

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
 Data File : VX048555.D
 Acq On : 11 Nov 2025 11:43
 Operator : JC/MD
 Sample : Q3584-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2

Quant Time: Nov 12 04:44:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

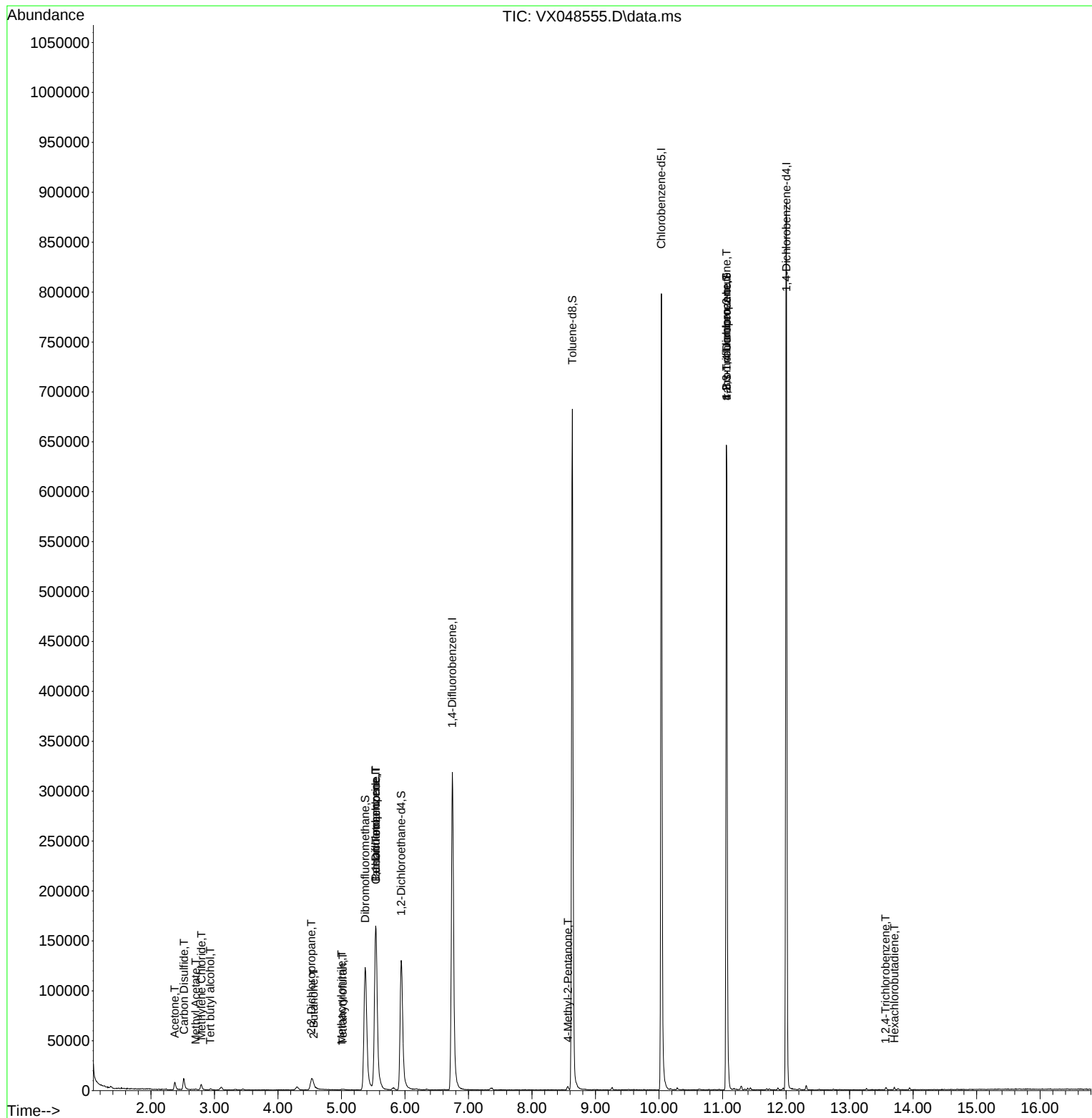
Internal Standards						
1) Pentafluorobenzene	5.538	168	180349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	362115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	387054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	202689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	142446	56.683	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.360%
35) Dibromofluoromethane	5.373	113	126313	46.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.180%
50) Toluene-d8	8.635	98	439077	51.367	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.740%
62) 4-Bromofluorobenzene	11.061	95	191335	60.064	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.120%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.934	59	539	1.132	ug/l #	71
16) Acetone	2.373	43	9784	8.225	ug/l	96
17) Carbon Disulfide	2.520	76	1204	0.204	ug/l #	75
18) Methyl Acetate	2.703	43	1285	0.393	ug/l #	67
20) Methylene Chloride	2.794	84	2550	1.043	ug/l	94
25) 2-Butanone	4.562	43	2626	1.492	ug/l #	83
26) 2,2-Dichloropropane	4.526	77	1103	0.314	ug/l #	52
29) Tetrahydrofuran	5.019	42	1021	0.813	ug/l #	56
36) 1,1-Dichloropropene	5.538	75	13234	3.606	ug/l #	49
38) Carbon Tetrachloride	5.544	117	17309	4.143	ug/l #	18
41) Methacrylonitrile	5.001	41	506	0.223	ug/l #	21
51) 4-Methyl-2-Pentanone	8.568	43	2484	0.601	ug/l	91
76) 1,2,3-Trichloropropane	11.061	75	92585	18.960	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	92585	54.233	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.567	180	914	0.201	ug/l	96
94) Hexachlorobutadiene	13.707	225	487	0.256	ug/l	94

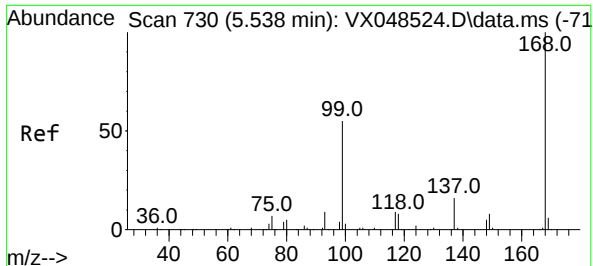
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
Data File : VX048555.D
Acq On : 11 Nov 2025 11:43
Operator : JC/MD
Sample : Q3584-04RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-2

Quant Time: Nov 12 04:44:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

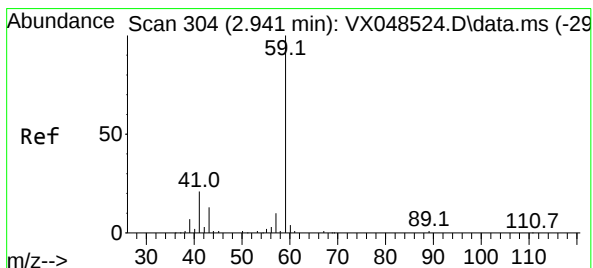
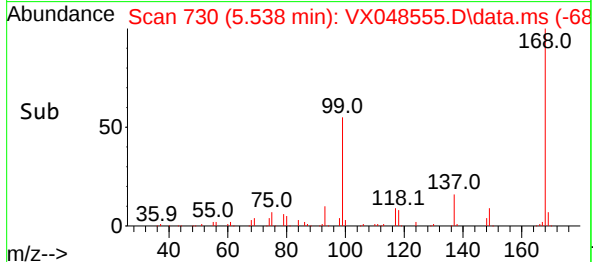
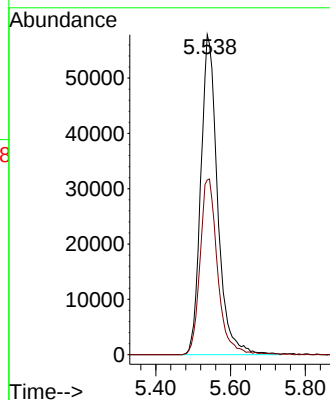
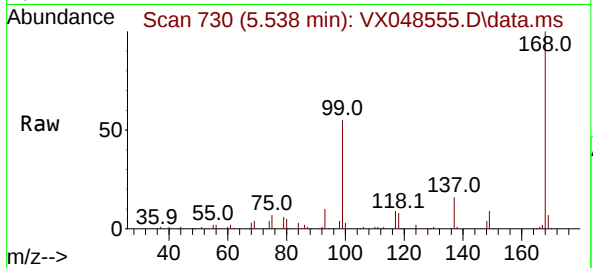




