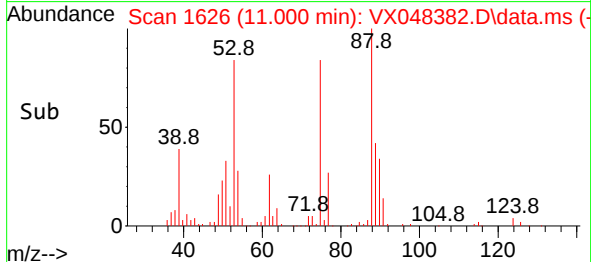
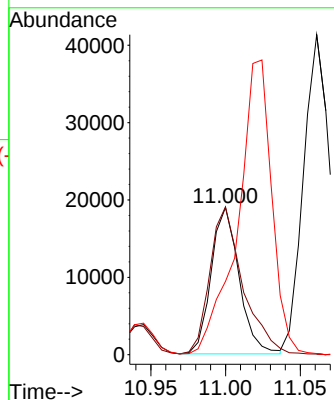
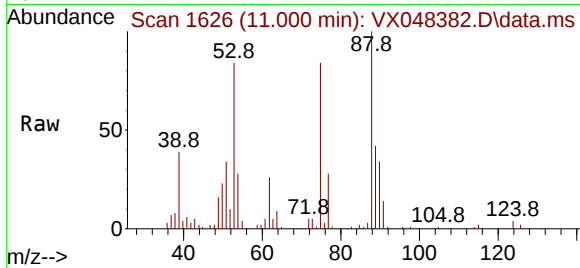




#81
trans-1,4-Dichloro-2-butene
Concen: 36.205 ug/l
RT: 11.000 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

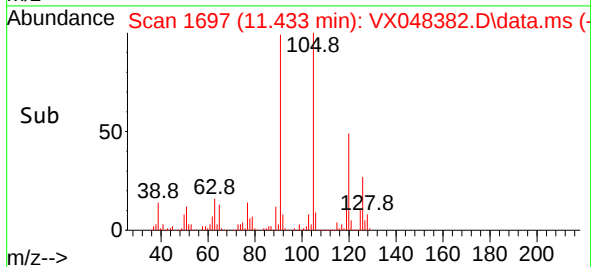
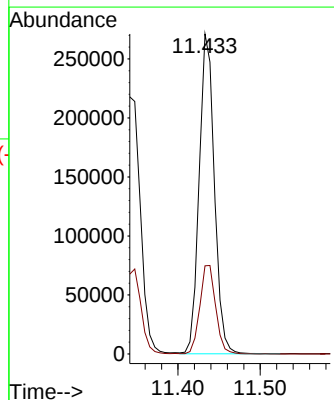
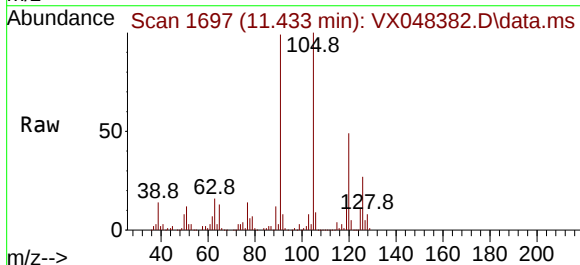
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

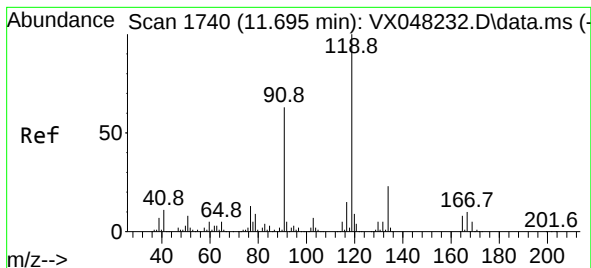
Tgt Ion: 75 Resp: 24617
Ion Ratio Lower Upper
75 100
53 120.5 79.5 119.3#
89 0.0 36.8 55.2#



#82
4-Chlorotoluene
Concen: 56.113 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 91 Resp: 348392
Ion Ratio Lower Upper
91 100
126 28.8 14.1 42.4





