

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048312.D
 Acq On : 23 Oct 2025 10:07
 Operator : JC/MD
 Sample : VX1023WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBL01

Quant Time: Oct 24 05:39:11 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)

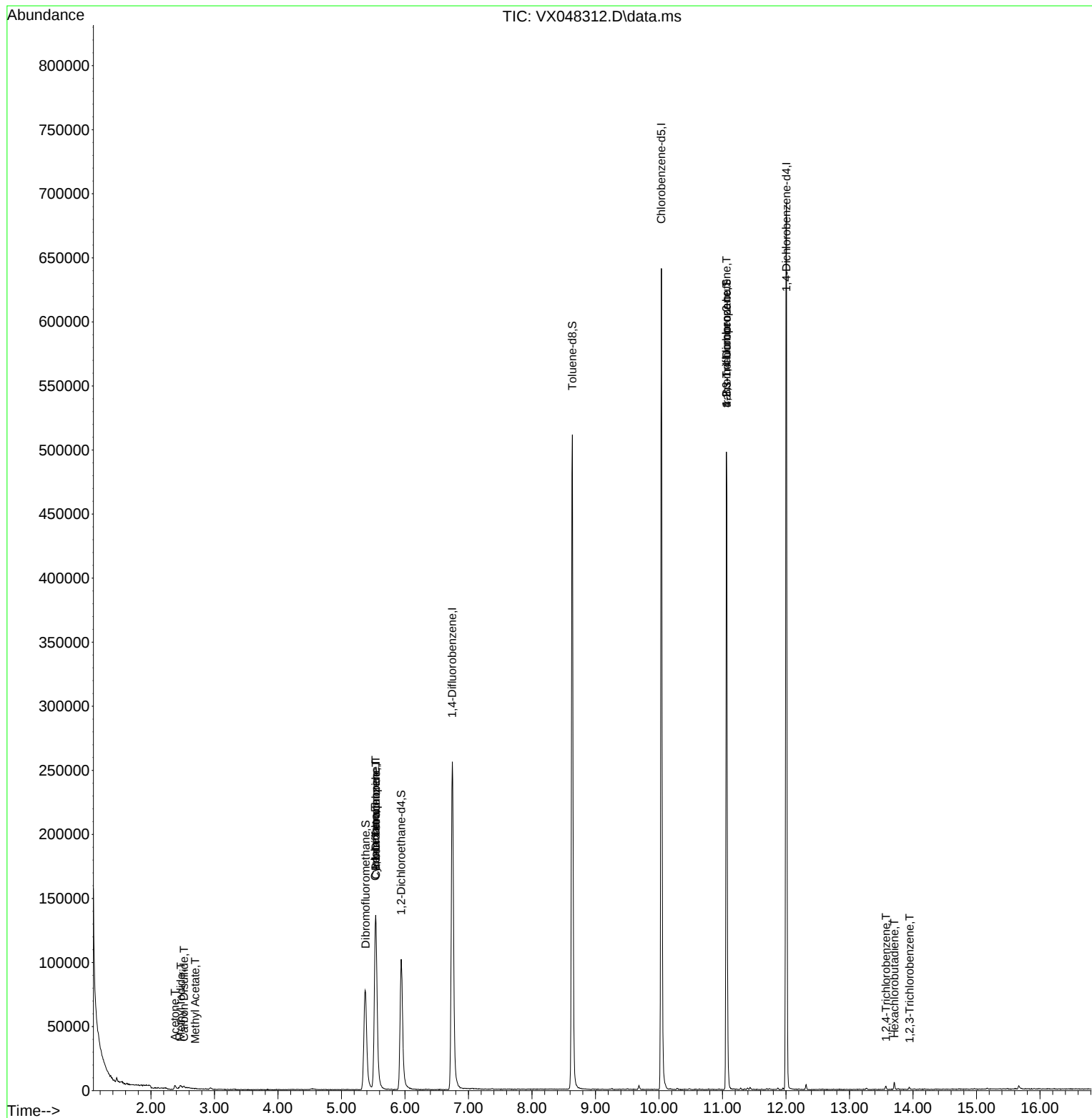
Internal Standards						
1) Pentafluorobenzene	5.538	168	135150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	281729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112087	59.152	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	118.300%#
35) Dibromofluoromethane	5.379	113	75448	40.198	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	80.400%
50) Toluene-d8	8.635	98	312816	47.549	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.100%
62) 4-Bromofluorobenzene	11.061	95	134411	53.705	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.400%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	2592	1.414	ug/l #	94
16) Acetone	2.380	43	3829	5.890	ug/l	94
17) Carbon Disulfide	2.520	76	950	0.212	ug/l #	86
18) Methyl Acetate	2.697	43	719	0.530	ug/l #	69
31) Cyclohexane	5.532	56	3043	1.294	ug/l #	28
36) 1,1-Dichloropropene	5.538	75	11643	4.364	ug/l #	48
38) Carbon Tetrachloride	5.544	117	15082	4.582	ug/l #	15
76) 1,2,3-Trichloropropane	11.061	75	72415	30.918	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	72415	75.222	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.573	180	727	0.230	ug/l	91
94) Hexachlorobutadiene	13.707	225	741	0.690	ug/l	97
96) 1,2,3-Trichlorobenzene	13.945	180	601	0.207	ug/l	80

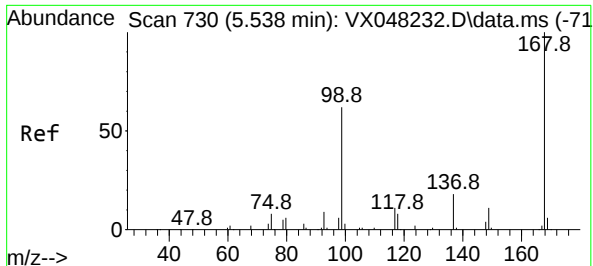
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
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VX1023WBL01

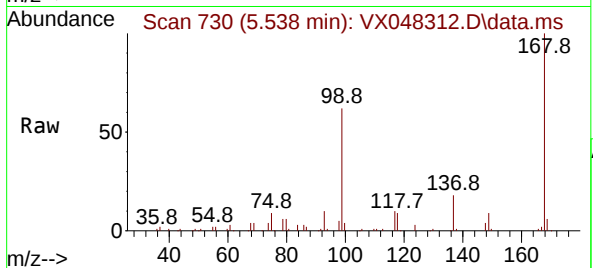
Quant Time: Oct 24 05:39:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