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

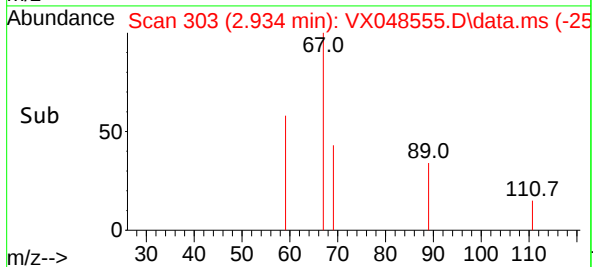
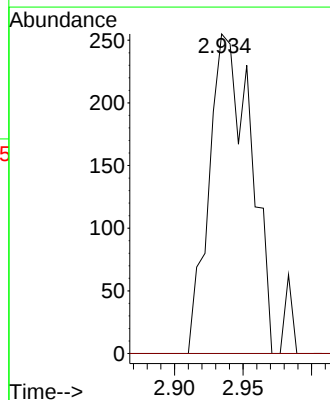
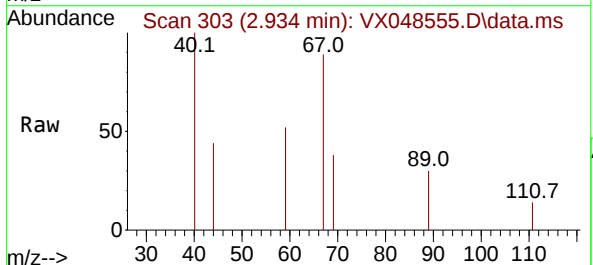
Instrument :
MSVOA_X
ClientSampleId :
EB-2

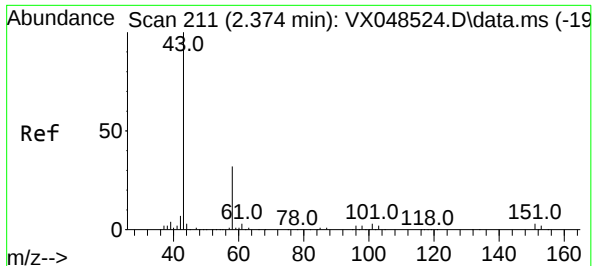
Tgt Ion:168 Resp: 180349
Ion Ratio Lower Upper
168 100
99 54.6 45.2 67.8



#11
Tert butyl alcohol
Concen: 1.132 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.006 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion: 59 Resp: 539
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

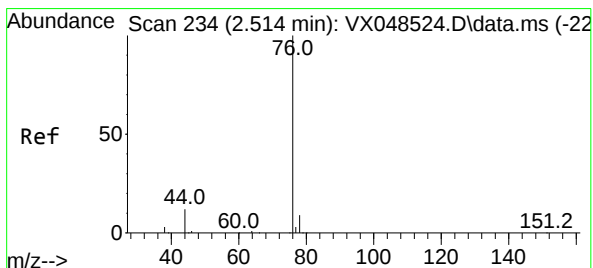
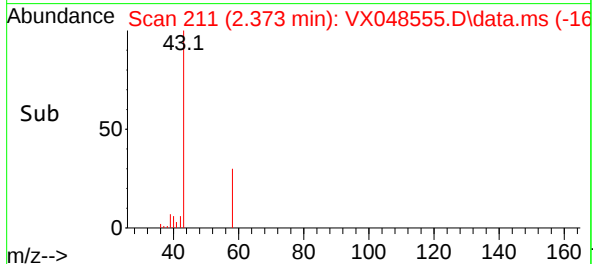
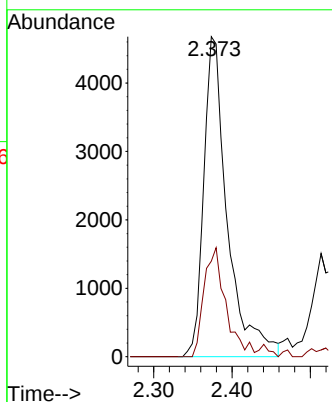
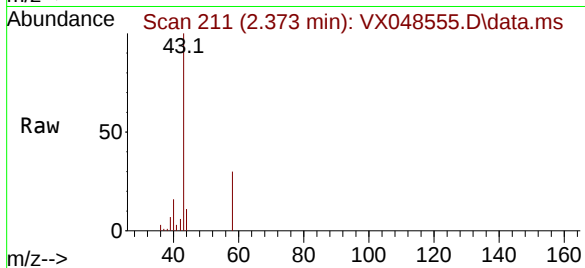




#16
Acetone
Concen: 8.225 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

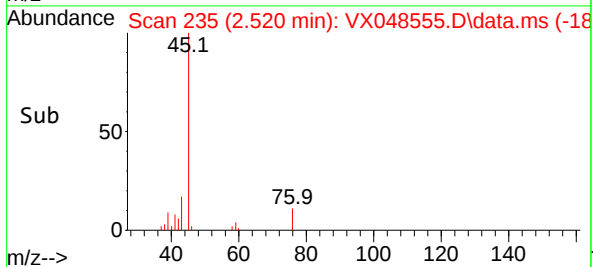
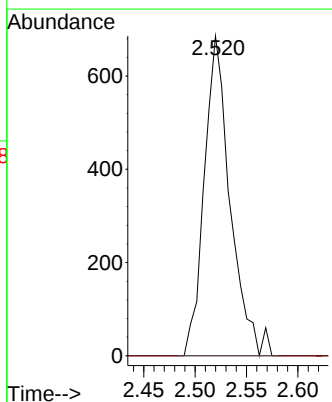
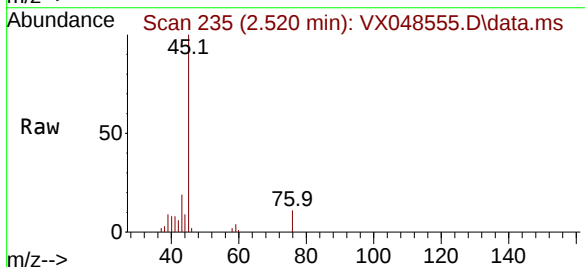
Instrument :
MSVOA_X
ClientSampleId :
EB-2

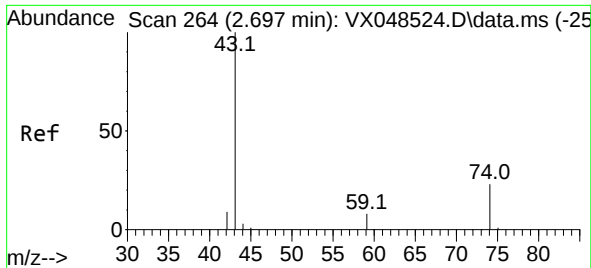
Tgt Ion: 43 Resp: 9784
Ion Ratio Lower Upper
43 100
58 29.9 25.8 38.6