#83

tert-Butylbenzene

Concen: 53.306 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

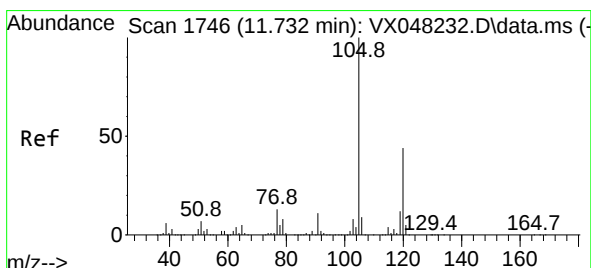
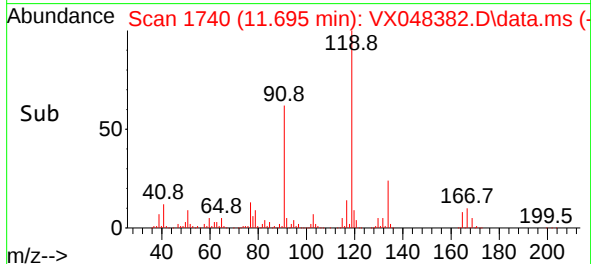
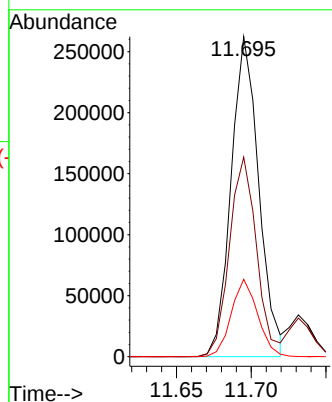
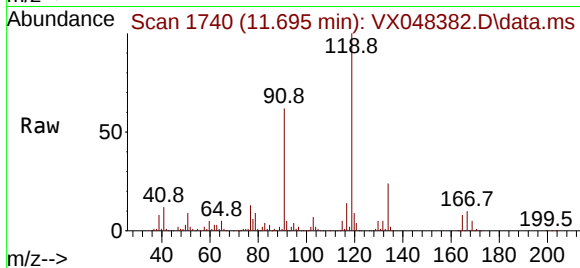
Tgt Ion:119 Resp: 337702

Ion Ratio Lower Upper

119 100

91 61.3 30.3 91.0

134 23.1 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 55.700 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048382.D

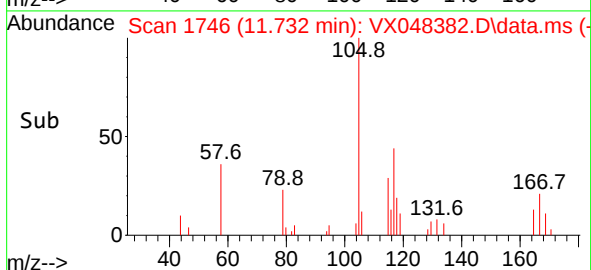
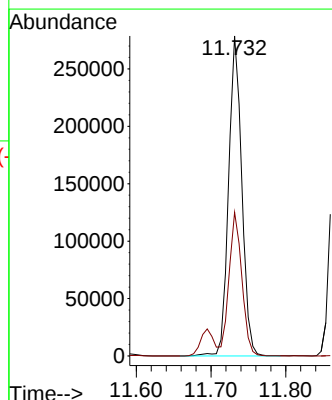
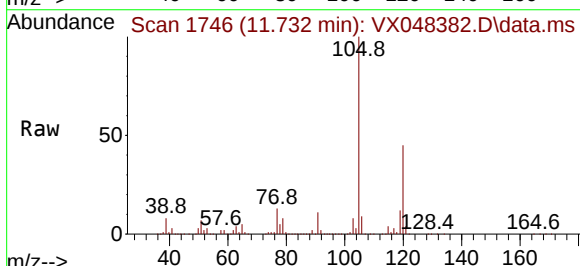
Acq: 28 Oct 2025 08:33