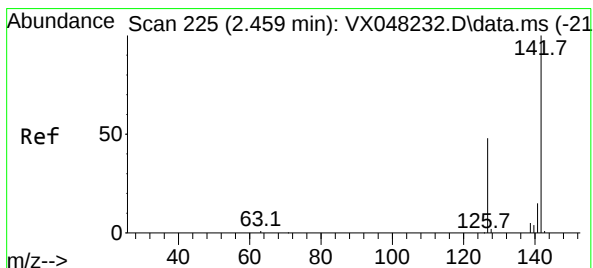
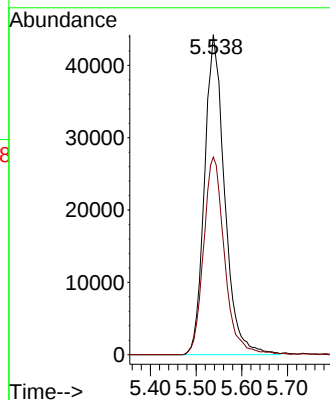
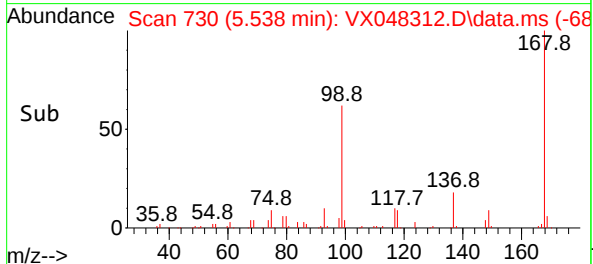


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

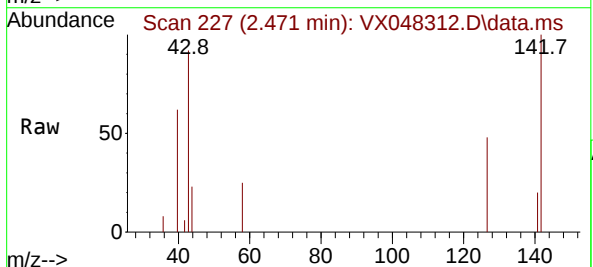
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MSVOA_X
ClientSampleId :
VX1023WBL01



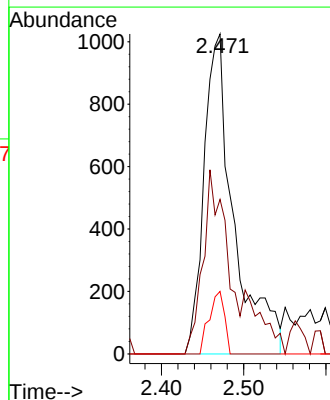
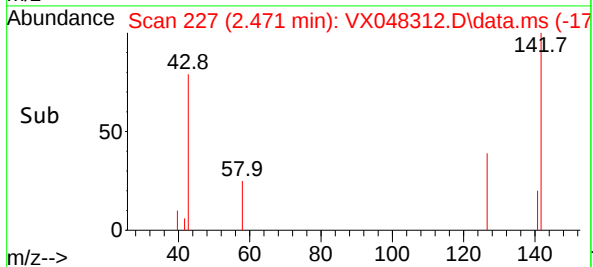
Tgt Ion:168 Resp: 135150
Ion Ratio Lower Upper
168 100
99 61.7 46.4 69.6

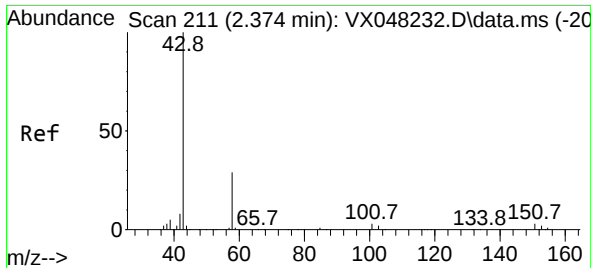


#10
Methyl Iodide
Concen: 1.414 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07



Tgt Ion:142 Resp: 2592
Ion Ratio Lower Upper
142 100
127 45.3 38.5 57.7
141 10.0 11.6 17.4#

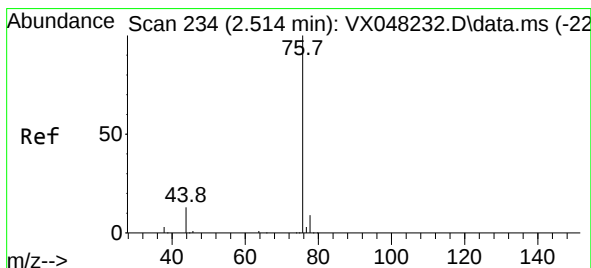
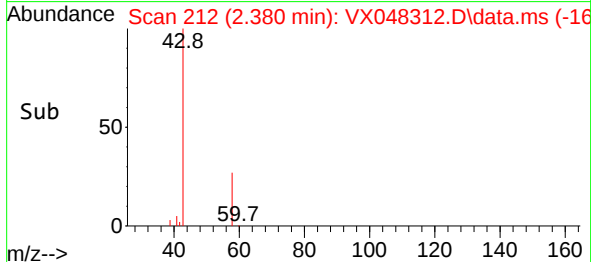
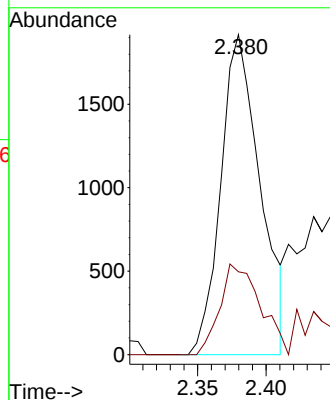
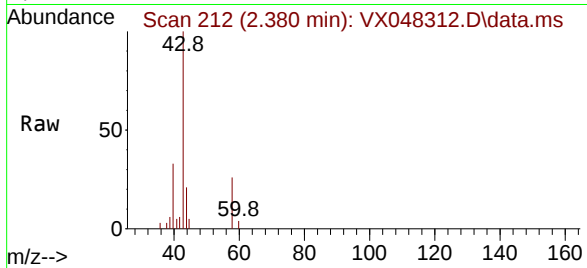




