

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046838.D
 Acq On : 30 Jun 2025 13:48
 Operator : JC/MD
 Sample : Q2371-04DL 800X
 Misc : 6.82g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RPXY42025DL

Quant Time: Jul 01 05:30:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

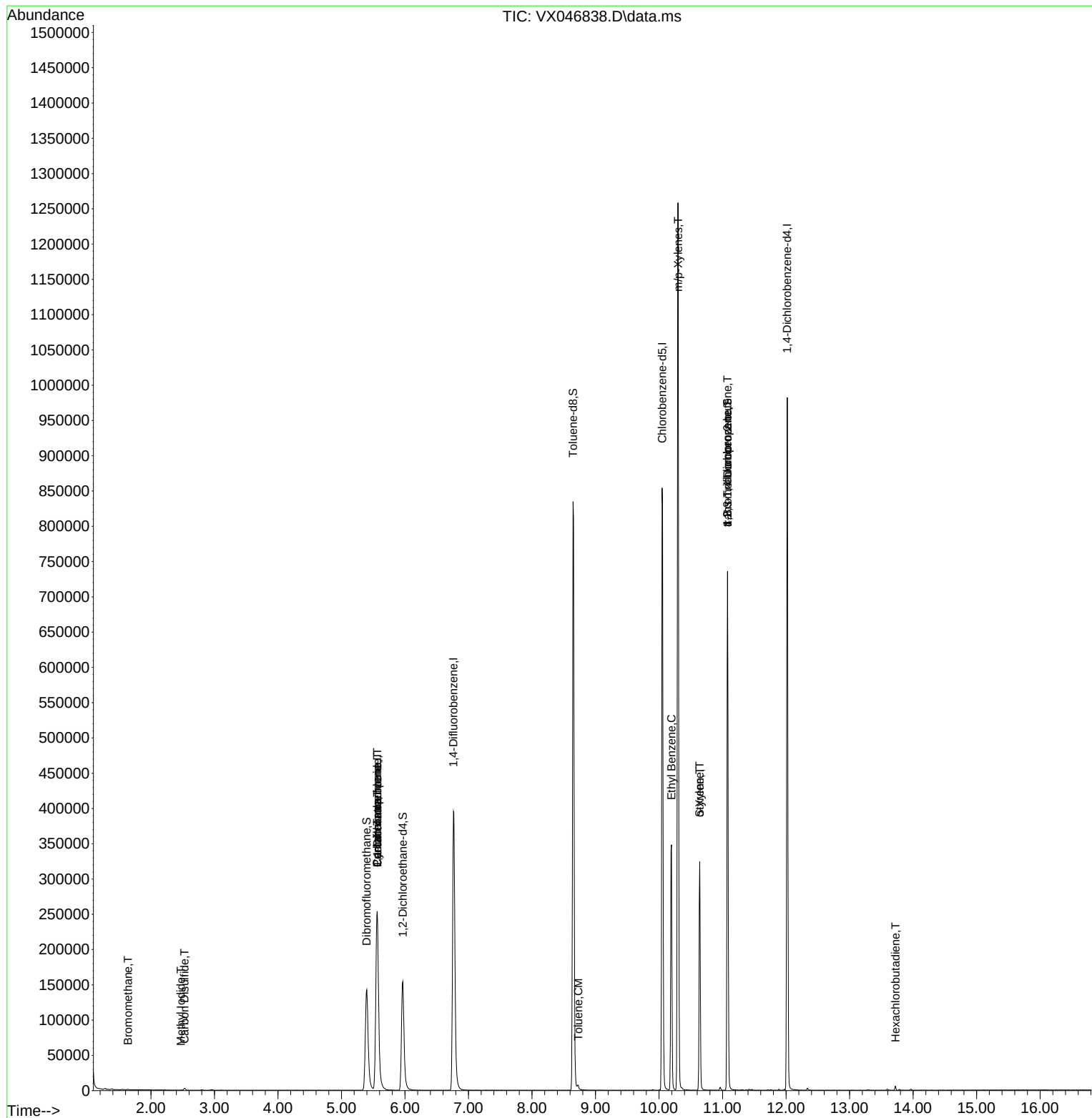
Internal Standards						
1) Pentafluorobenzene	5.562	168	267442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	441134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	397169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	161055	43.538	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.080%
35) Dibromofluoromethane	5.397	113	139226	47.702	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.400%
50) Toluene-d8	8.647	98	519970	49.586	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.180%
62) 4-Bromofluorobenzene	11.079	95	198922	50.890	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.780%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	420	0.227	ug/l #	80
10) Methyl Iodide	2.471	142	577	4.471	ug/l #	65
17) Carbon Disulfide	2.526	76	3929	0.440	ug/l #	93
31) Cyclohexane	5.562	56	5391	0.973	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	20709	4.915	ug/l #	51
38) Carbon Tetrachloride	5.562	117	26840	5.870	ug/l #	16
52) Toluene	8.726	92	2397	0.310	ug/l	97
67) Ethyl Benzene	10.195	91	211160	13.784	ug/l	99
68) m/p-Xylenes	10.299	106	283556	49.678	ug/l	99
69) o-Xylene	10.640	106	69746	13.038	ug/l	98
70) Styrene	10.640	104	3555	0.380	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	100184	27.841	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	100184	78.695	ug/l #	7
94) Hexachlorobutadiene	13.725	225	853	0.450	ug/l	100