#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion: 76 Resp: 1204
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

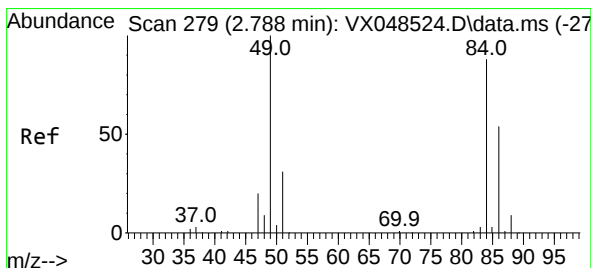
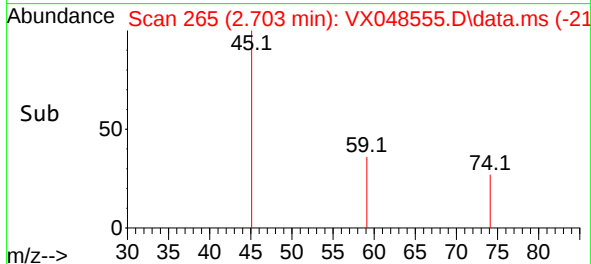
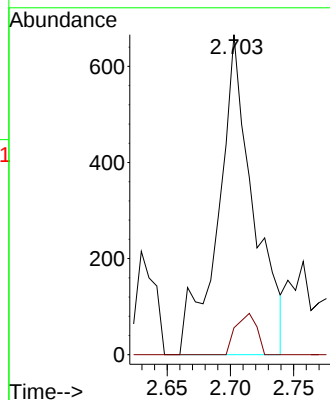
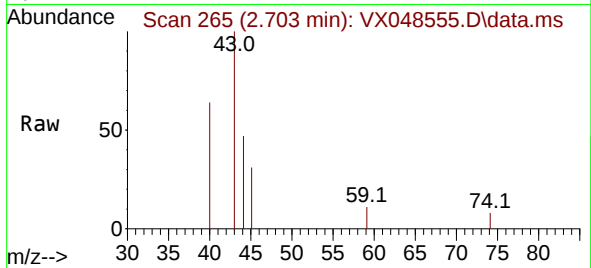




#18
Methyl Acetate
Concen: 0.393 ug/l
RT: 2.703 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

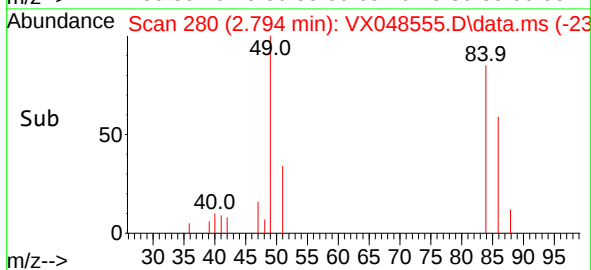
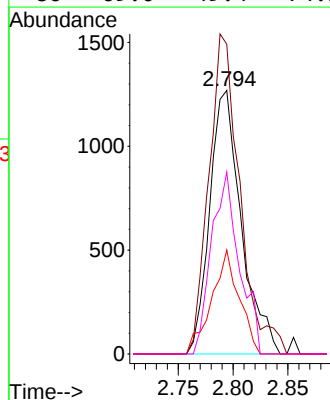
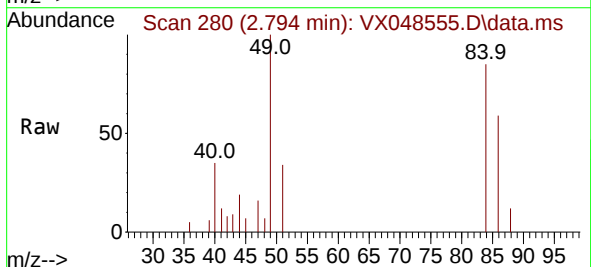
Instrument :
MSVOA_X
ClientSampleId :
EB-2

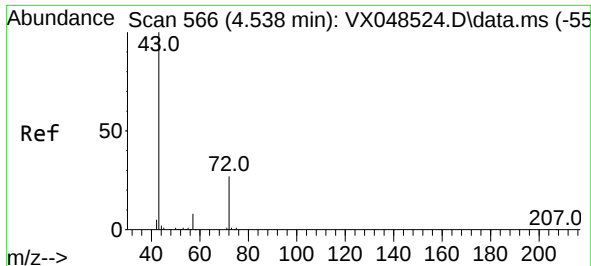
Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
74 7.7 19.1 28.7#



#20
Methylene Chloride
Concen: 1.043 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion: 84 Resp: 2550
Ion Ratio Lower Upper
84 100
49 117.6 91.2 136.8
51 39.5 28.3 42.5
86 69.0 49.4 74.2

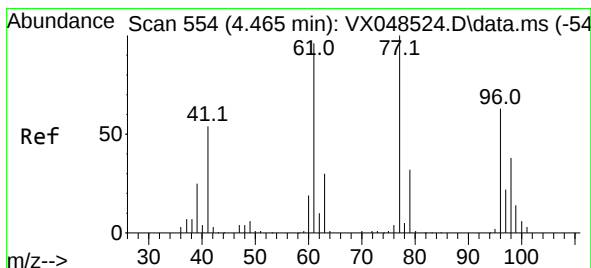
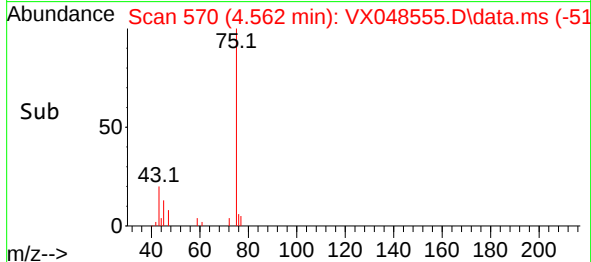
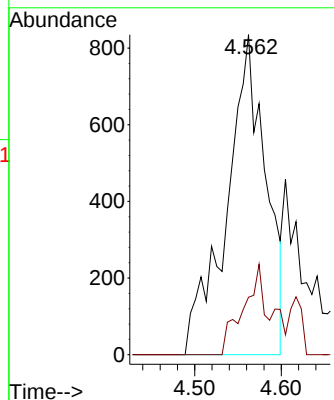
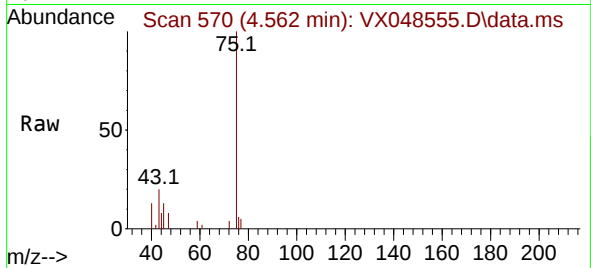




#25
2-Butanone
Concen: 1.492 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