#16
Acetone
Concen: 5.890 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

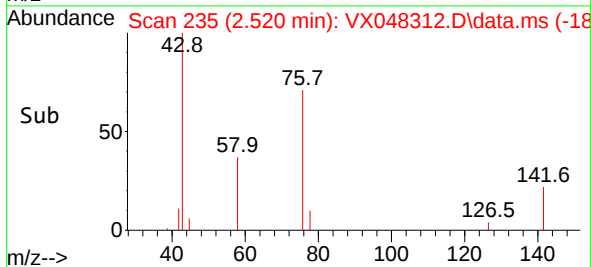
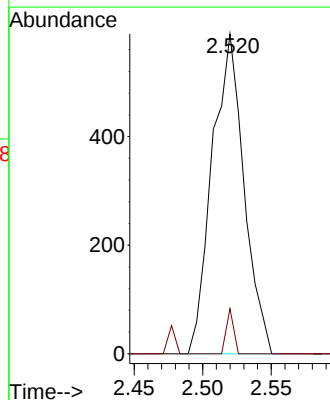
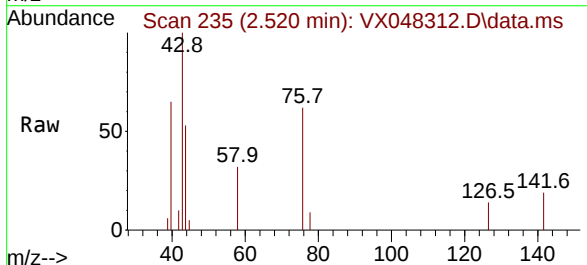
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

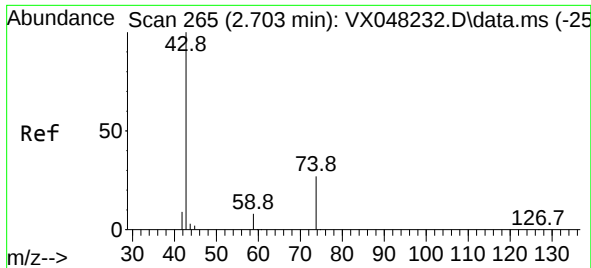
Tgt Ion: 43 Resp: 3829
Ion Ratio Lower Upper
43 100
58 25.9 23.4 35.2



#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

Tgt Ion: 76 Resp: 950
Ion Ratio Lower Upper
76 100
78 14.1 7.1 10.7#

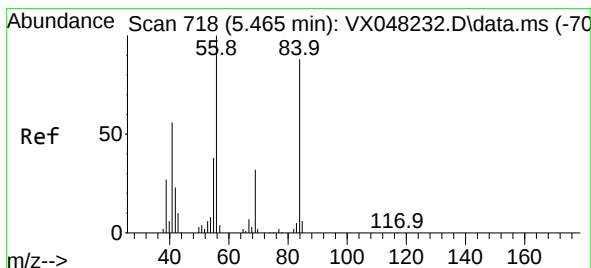
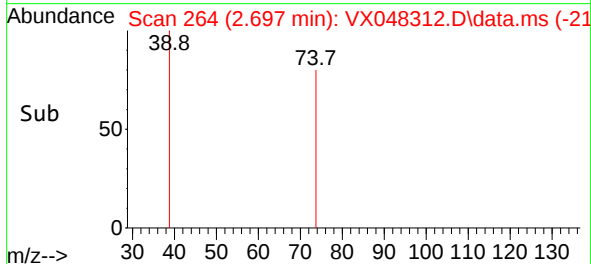
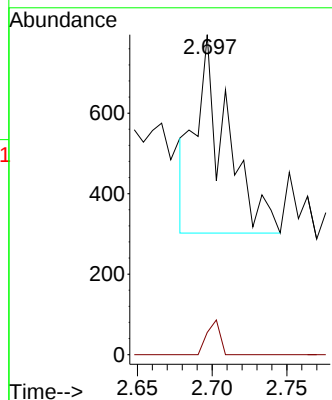
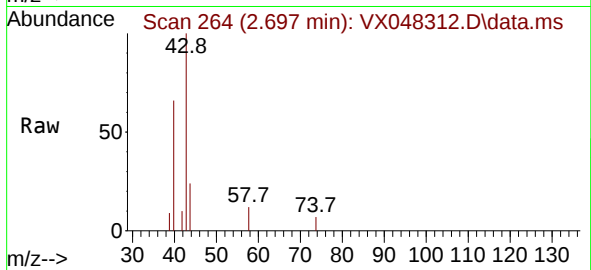




#18
Methyl Acetate
Concen: 0.530 ug/l
RT: 2.697 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

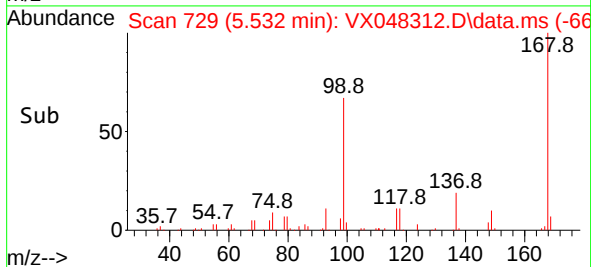
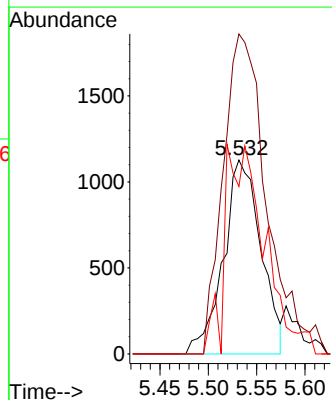
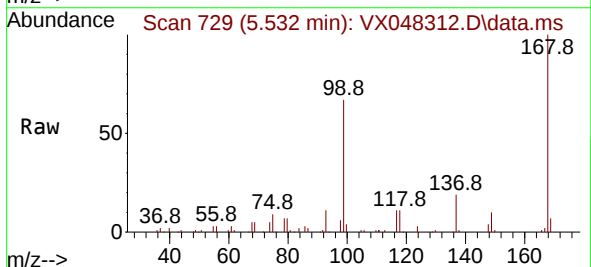
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