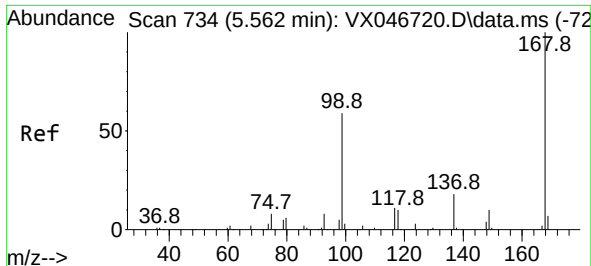
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
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MSVOA_X
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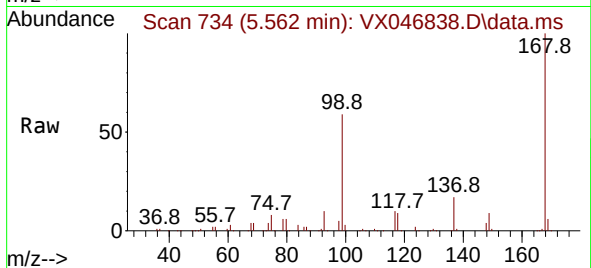
Quant Time: Jul 01 05:30:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
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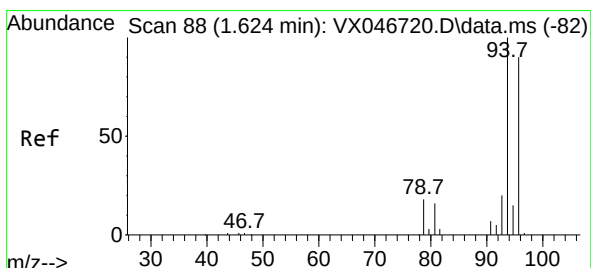
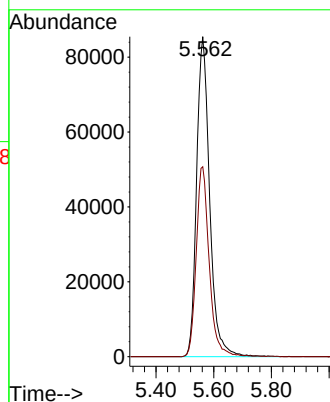
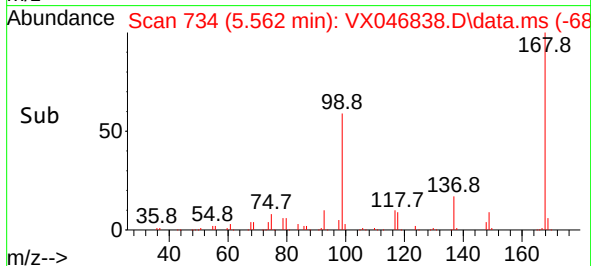


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

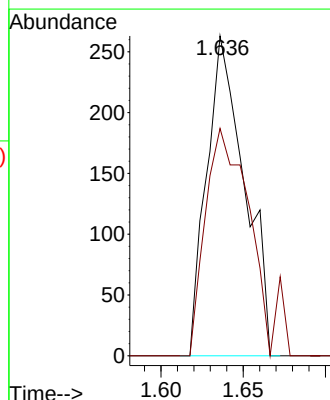
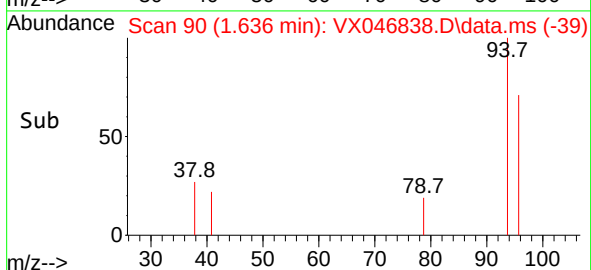
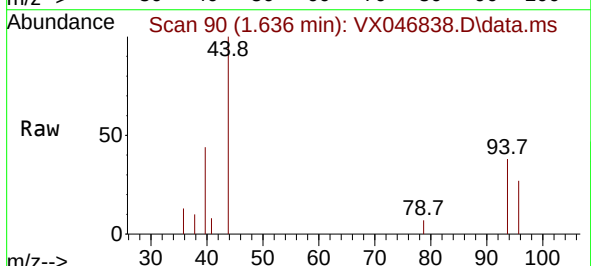


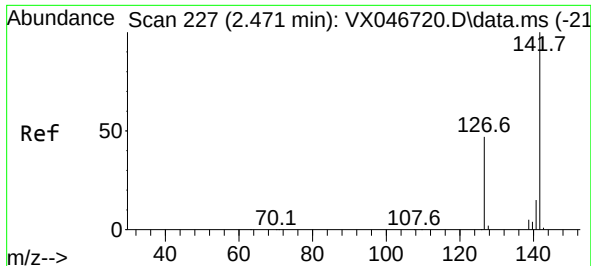
Tgt Ion:168 Resp: 267442
Ion Ratio Lower Upper
168 100
99 59.4 48.5 72.7



#5
Bromomethane
Concen: 0.227 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion: 94 Resp: 420
Ion Ratio Lower Upper
94 100
96 71.1 72.3 108.5#

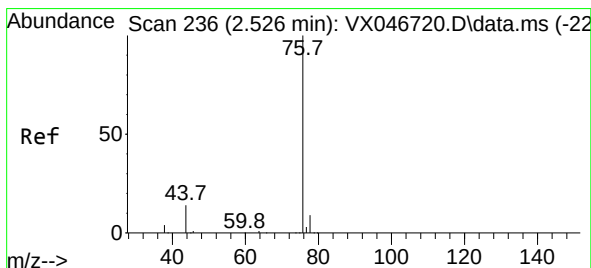
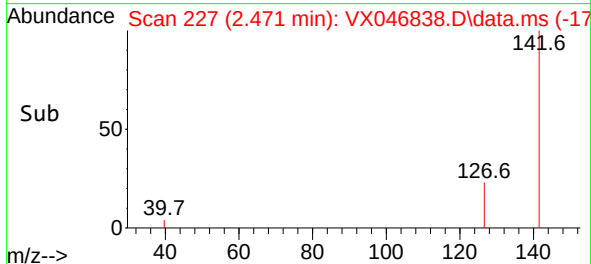
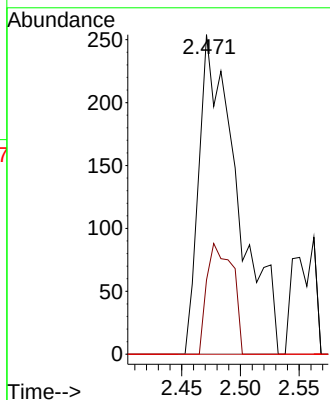
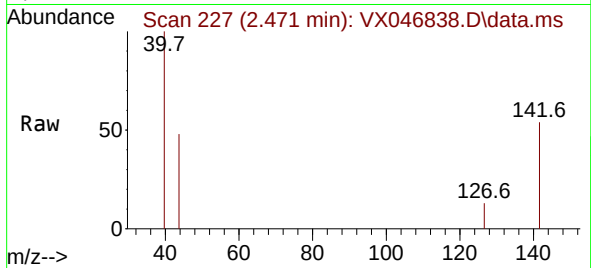




#10
Methyl Iodide
Concen: 4.471 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