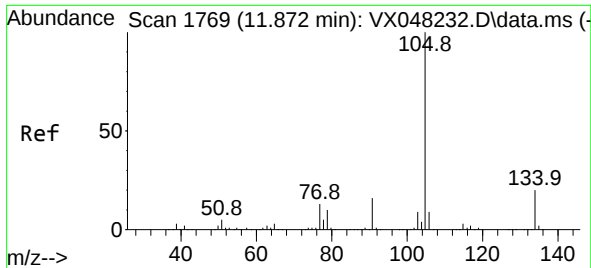
Tgt Ion:105 Resp: 342744

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.5

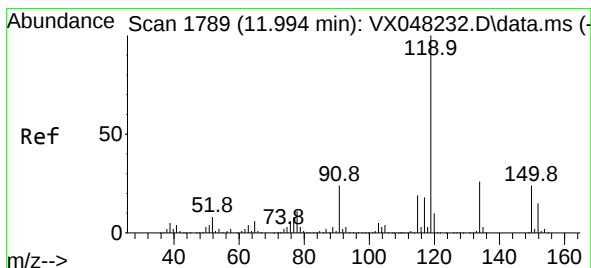
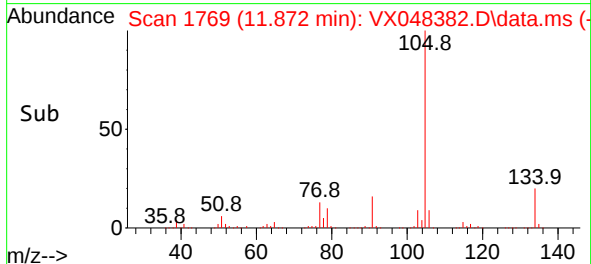
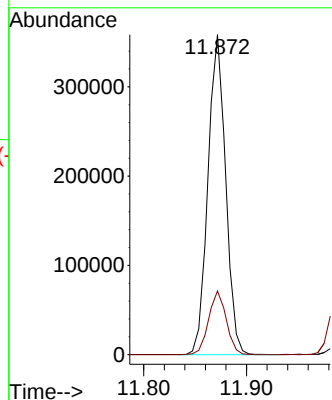
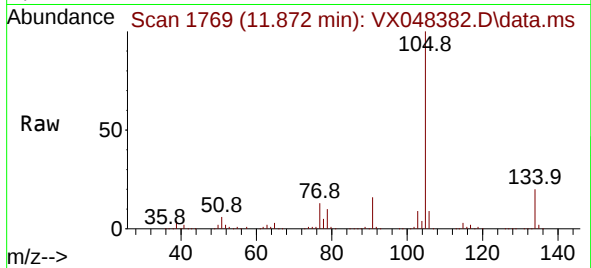




#85
 sec-Butylbenzene
 Concen: 56.336 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048382.D
 Acq: 28 Oct 2025 08:33

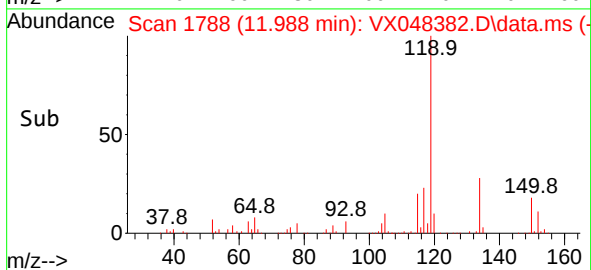
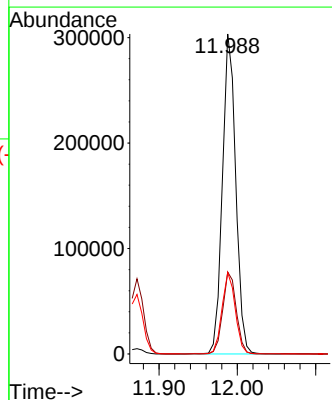
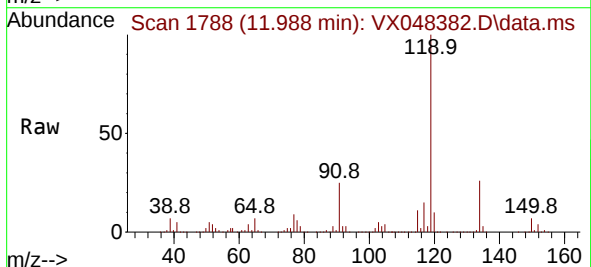
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 429387
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 54.654 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048382.D
 Acq: 28 Oct 2025 08:33

Tgt Ion:119 Resp: 360055
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 25.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 51.941 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