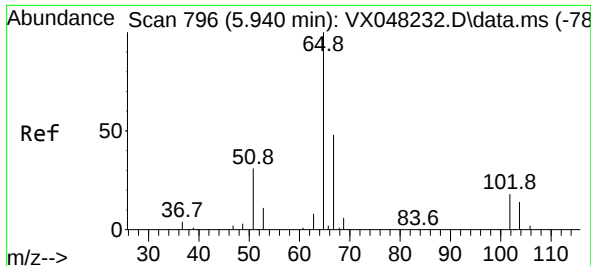
Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
74 7.2 17.5 26.3#



#31
Cyclohexane
Concen: 1.294 ug/l
RT: 5.532 min Scan# 729
Delta R.T. 0.073 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

Tgt Ion: 56 Resp: 3043
Ion Ratio Lower Upper
56 100
69 165.0 23.0 34.6#
84 86.4 64.6 97.0

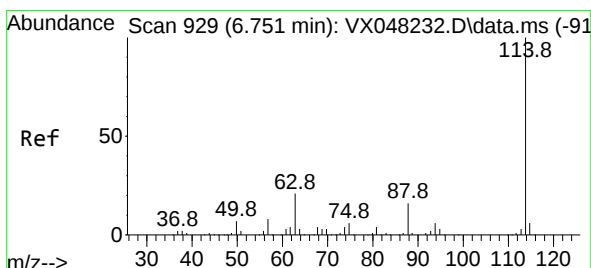
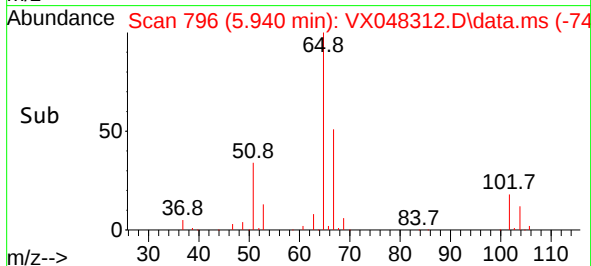
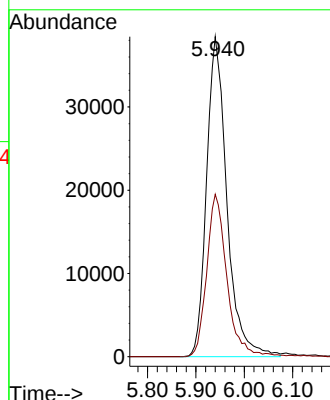
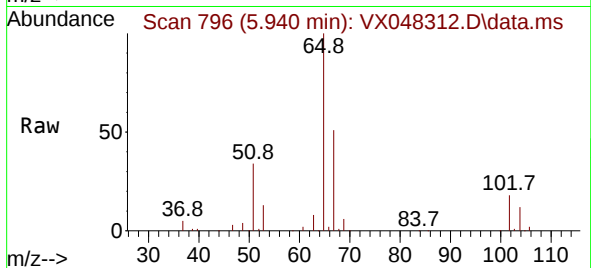




#33
 1,2-Dichloroethane-d4
 Concen: 59.152 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VX048312.D
 Acq: 23 Oct 2025 10:07

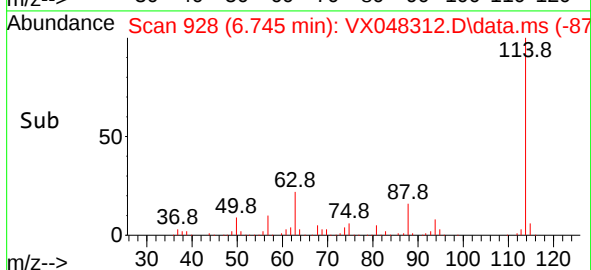
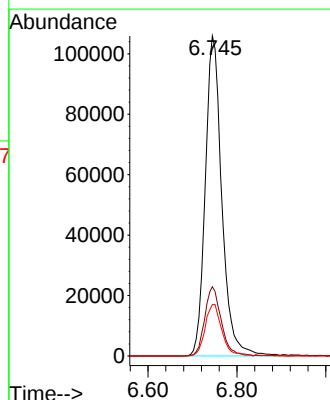
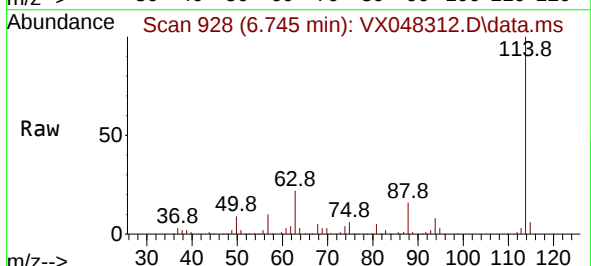
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBL01

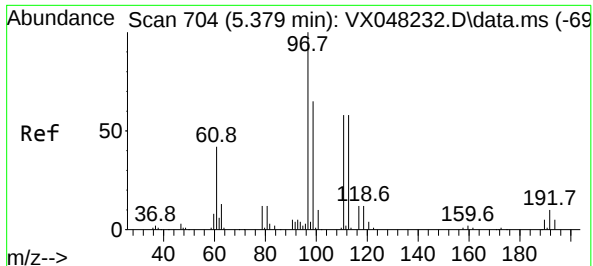
Tgt Ion: 65 Resp: 112087
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048312.D
 Acq: 23 Oct 2025 10:07

Tgt Ion: 114 Resp: 274929
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 16.1 0.0 33.6