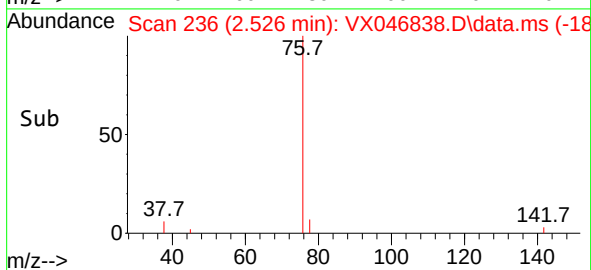
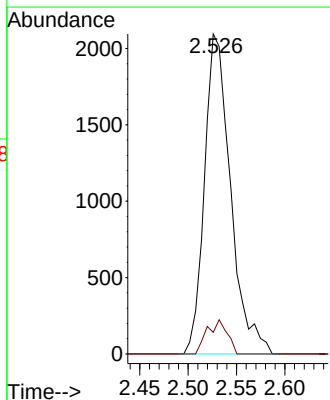
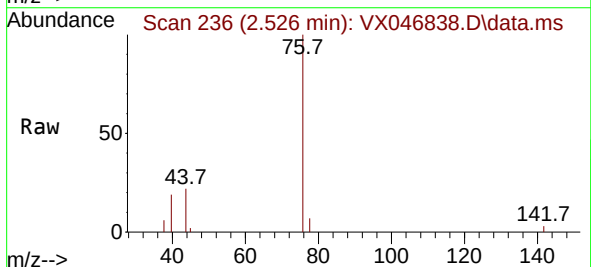
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

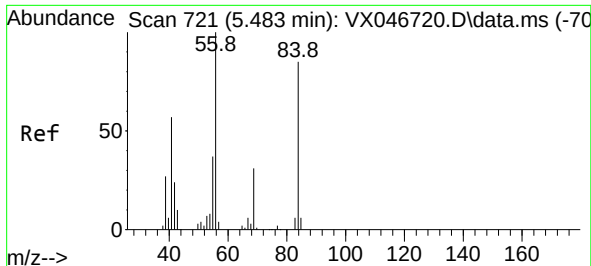
Tgt Ion:142 Resp: 577
Ion Ratio Lower Upper
142 100
127 23.2 37.0 55.6#
141 0.0 11.5 17.3#



#17
Carbon Disulfide
Concen: 0.440 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion: 76 Resp: 3929
Ion Ratio Lower Upper
76 100
78 6.7 7.5 11.3#

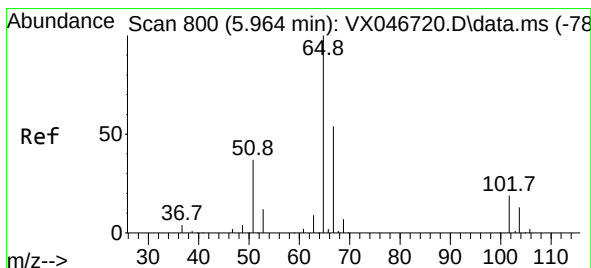
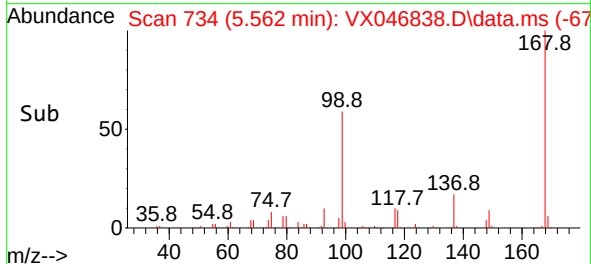
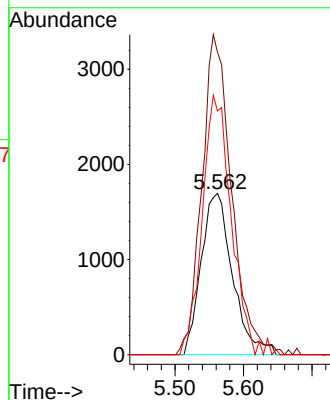
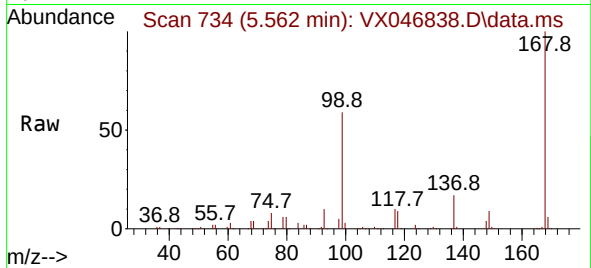




#31
Cyclohexane
Concen: 0.973 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

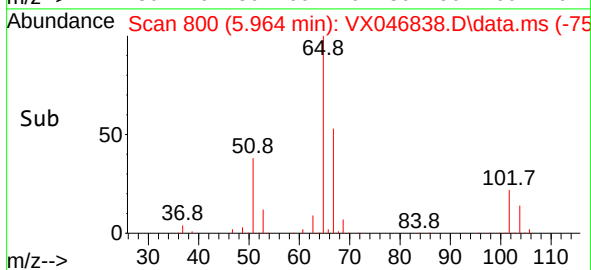
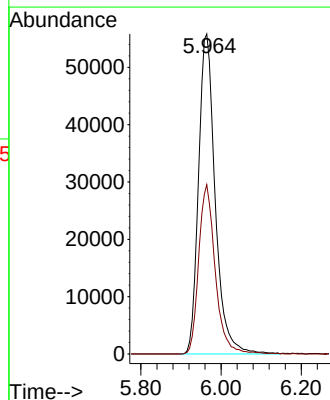
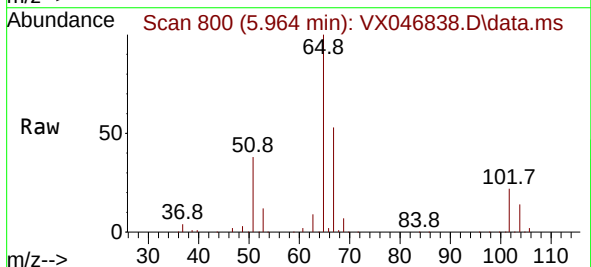
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

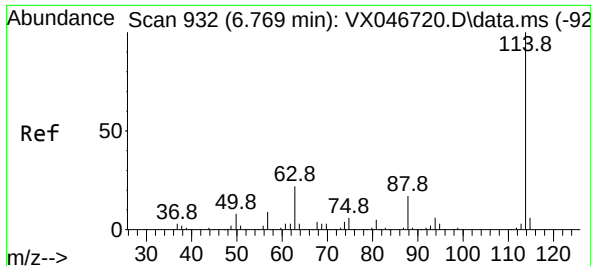
Tgt Ion: 56 Resp: 5391
Ion Ratio Lower Upper
56 100
69 184.5 24.8 37.2#
84 151.1 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 43.538 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion: 65 Resp: 161055
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