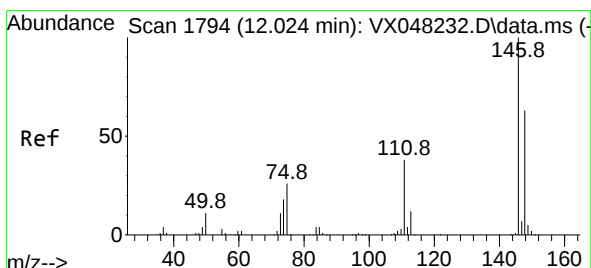
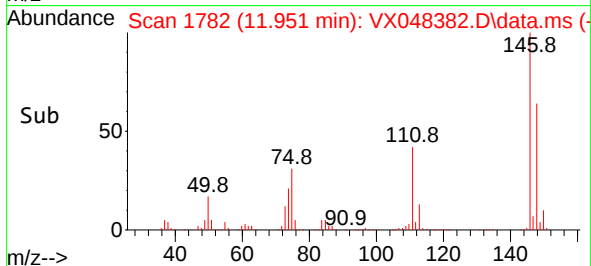
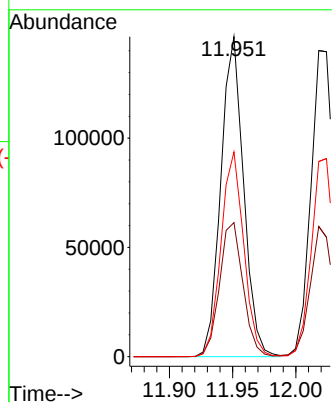
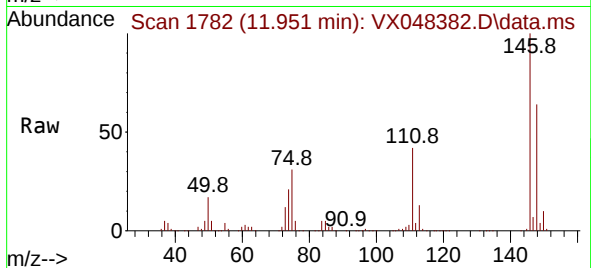
Tgt Ion:146 Resp: 182928

Ion Ratio Lower Upper

146 100

111 43.3 20.4 61.2

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 50.513 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

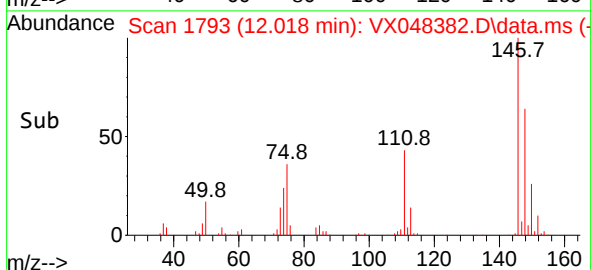
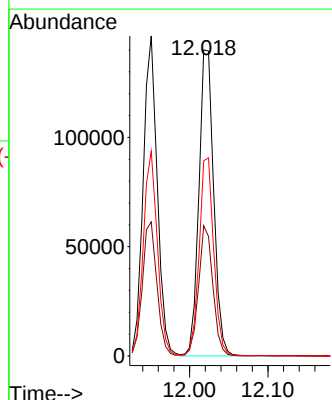
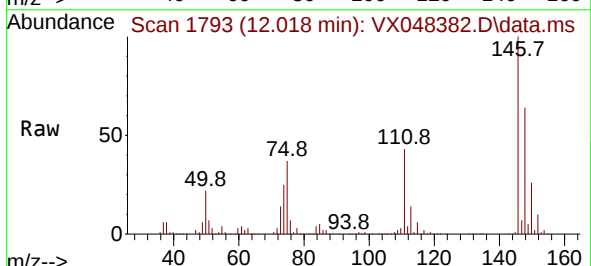
Tgt Ion:146 Resp: 184298