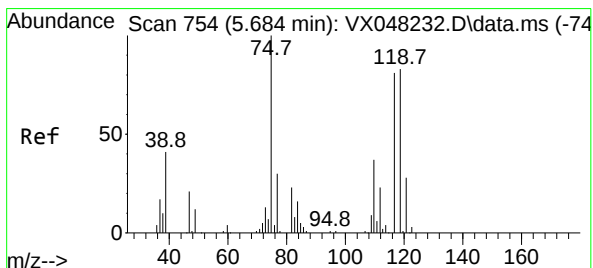
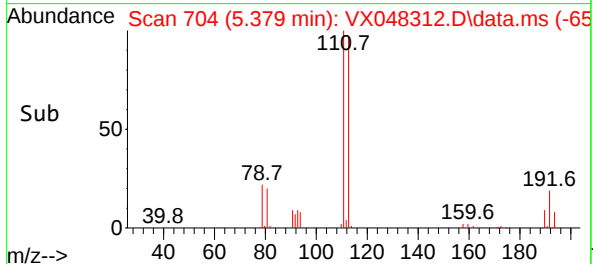
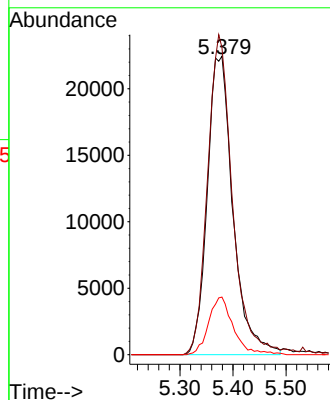
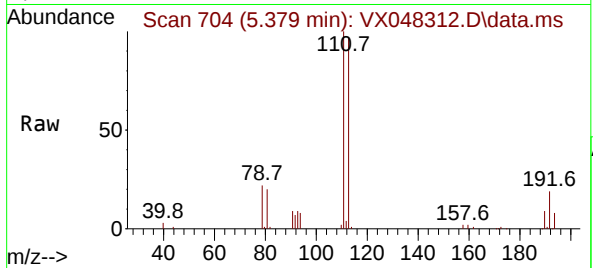




#35
Dibromofluoromethane
Concen: 40.198 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

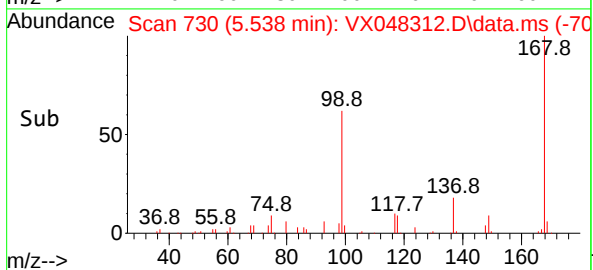
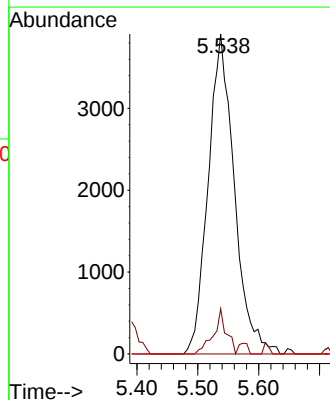
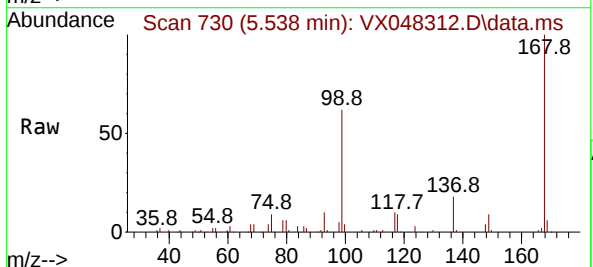
Instrument :
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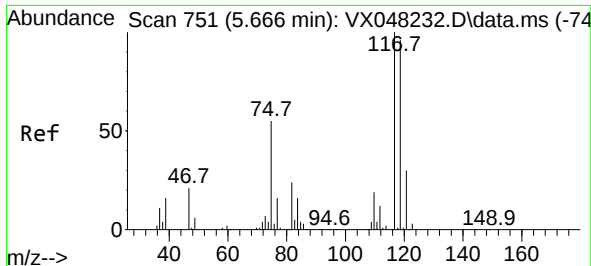
Tgt Ion:113 Resp: 75448
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 18.7 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.364 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

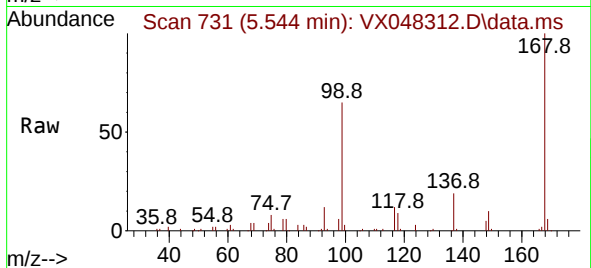
Tgt Ion: 75 Resp: 11643
Ion Ratio Lower Upper
75 100
110 6.9 17.7 53.1#
77 0.0 24.3 36.5#



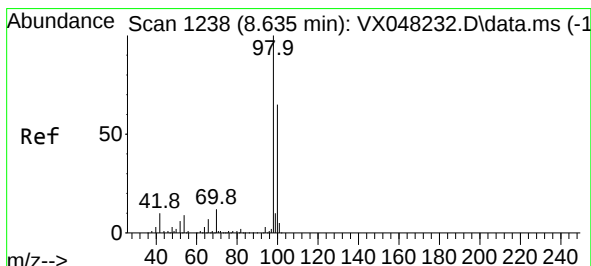
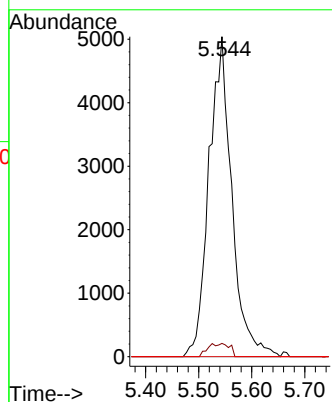
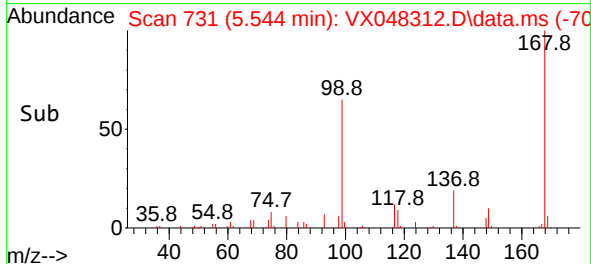


#38
Carbon Tetrachloride
Concen: 4.582 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