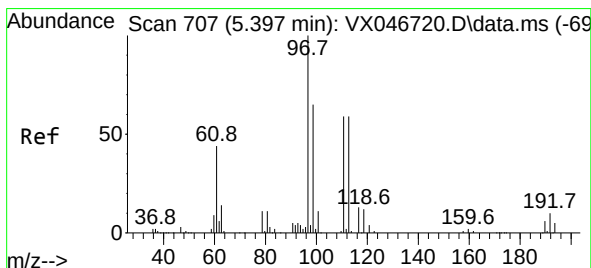
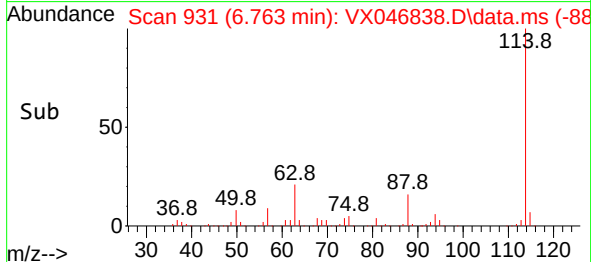
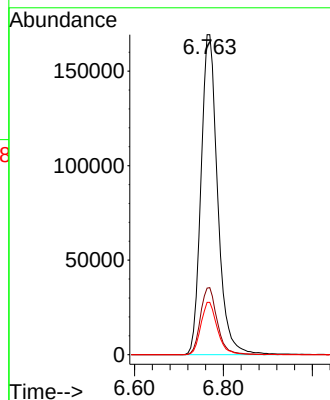
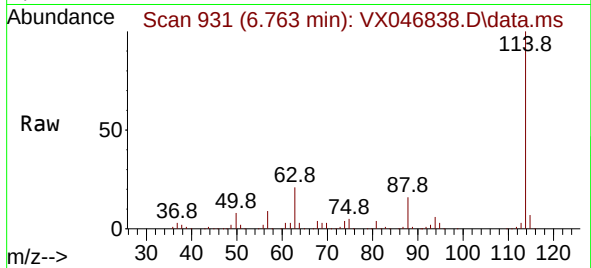




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

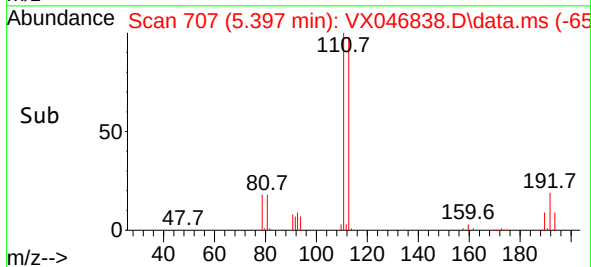
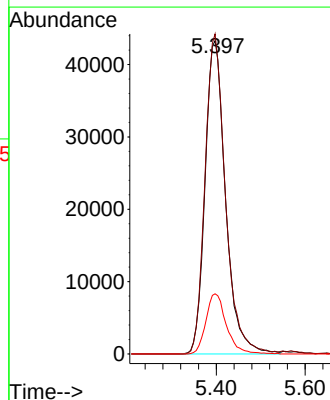
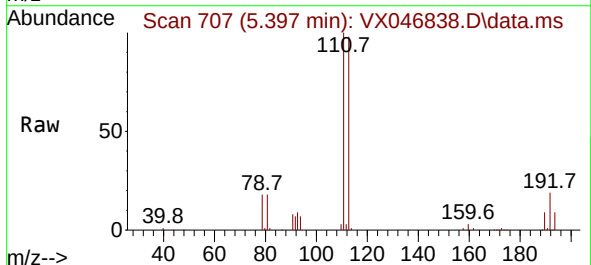
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

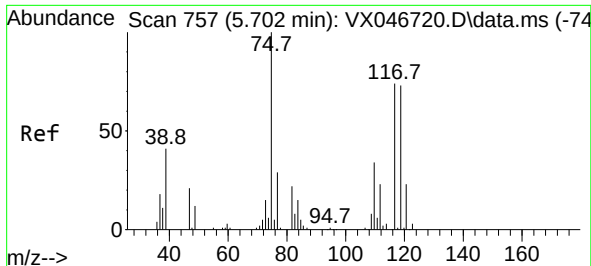
Tgt Ion:114 Resp: 441134
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.702 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion:113 Resp: 139226
Ion Ratio Lower Upper
113 100
111 101.5 82.0 123.0
192 19.2 15.3 22.9

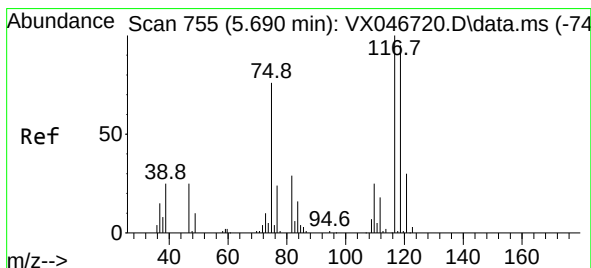
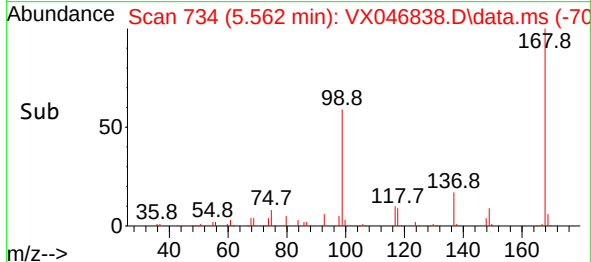
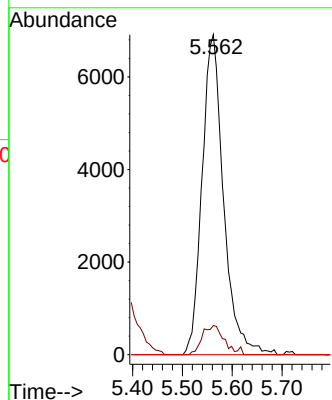
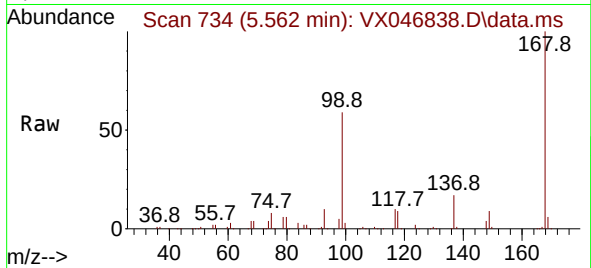




#36
1,1-Dichloropropene
Concen: 4.915 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