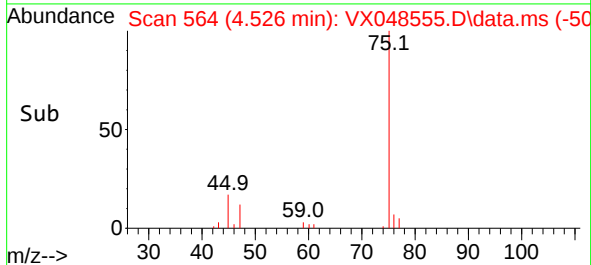
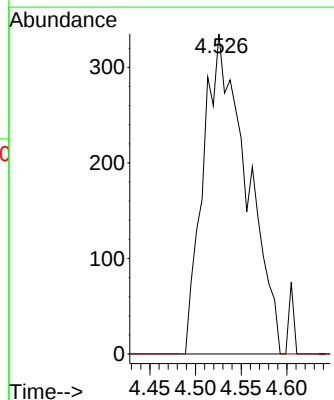
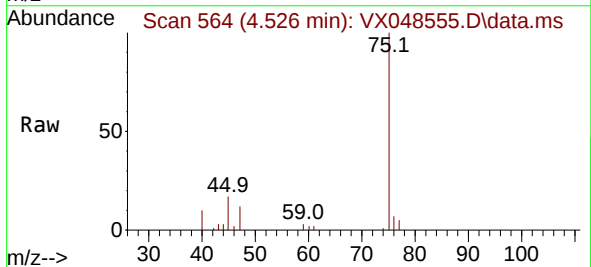
Instrument :
MSVOA_X
ClientSampleId :
EB-2

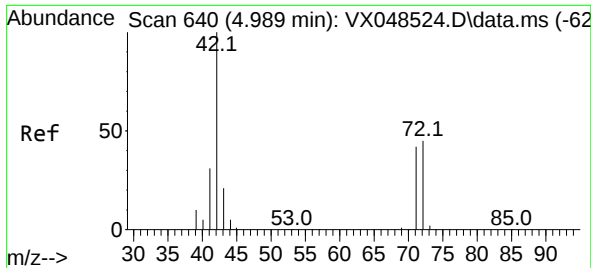
Tgt Ion: 43 Resp: 2626
Ion Ratio Lower Upper
43 100
72 18.0 21.5 32.3#



#26
2,2-Dichloropropane
Concen: 0.314 ug/l
RT: 4.526 min Scan# 564
Delta R.T. 0.061 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion: 77 Resp: 1103
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#

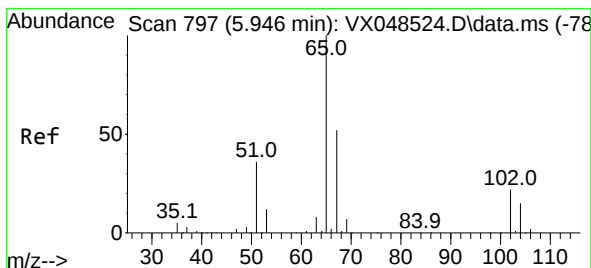
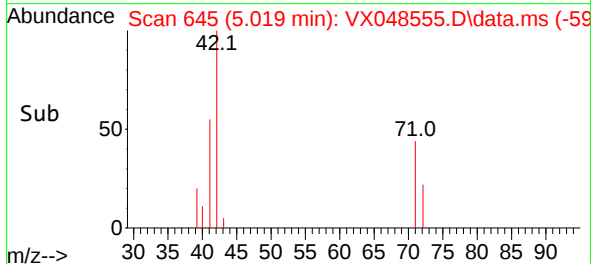
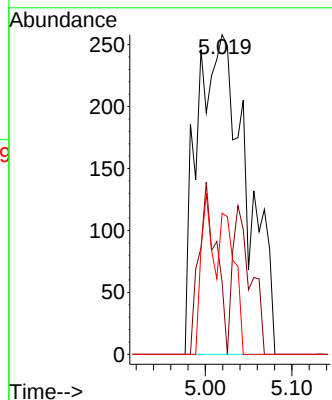
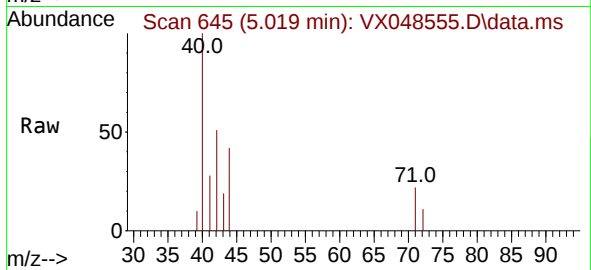




#29
Tetrahydrofuran
Concen: 0.813 ug/l
RT: 5.019 min Scan# 640
Delta R.T. 0.030 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

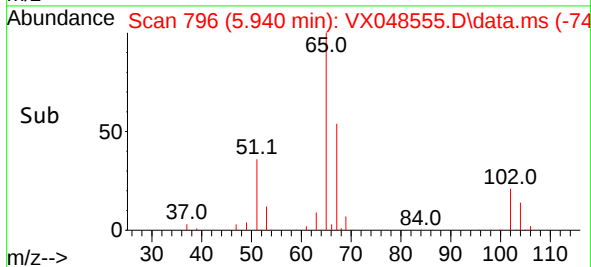
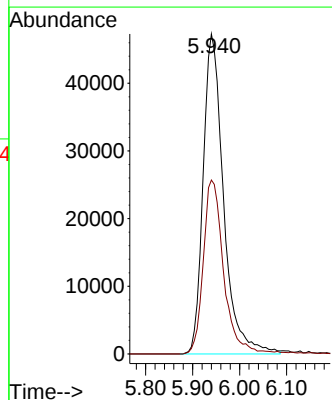
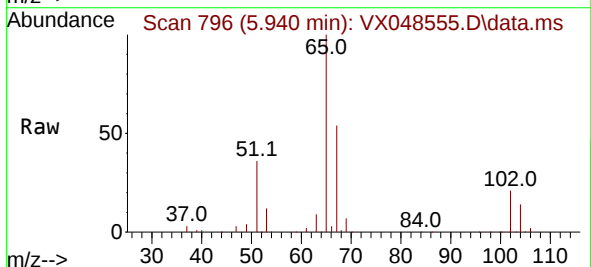
Instrument :
MSVOA_X
ClientSampleId :
EB-2

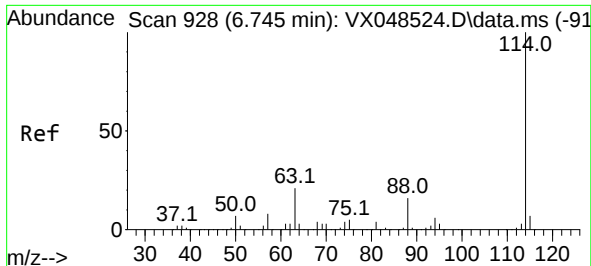
Tgt Ion: 42 Resp: 1021
Ion Ratio Lower Upper
42 100
72 17.1 36.3 54.5#
71 13.3 34.1 51.1#



#33
1,2-Dichloroethane-d4
Concen: 56.683 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion: 65 Resp: 142446
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.2