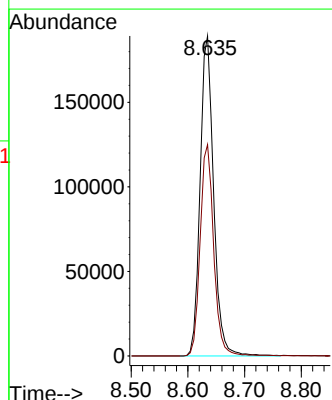
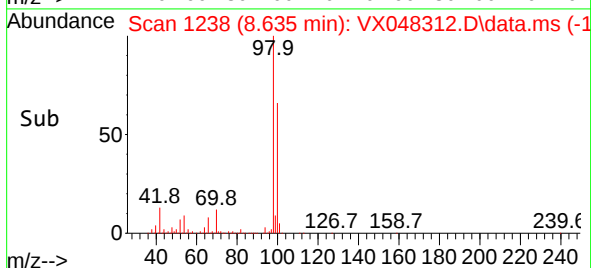
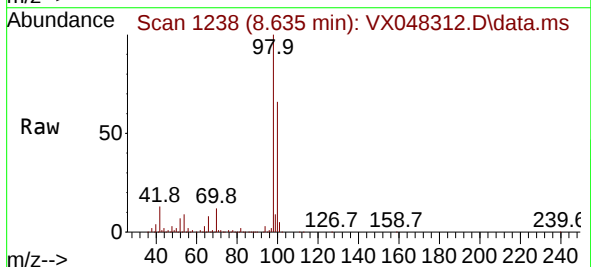


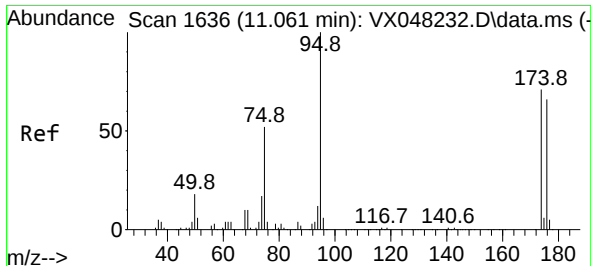
Tgt Ion:117 Resp: 15082
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.549 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

Tgt Ion: 98 Resp: 312816
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 53.705 ug/l

RT: 11.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048312.D

Acq: 23 Oct 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBL01

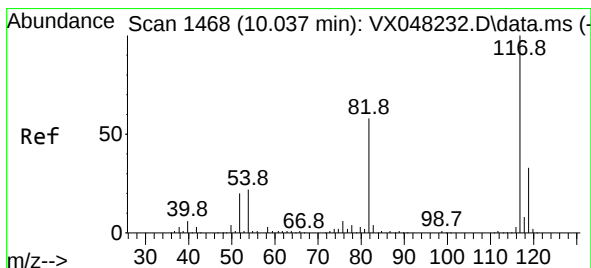
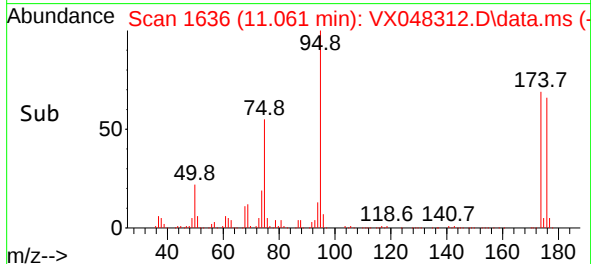
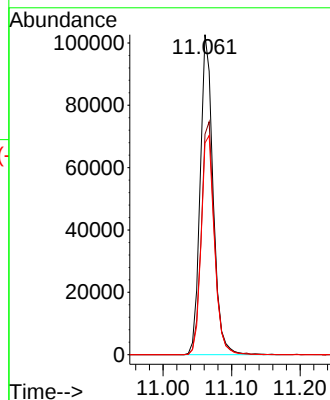
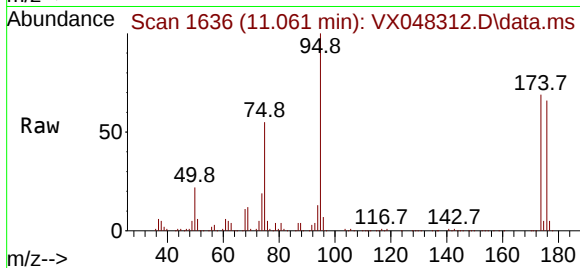
Tgt Ion: 95 Resp: 134411

Ion Ratio Lower Upper

95 100

174 74.4 0.0 147.8

176 70.7 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: VX048312.D

Acq: 23 Oct 2025 10:07

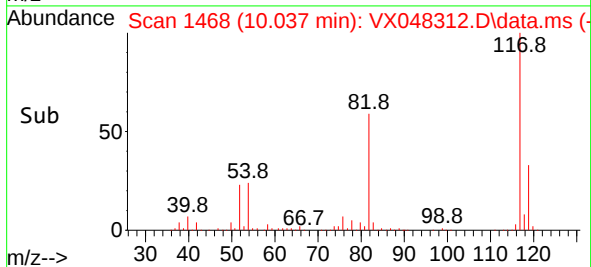
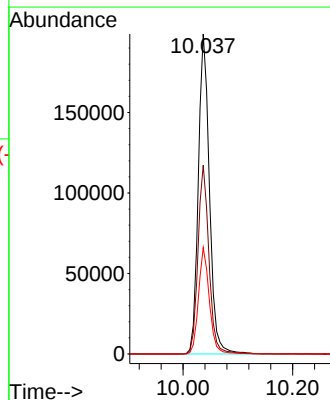
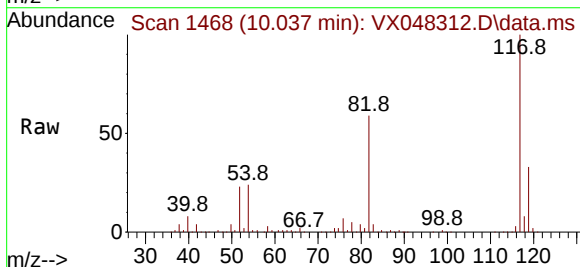
Tgt Ion: 117 Resp: 281729