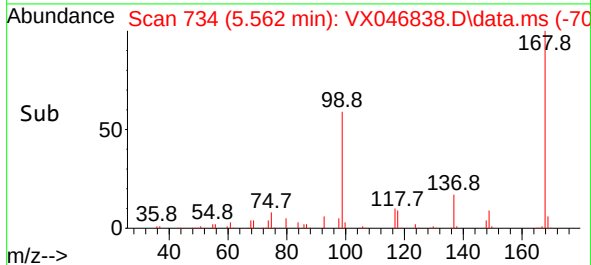
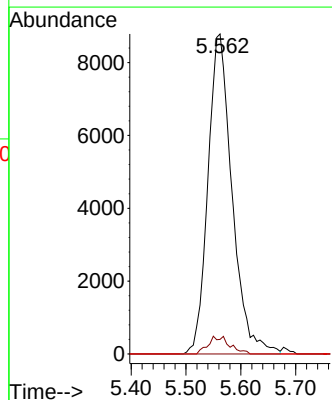
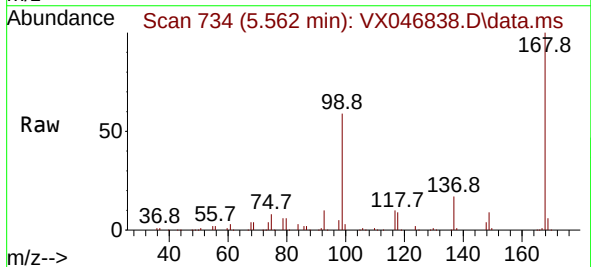
Instrument :
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ClientSampleId :
RPXY42025DL

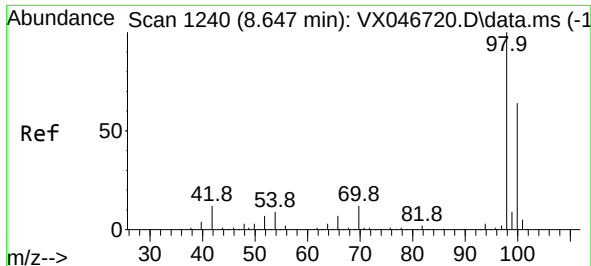
Tgt Ion: 75 Resp: 20709
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.5#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.870 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion: 117 Resp: 26840
Ion Ratio Lower Upper
117 100
119 4.6 75.2 112.8#
121 0.0 24.1 36.1#

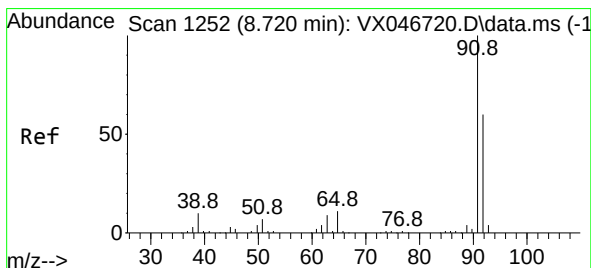
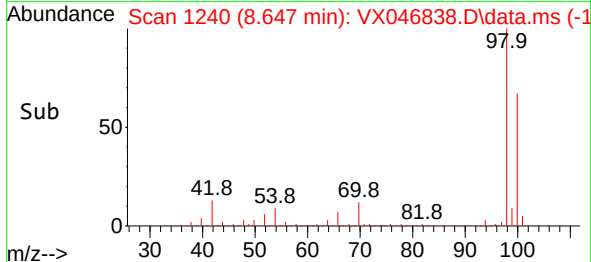
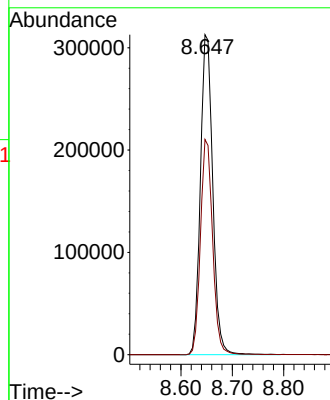
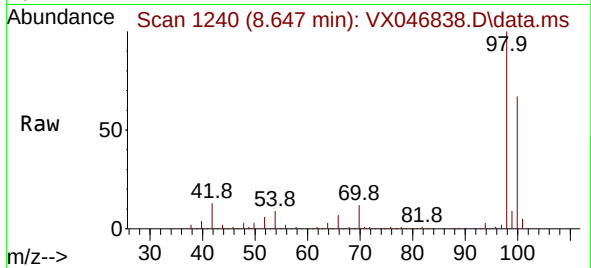




#50
Toluene-d8
Concen: 49.586 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

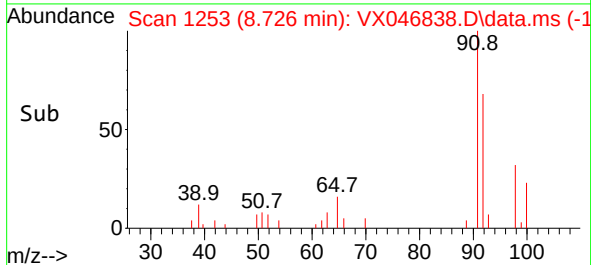
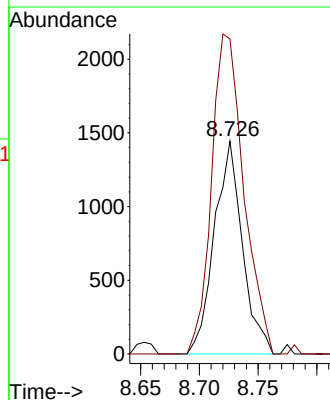
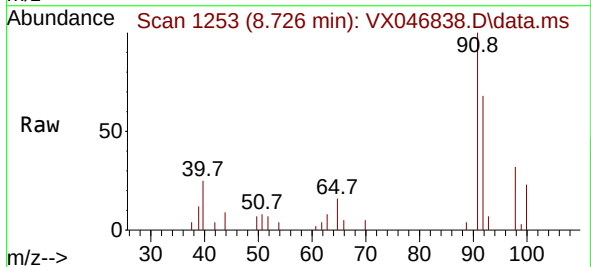
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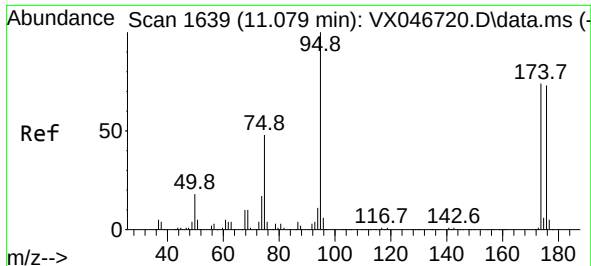
Tgt Ion: 98 Resp: 519970
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#52
Toluene
Concen: 0.310 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion: 92 Resp: 2397
Ion Ratio Lower Upper
92 100
91 172.8 134.8 202.2