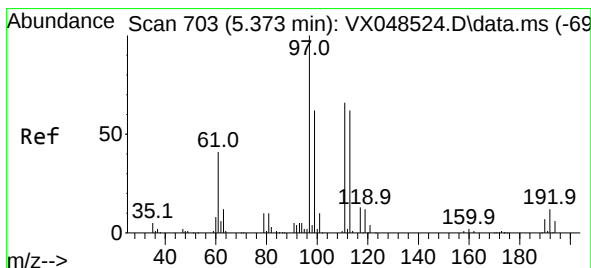
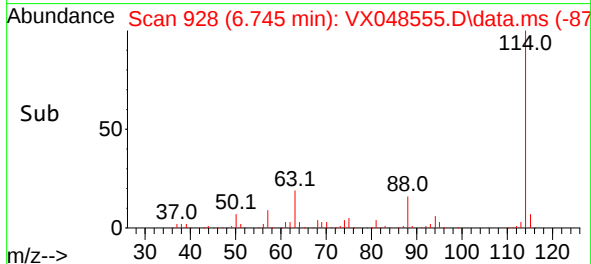
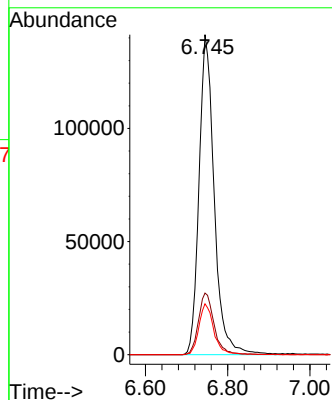
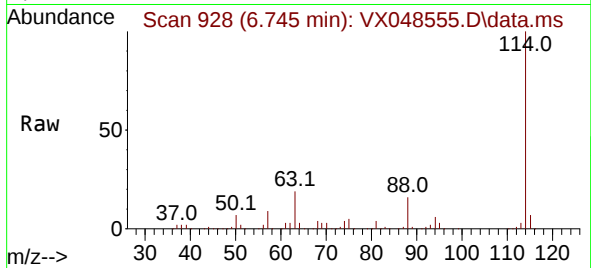




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

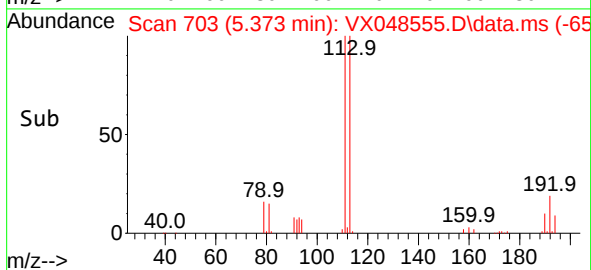
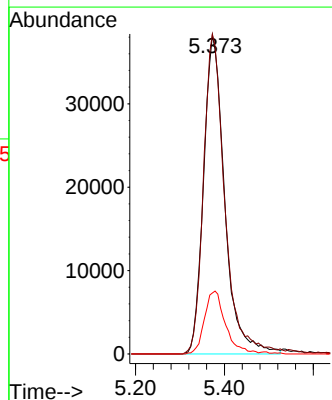
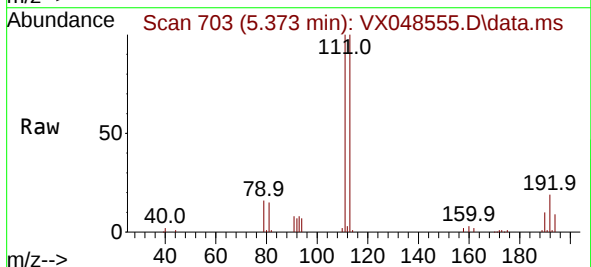
Instrument :
MSVOA_X
ClientSampleId :
EB-2

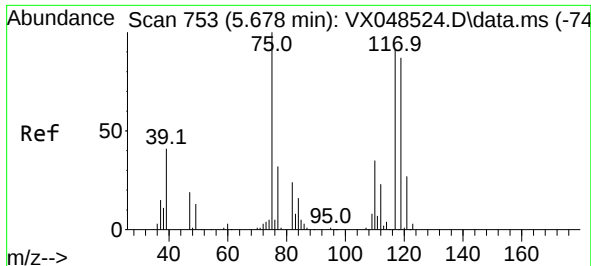
Tgt Ion:114 Resp: 362115
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.2
88 15.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.088 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion:113 Resp: 126313
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 19.6 15.8 23.6





#36

1,1-Dichloropropene

Concen: 3.606 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX048555.D

Acq: 11 Nov 2025 11:43

Instrument :

MSVOA_X

ClientSampleId :

EB-2

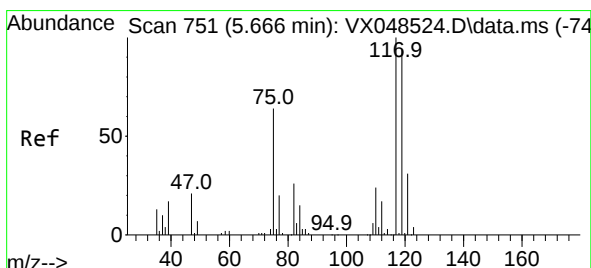
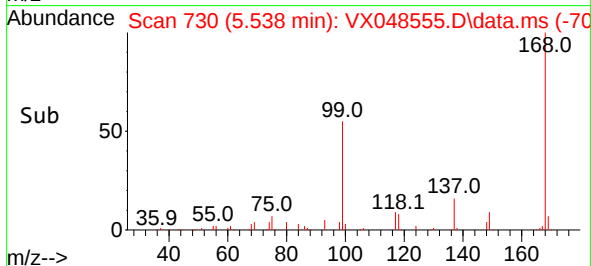
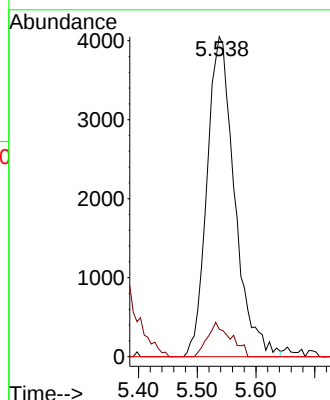
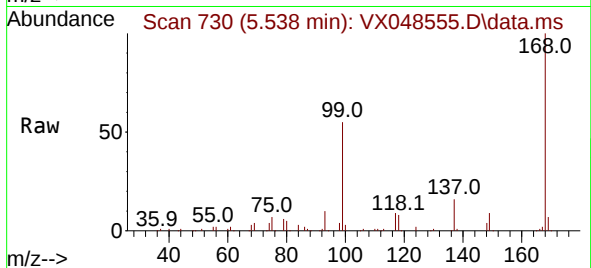
Tgt Ion: 75 Resp: 13234

Ion Ratio Lower Upper

75 100

110 9.1 18.4 55.4#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 4.143 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX048555.D

Acq: 11 Nov 2025 11:43

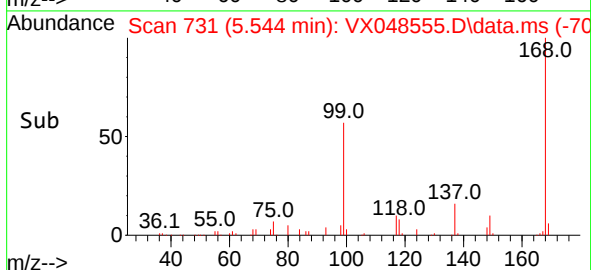
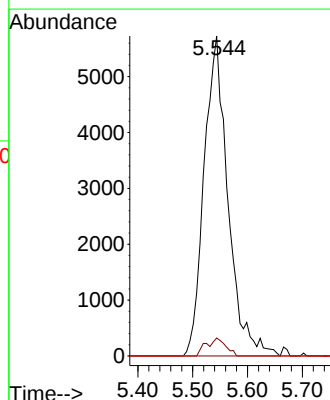
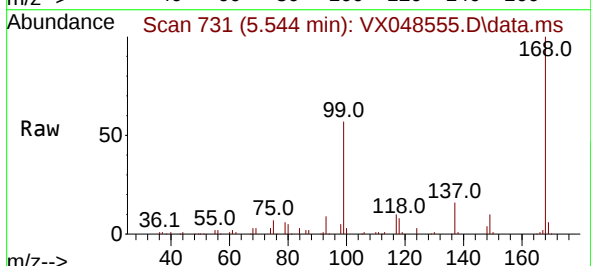
Tgt Ion: 117 Resp: 17309