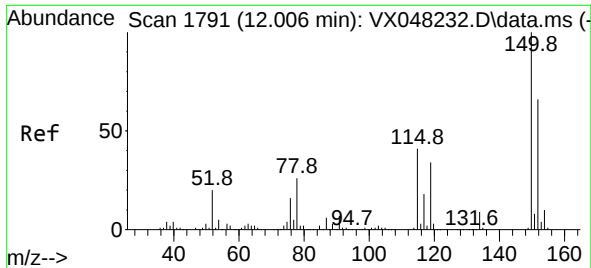
Ion Ratio Lower Upper

117 100

82 59.0 46.5 69.7

119 33.3 25.9 38.9

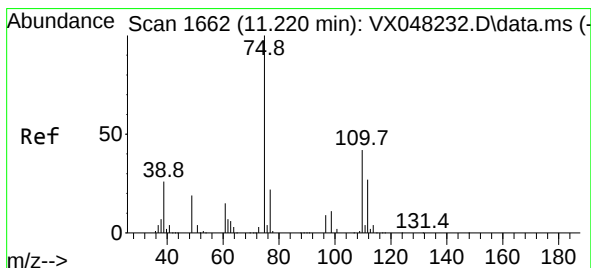
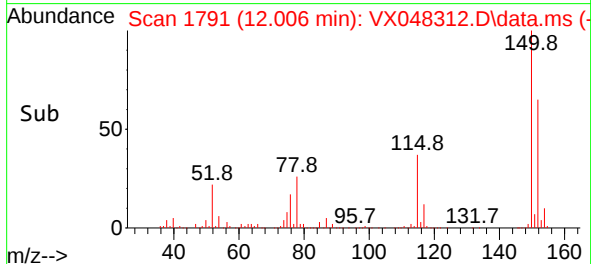
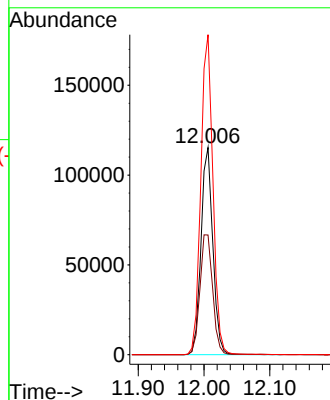
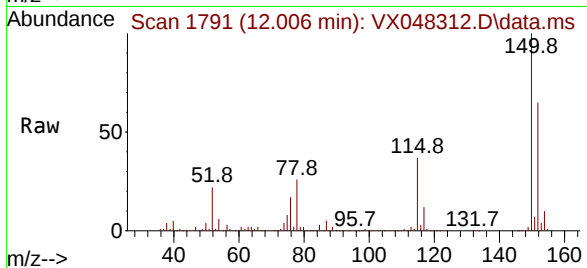




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048312.D
 Acq: 23 Oct 2025 10:07

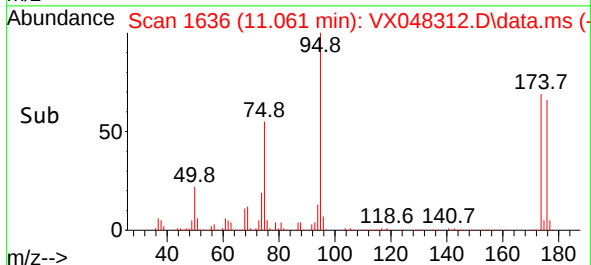
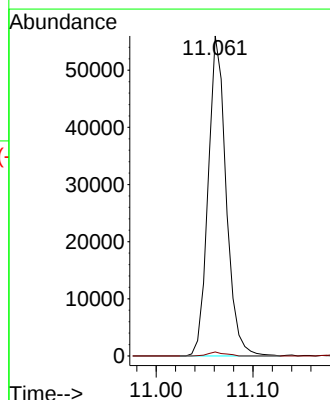
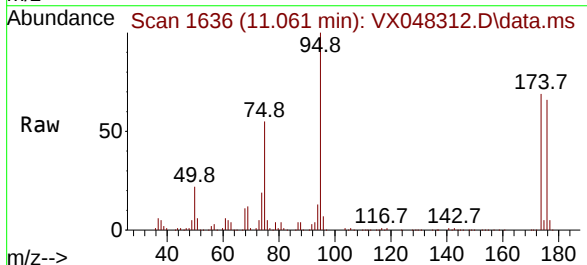
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBL01

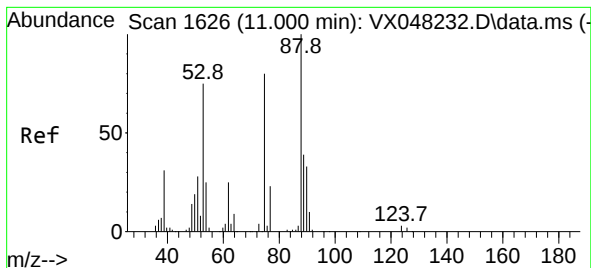
Tgt Ion:152 Resp: 144428
 Ion Ratio Lower Upper
 152 100
 115 62.3 43.1 129.4
 150 158.0 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 30.918 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.158 min
 Lab File: VX048312.D
 Acq: 23 Oct 2025 10:07

Tgt Ion: 75 Resp: 72415
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.4 67.2#

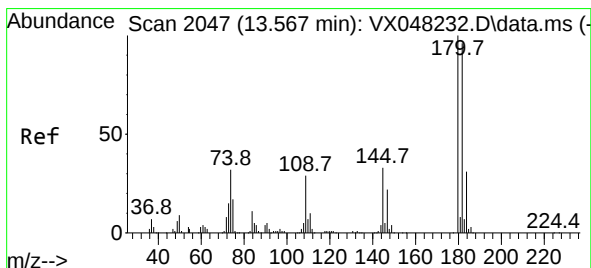
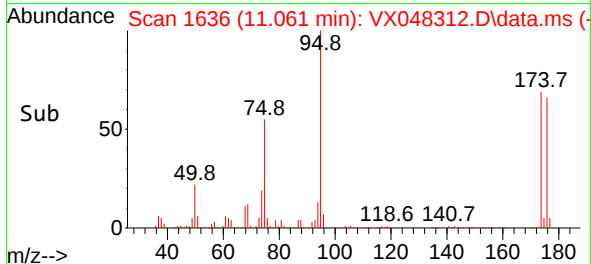
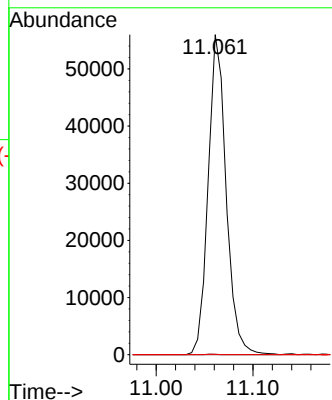
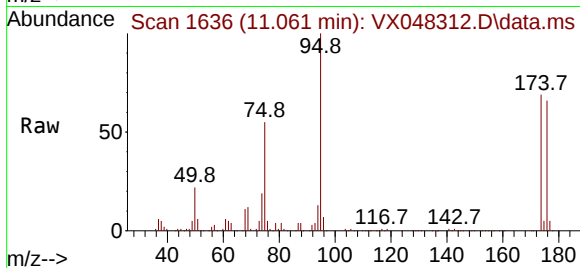