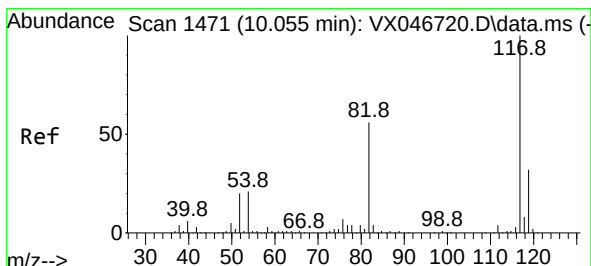
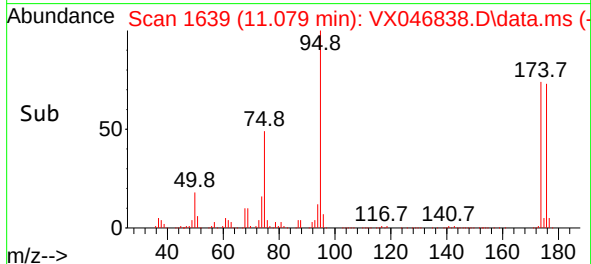
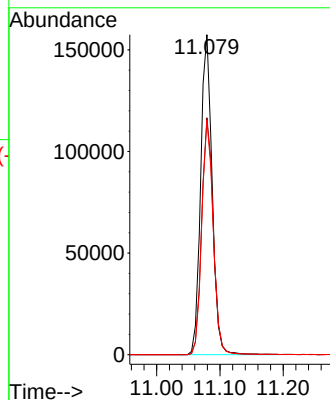
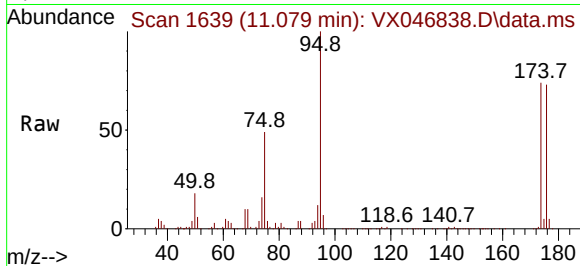




#62
4-Bromofluorobenzene
Concen: 50.890 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

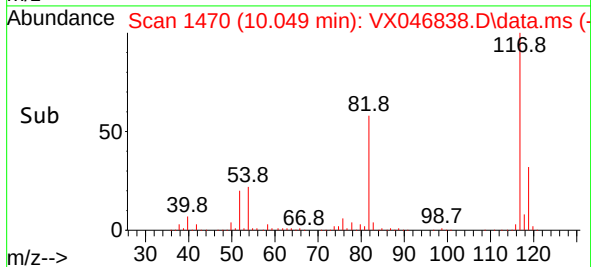
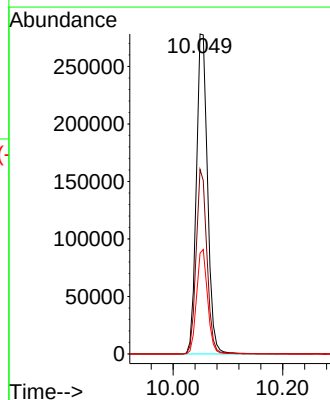
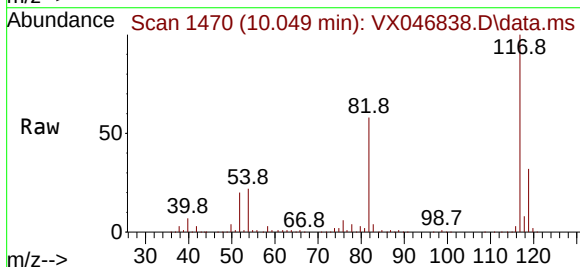
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

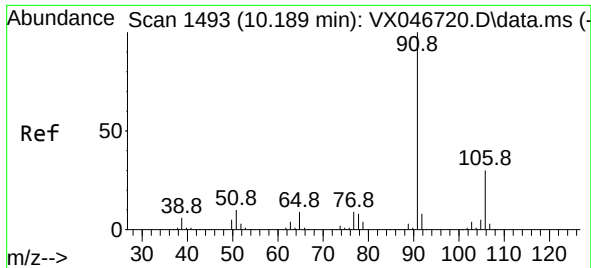
Tgt Ion: 95 Resp: 198922
Ion Ratio Lower Upper
95 100
174 74.9 0.0 150.4
176 73.5 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion: 117 Resp: 397169
Ion Ratio Lower Upper
117 100
82 57.7 44.6 66.8
119 31.5 25.8 38.8

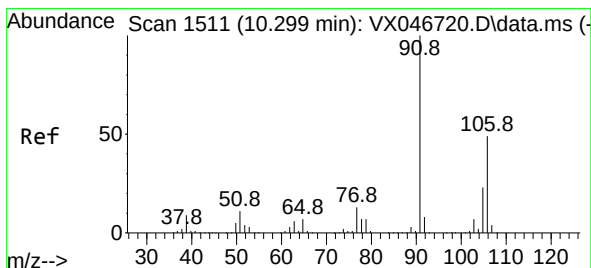
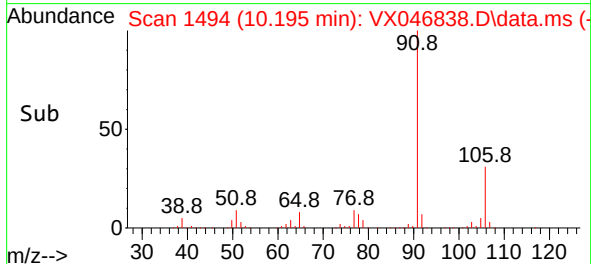
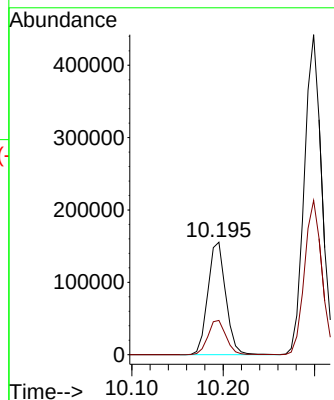
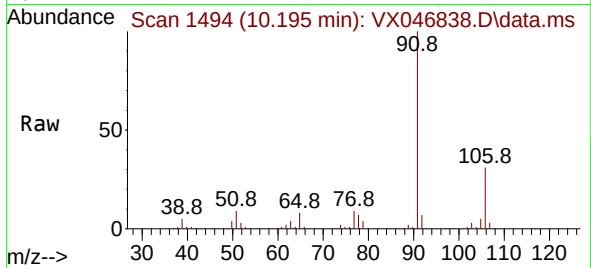




#67
Ethyl Benzene
Concen: 13.784 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