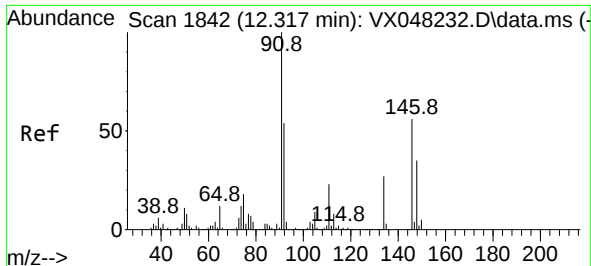
Ion Ratio Lower Upper

146 100

111 41.4 20.1 60.2

148 63.7 31.8 95.3





#89

n-Butylbenzene

Concen: 55.673 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

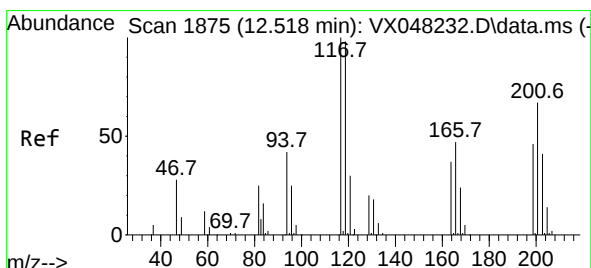
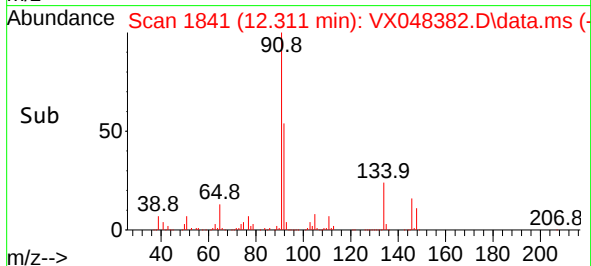
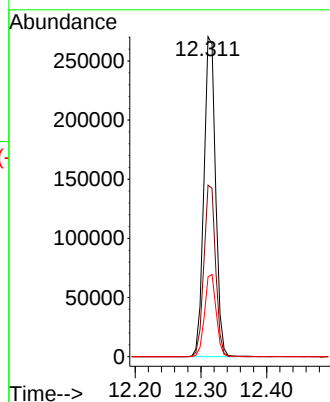
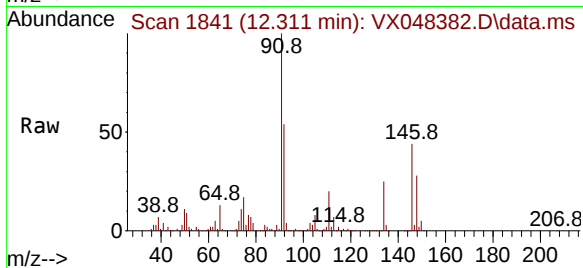
Tgt Ion: 91 Resp: 333834

Ion Ratio Lower Upper

91 100

92 53.6 26.9 80.6

134 25.5 12.7 38.1



#90

Hexachloroethane

Concen: 48.559 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX048382.D

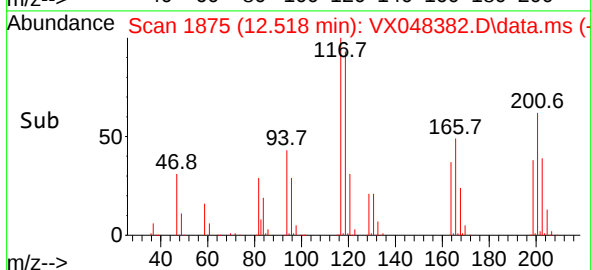
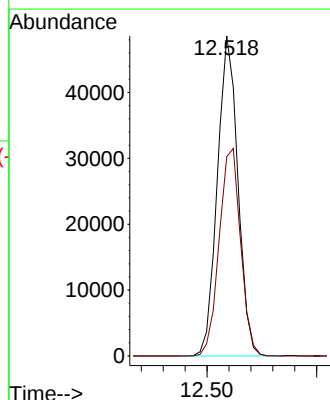
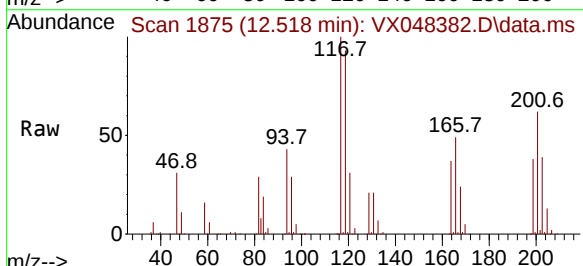
Acq: 28 Oct 2025 08:33