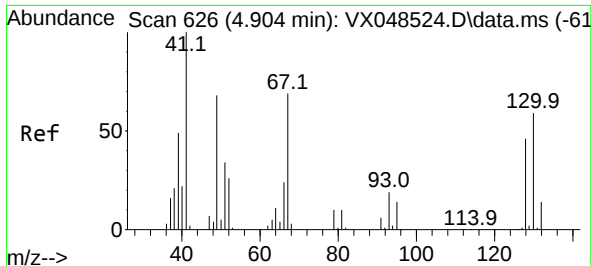
Ion Ratio Lower Upper

117 100

119 5.6 74.5 111.7#

121 0.0 24.8 37.2#

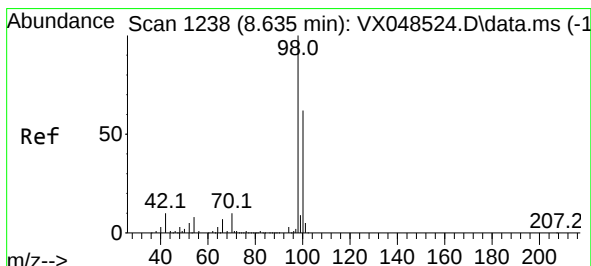
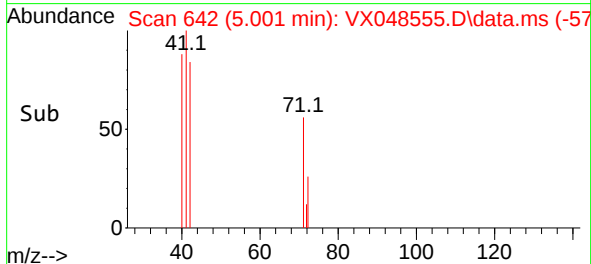
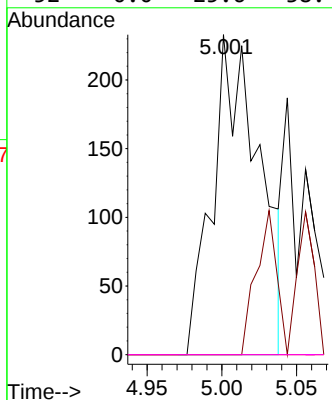
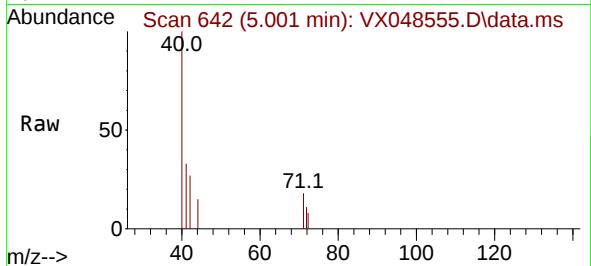




#41
Methacrylonitrile
Concen: 0.223 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.097 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

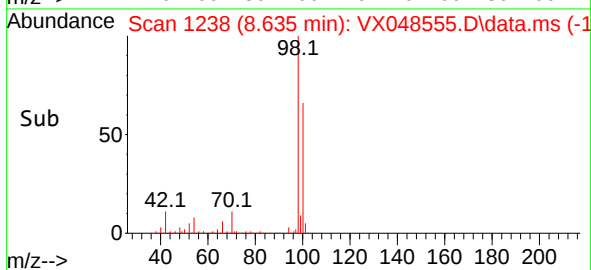
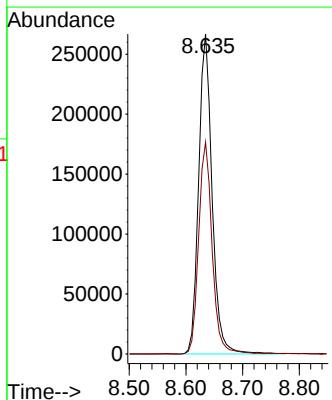
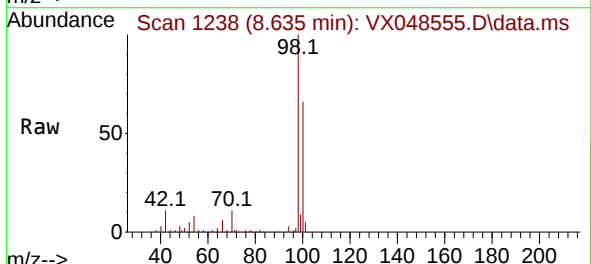
Instrument :
MSVOA_X
ClientSampleId :
EB-2

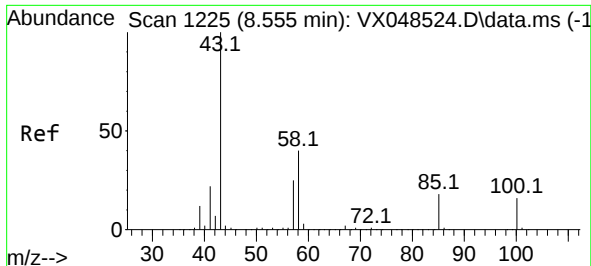
Tgt Ion: 41 Resp: 506
Ion Ratio Lower Upper
41 100
39 0.0 41.1 61.7#
67 0.0 64.2 96.2#
52 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 51.367 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion: 98 Resp: 439077
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4

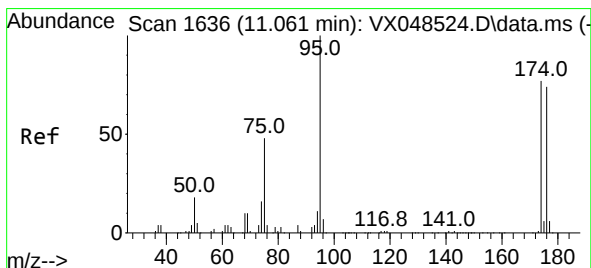
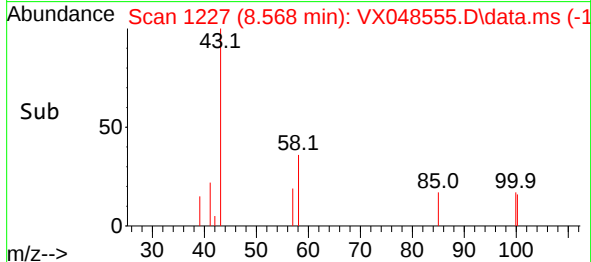
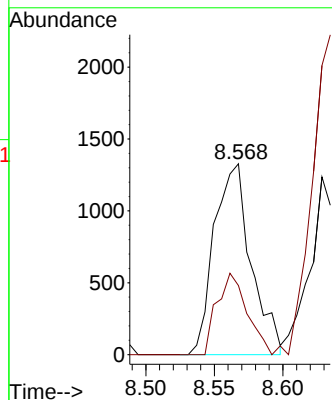
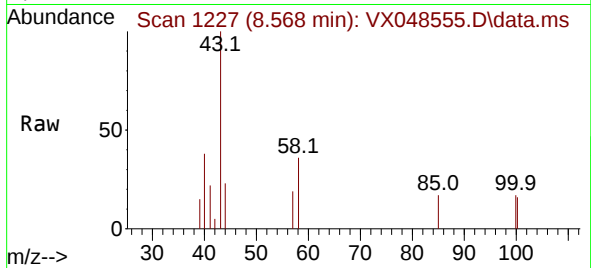