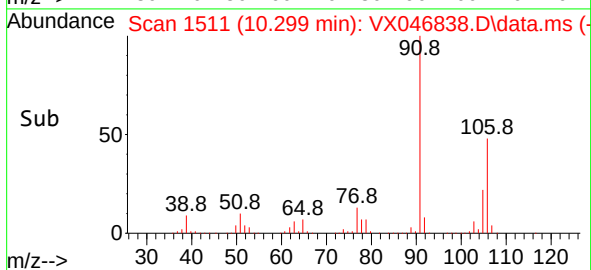
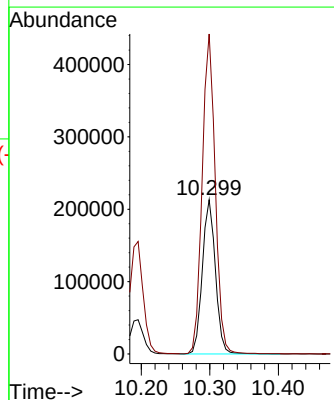
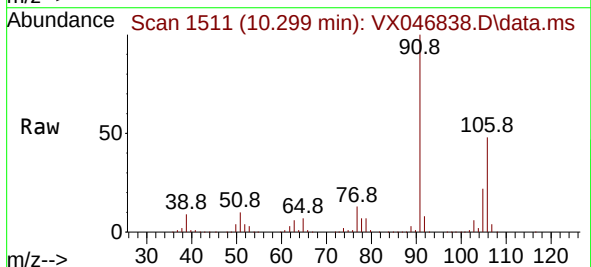
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

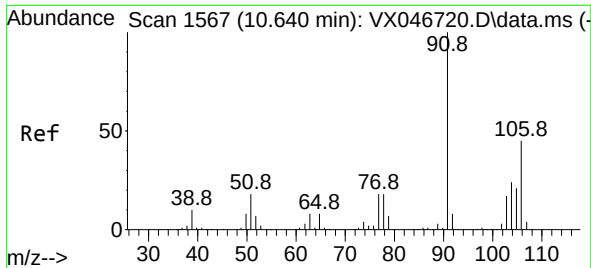
Tgt Ion: 91 Resp: 211160
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.2



#68
m/p-Xylenes
Concen: 49.678 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion:106 Resp: 283556
Ion Ratio Lower Upper
106 100
91 207.5 164.8 247.2

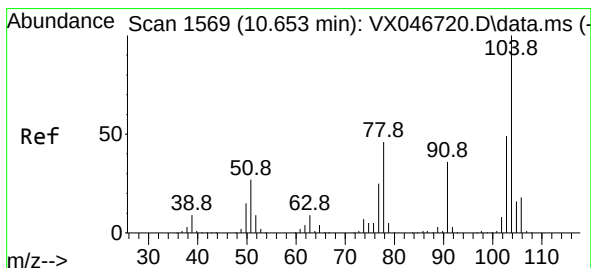
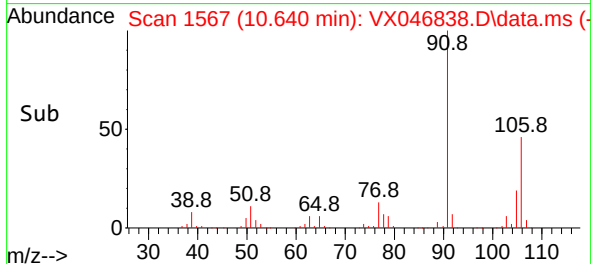
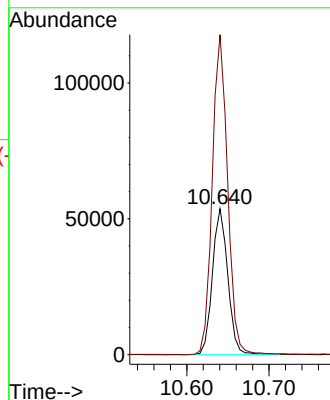
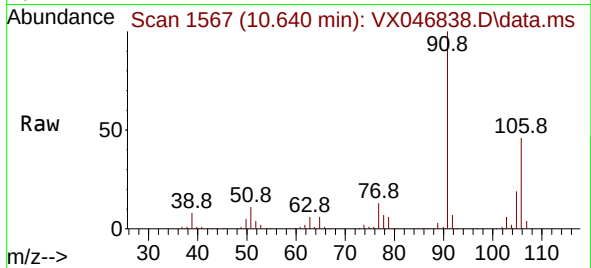




#69
o-Xylene
Concen: 13.038 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

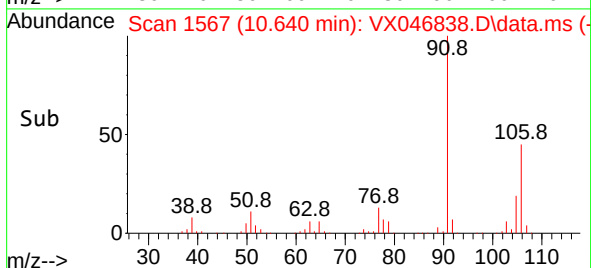
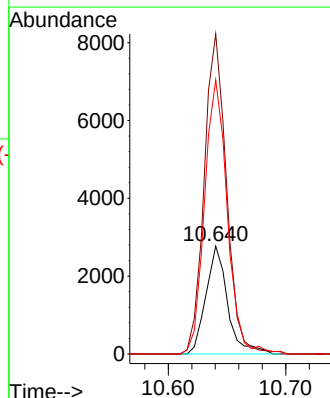
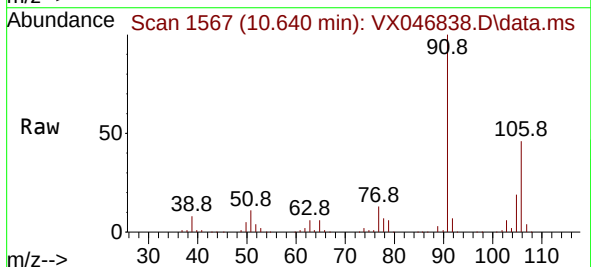
Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

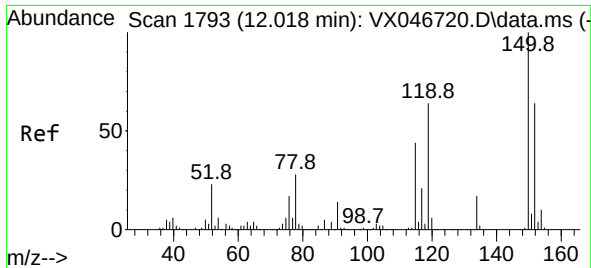
Tgt Ion:106 Resp: 69746
Ion Ratio Lower Upper
106 100
91 219.0 111.3 333.9



#70
Styrene
Concen: 0.380 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.012 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion:104 Resp: 3555
Ion Ratio Lower Upper
104 100
78 304.6 41.4 62.2#
103 266.7 43.1 64.7#