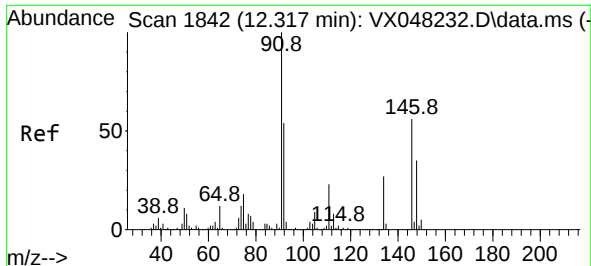
Tgt Ion: 117 Resp: 63174

Ion Ratio Lower Upper

117 100

201 67.8 34.1 102.2

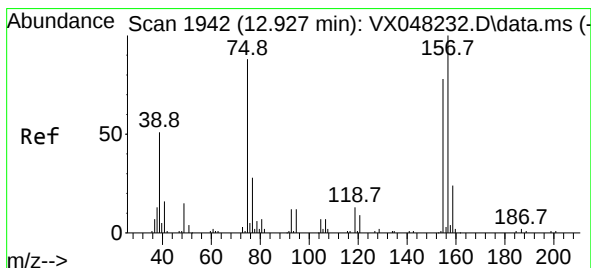
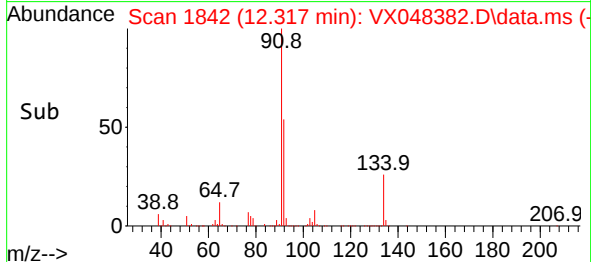
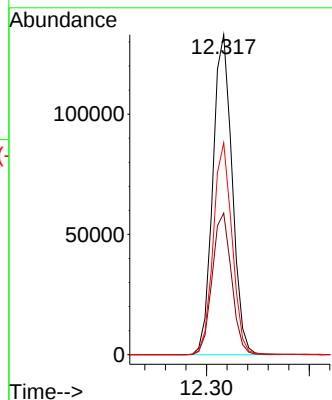
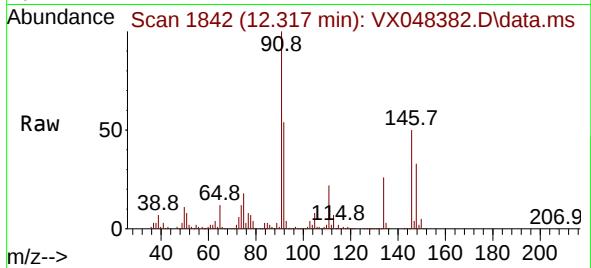




#91
1,2-Dichlorobenzene
Concen: 52.444 ug/l
RT: 12.317 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

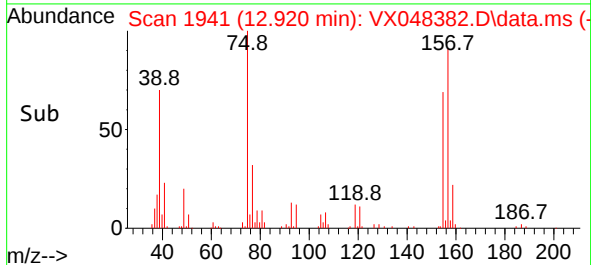
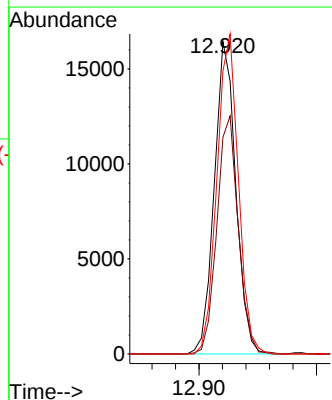
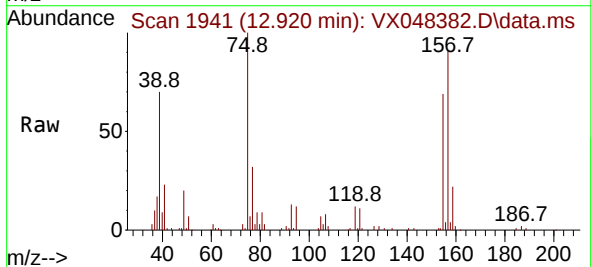
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