#51
4-Methyl-2-Pentanone
Concen: 0.601 ug/l
RT: 8.568 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

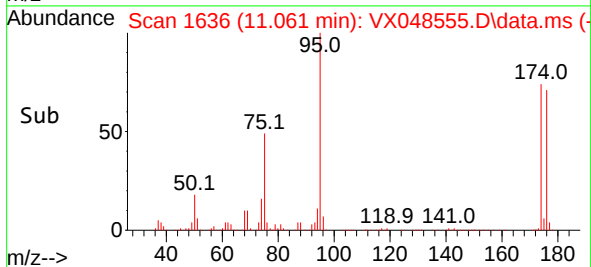
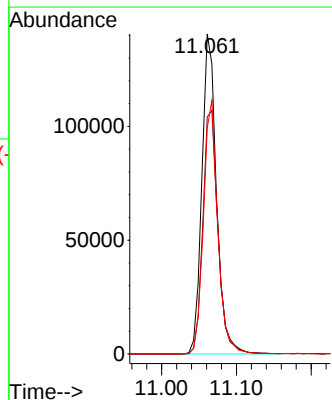
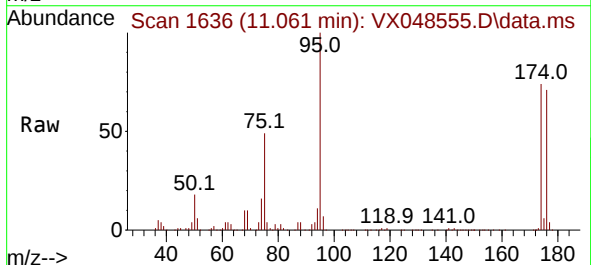
Instrument :
MSVOA_X
ClientSampleId :
EB-2

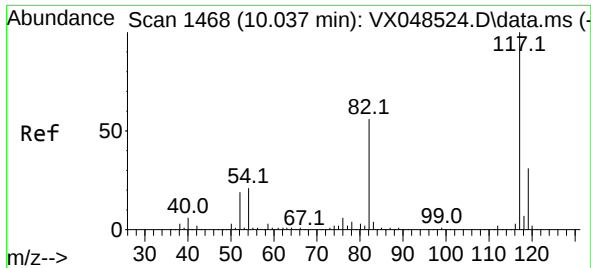
Tgt Ion: 43 Resp: 2484
Ion Ratio Lower Upper
43 100
58 34.9 32.3 48.5



#62
4-Bromofluorobenzene
Concen: 60.064 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion: 95 Resp: 191335
Ion Ratio Lower Upper
95 100
174 79.0 0.0 161.8
176 77.7 0.0 153.6

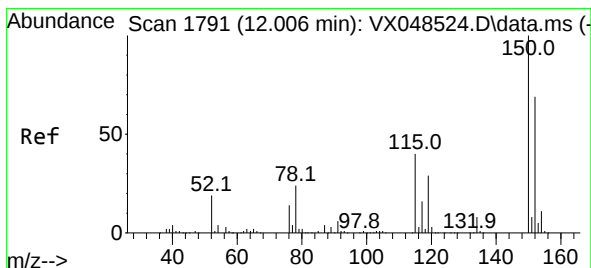
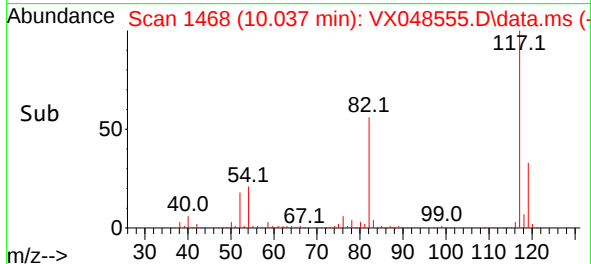
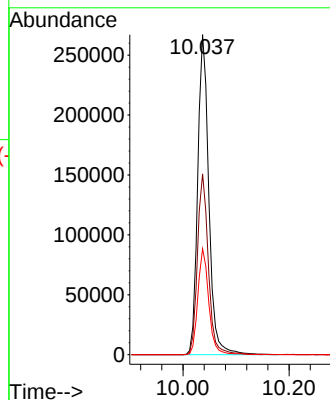
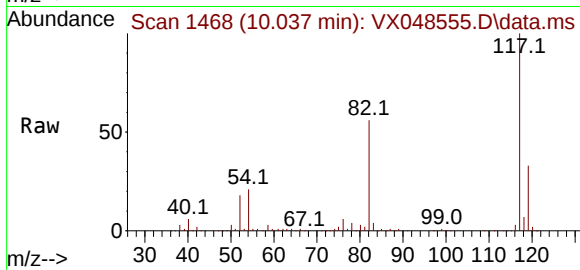




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

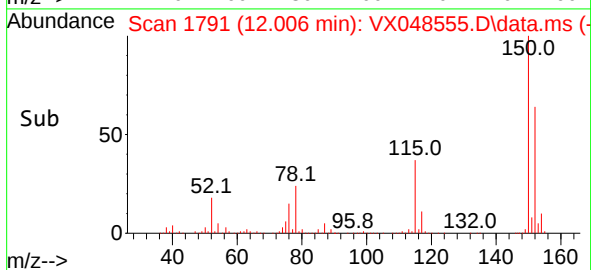
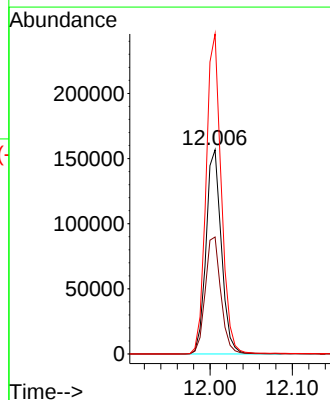
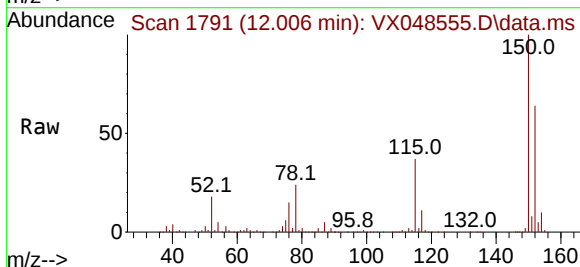
Instrument :
MSVOA_X
ClientSampleId :
EB-2

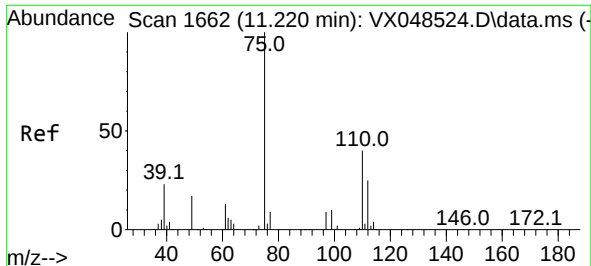
Tgt Ion:117 Resp: 387054
Ion Ratio Lower Upper
117 100
82 56.5 44.4 66.6
119 33.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion:152 Resp: 202689
Ion Ratio Lower Upper
152 100
115 58.3 39.2 117.6
150 156.5 0.0 347.0