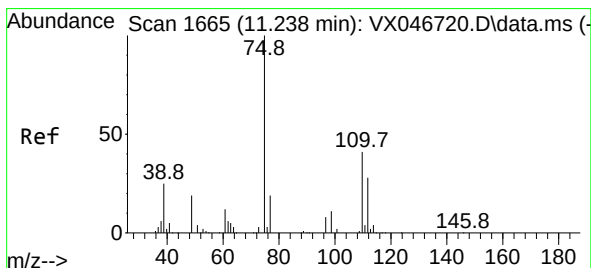
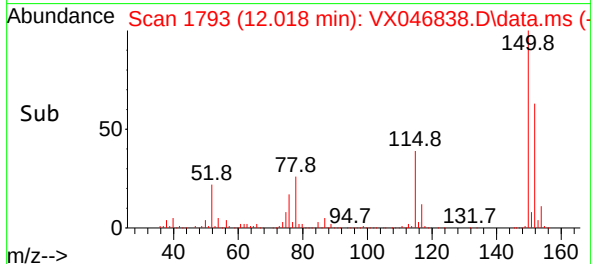
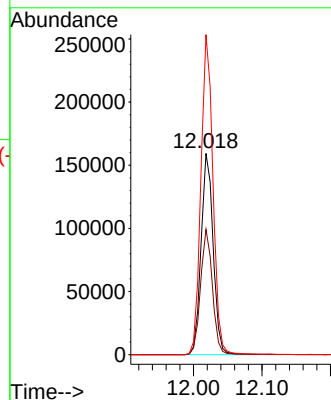
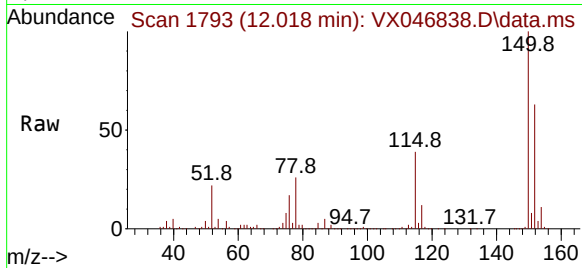




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046838.D
 Acq: 30 Jun 2025 13:48

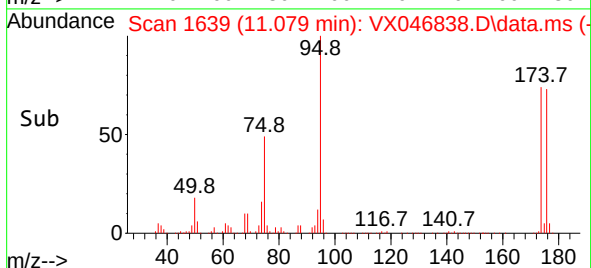
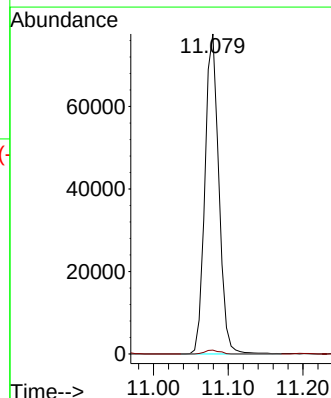
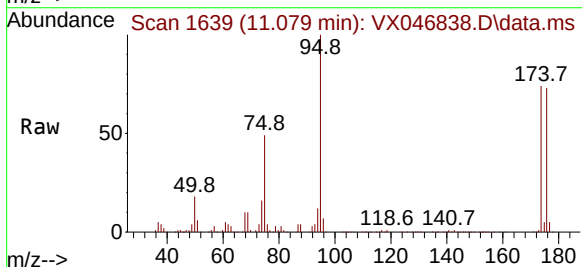
Instrument :
 MSVOA_X
 ClientSampleId :
 RPXY42025DL

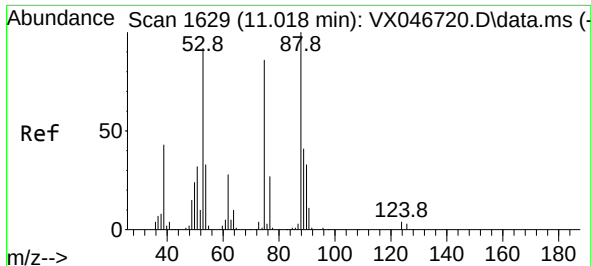
Tgt Ion:152 Resp: 196471
 Ion Ratio Lower Upper
 152 100
 115 61.1 43.2 129.6
 150 158.6 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 27.841 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046838.D
 Acq: 30 Jun 2025 13:48

Tgt Ion: 75 Resp: 100184
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.5 55.5#

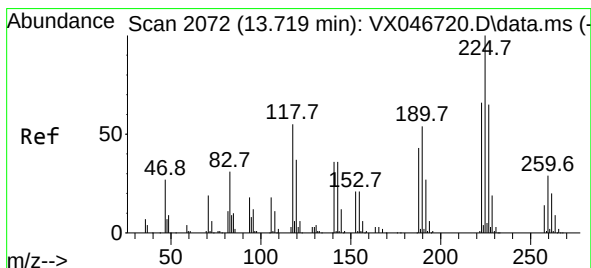
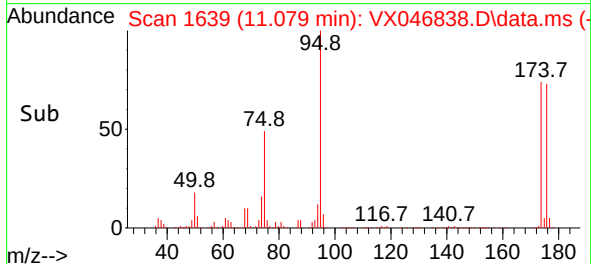
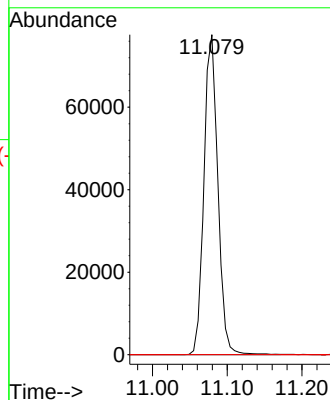
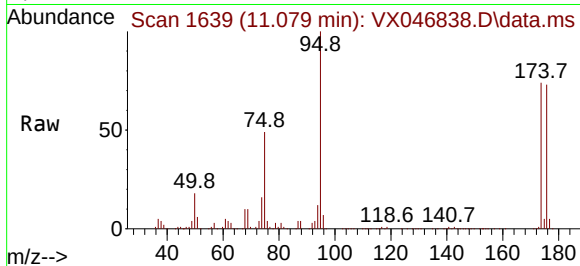




#81
trans-1,4-Dichloro-2-butene
Concen: 78.695 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

Tgt Ion: 75 Resp: 100184
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.450 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion: 225 Resp: 853
Ion Ratio Lower Upper
225 100
223 64.6 32.5 97.5
227 64.7 32.2 96.6