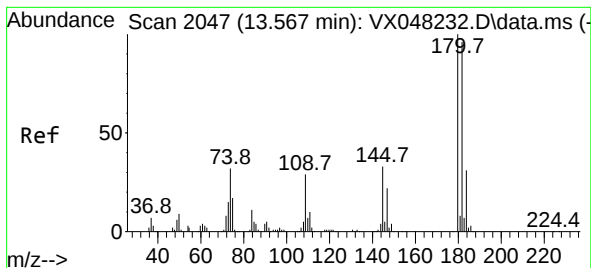
Tgt Ion:146 Resp: 173412
Ion Ratio Lower Upper
146 100
111 44.3 21.9 65.5
148 64.4 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.532 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048382.D
Acq: 28 Oct 2025 08:33

Tgt Ion: 75 Resp: 20870
Ion Ratio Lower Upper
75 100
155 76.0 42.8 128.4
157 102.2 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 51.813 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

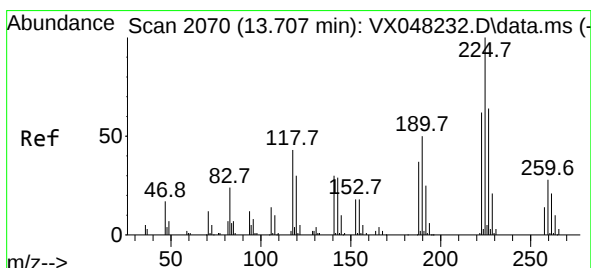
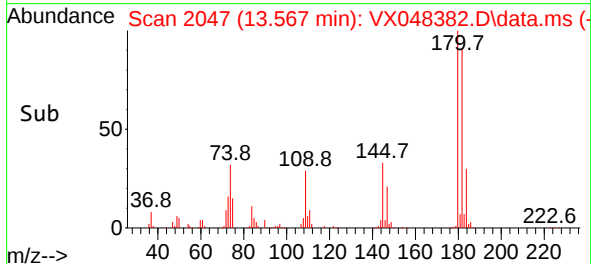
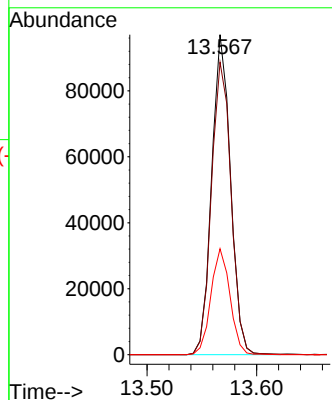
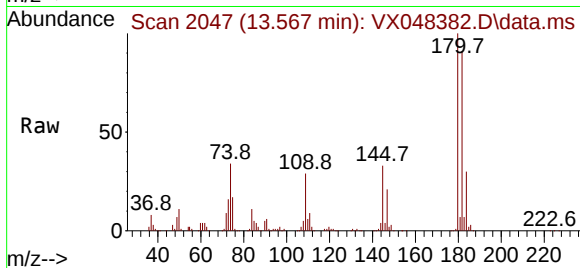
Tgt Ion:180 Resp: 115862