#81
trans-1,4-Dichloro-2-butene
Concen: 75.222 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

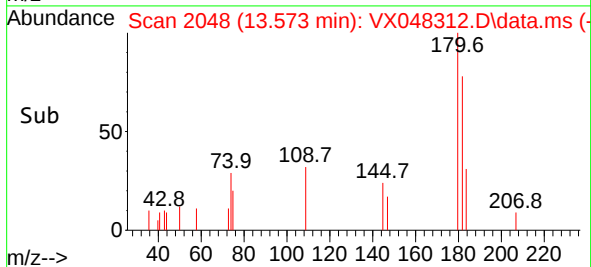
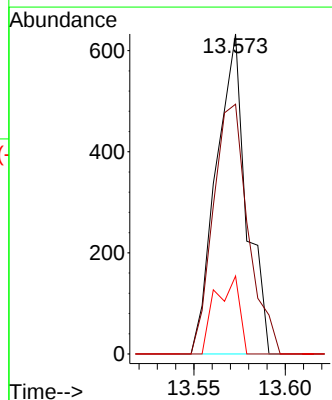
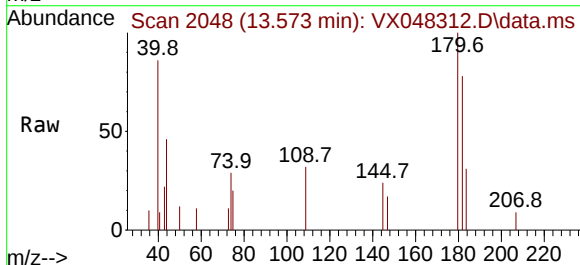
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

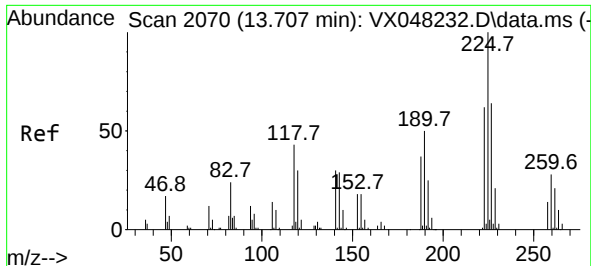
Tgt Ion: 75 Resp: 72415
Ion Ratio Lower Upper
75 100
53 0.1 79.5 119.3#
89 0.0 36.8 55.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.230 ug/l
RT: 13.573 min Scan# 2048
Delta R.T. 0.006 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

Tgt Ion:180 Resp: 727
Ion Ratio Lower Upper
180 100
182 90.5 47.3 142.0
145 19.4 16.3 48.9

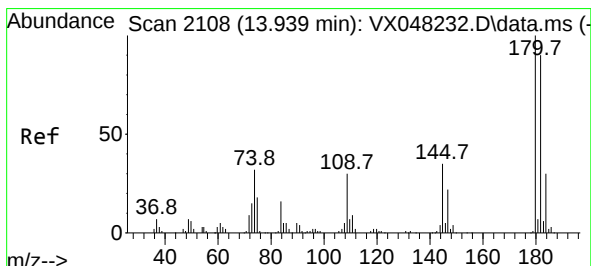
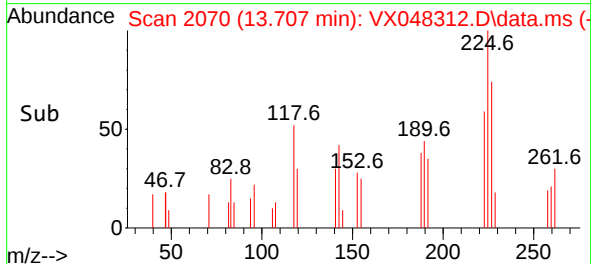
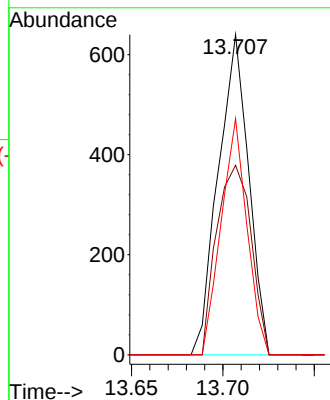
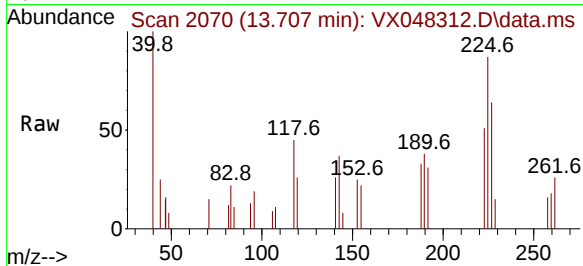




#94
Hexachlorobutadiene
Concen: 0.690 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBL01

Tgt Ion:	225	Resp:	741
Ion	Ratio	Lower	Upper
225	100		
223	67.3	32.6	97.7
227	62.6	32.5	97.4



#96
1,2,3-Trichlorobenzene
Concen: 0.207 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048312.D
Acq: 23 Oct 2025 10:07

Tgt Ion:	180	Resp:	601
Ion	Ratio	Lower	Upper
180	100		
182	68.9	46.6	139.7
145	30.8	16.9	50.7