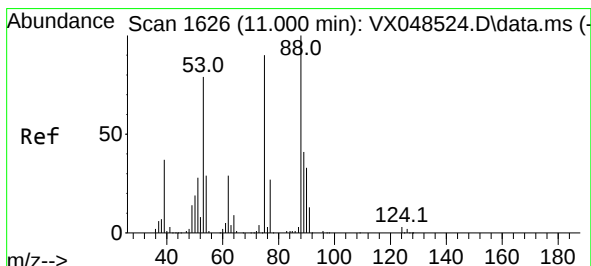
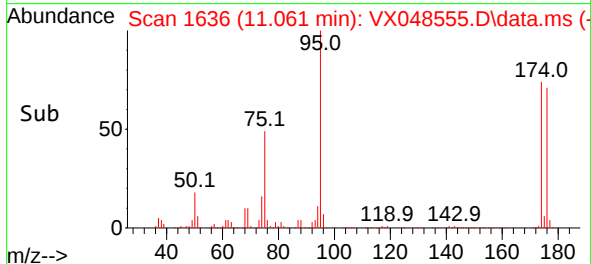
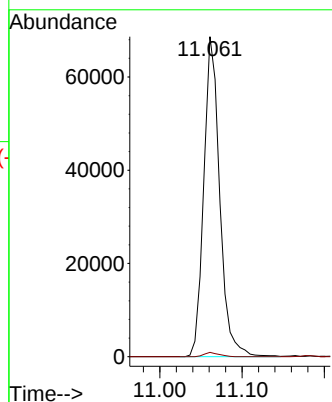
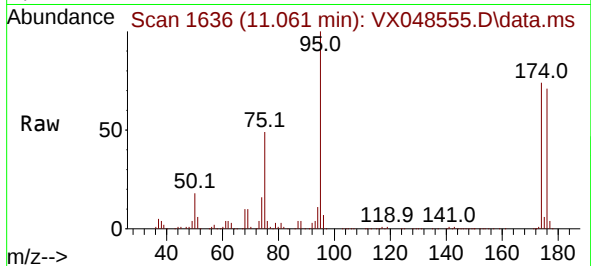




#76
1,2,3-Trichloropropane
Concen: 18.960 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

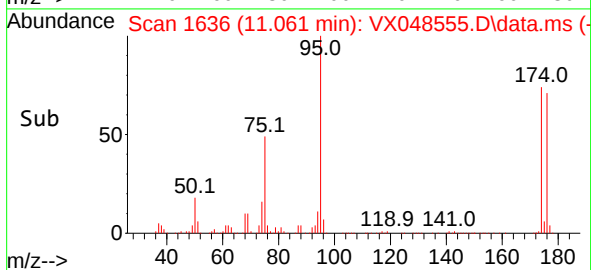
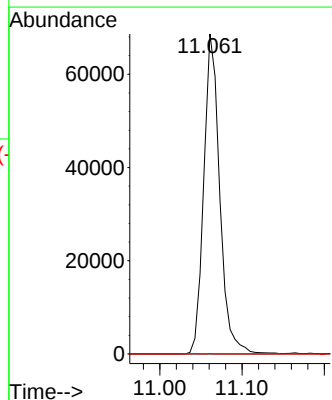
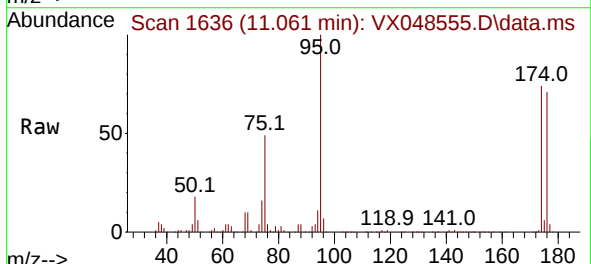
Instrument :
MSVOA_X
ClientSampleId :
EB-2

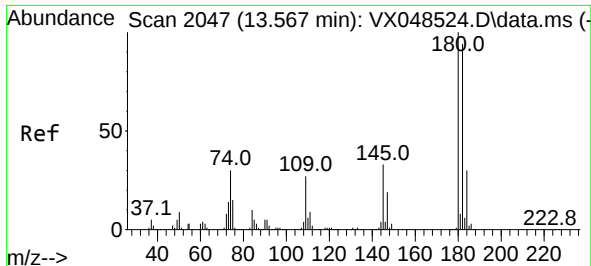
Tgt Ion: 75 Resp: 92585
Ion Ratio Lower Upper
75 100
77 1.2 24.3 72.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.233 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048555.D
Acq: 11 Nov 2025 11:43

Tgt Ion: 75 Resp: 92585
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 43.6 65.4#

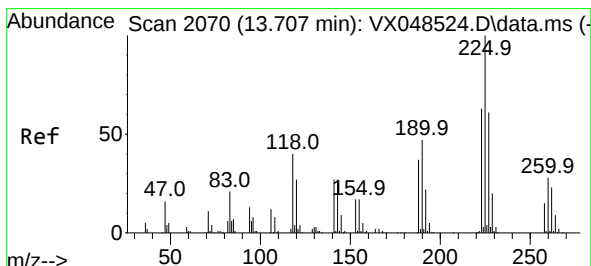
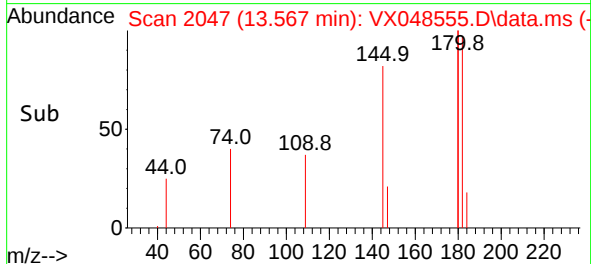
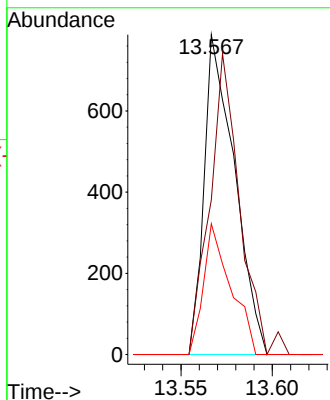
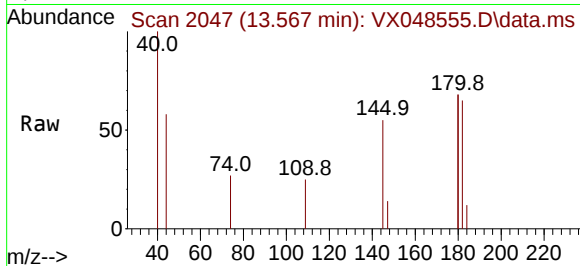




#93
 1,2,4-Trichlorobenzene
 Concen: 0.201 ug/l
 RT: 13.567 min Scan# 2047
 Delta R.T. -0.000 min
 Lab File: VX048555.D
 Acq: 11 Nov 2025 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2

Tgt Ion:180 Resp: 914
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.5 142.6
 145 36.7 15.9 47.7



#94
 Hexachlorobutadiene
 Concen: 0.256 ug/l
 RT: 13.707 min Scan# 2070
 Delta R.T. -0.000 min
 Lab File: VX048555.D
 Acq: 11 Nov 2025 11:43

Tgt Ion:225 Resp: 487
 Ion Ratio Lower Upper
 225 100
 223 68.2 30.6 92.0
 227 66.7 32.5 97.4