Ion Ratio Lower Upper

180 100

182 95.4 47.3 142.0

145 33.6 16.3 48.9



#94

Hexachlorobutadiene

Concen: 54.558 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

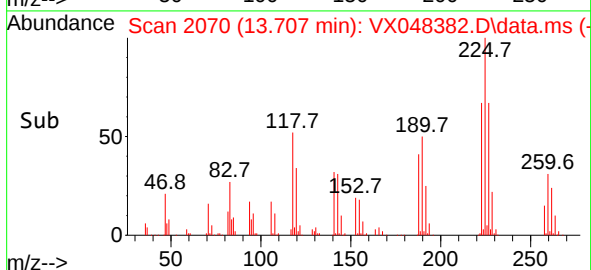
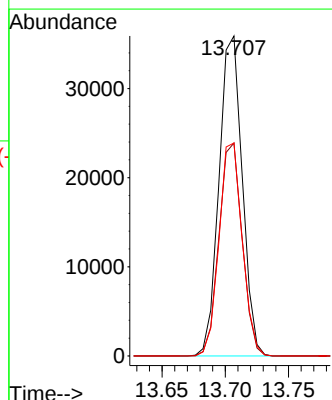
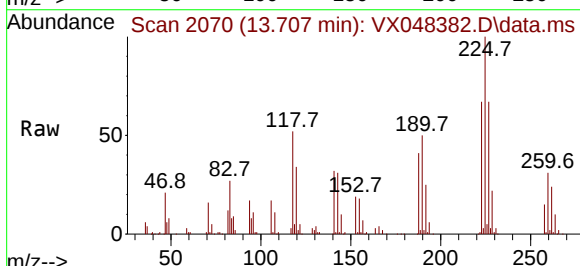
Tgt Ion:225 Resp: 45721

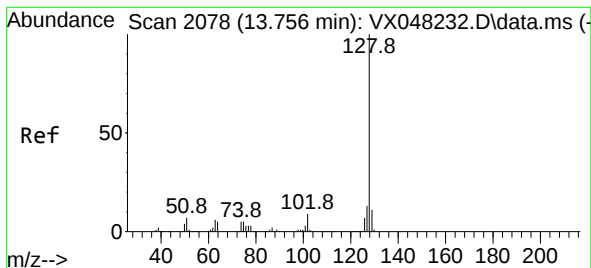
Ion Ratio Lower Upper

225 100

223 66.4 32.6 97.7

227 66.4 32.5 97.4





#95

Naphthalene

Concen: 51.398 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

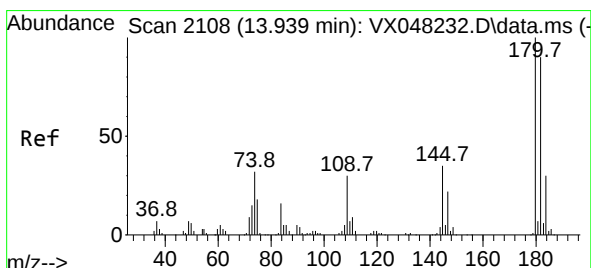
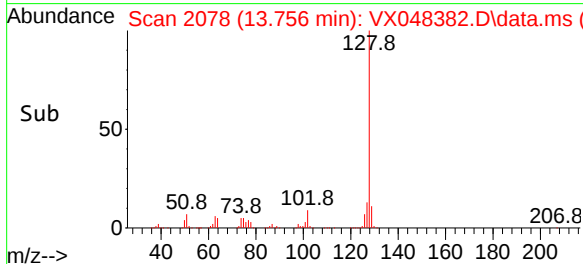
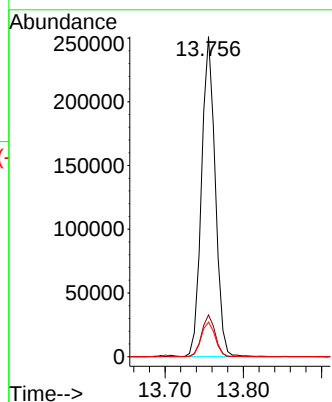
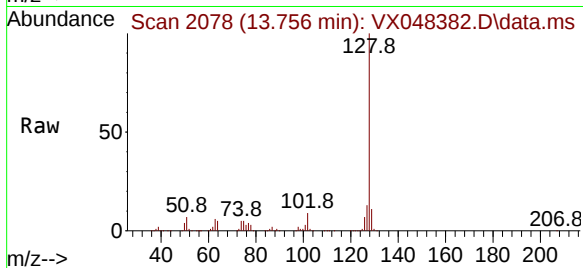
Tgt Ion:128 Resp: 304504

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.626 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048382.D

Acq: 28 Oct 2025 08:33

Tgt Ion:180 Resp: 105934

Ion Ratio Lower Upper

180 100

182 95.8 46.6 139.7

145 34.8 16.9 50.7

