

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047637.D
 Acq On : 18 Sep 2025 13:58
 Operator : JC/MD
 Sample : Q3095-18DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20250909DL

Quant Time: Sep 22 03:35:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

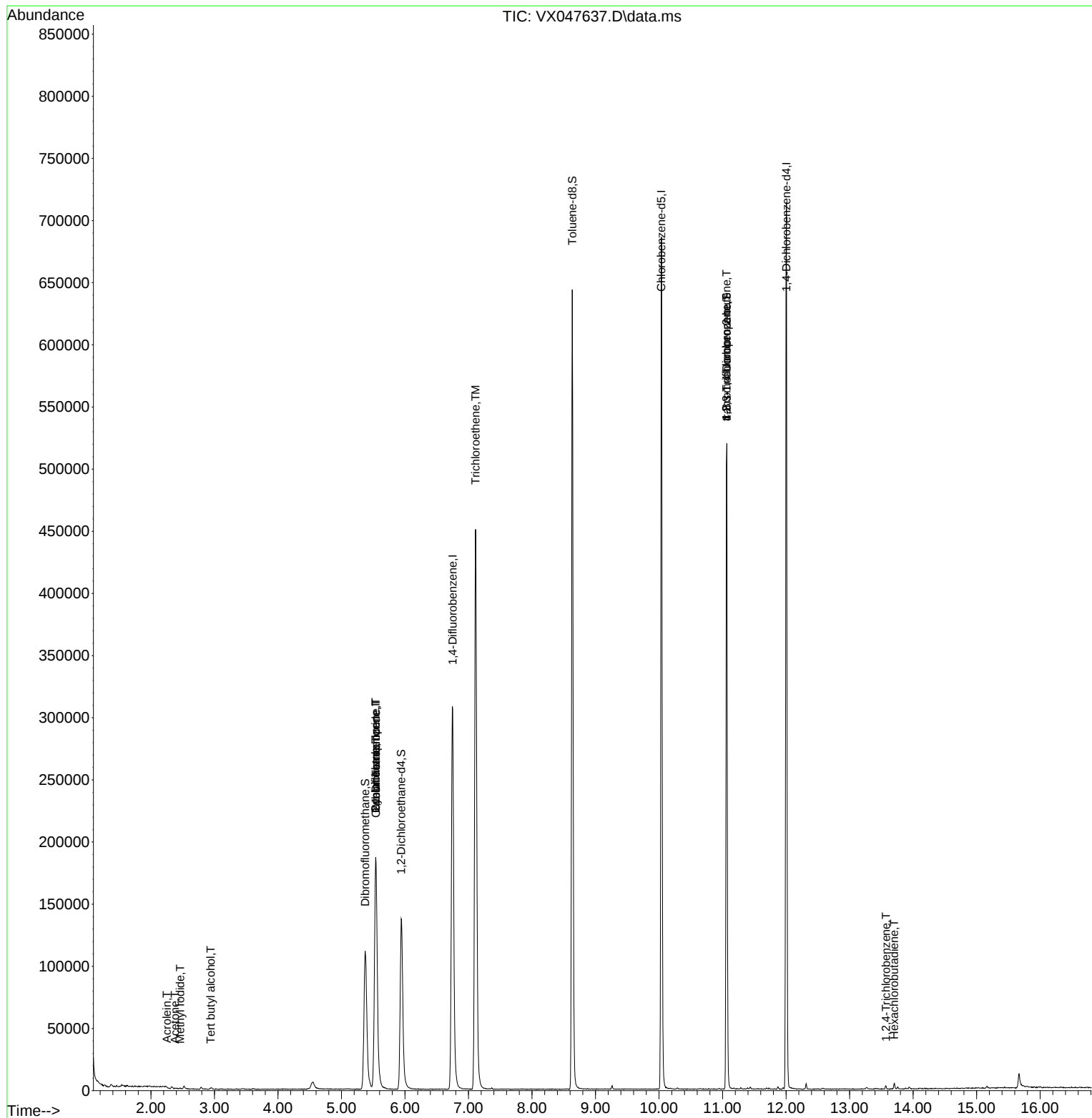
Internal Standards						
1) Pentafluorobenzene	5.538	168	188808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	340601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	307144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	150558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	149873	49.869	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.740%		
35) Dibromofluoromethane	5.373	113	110117	48.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.420%		
50) Toluene-d8	8.635	98	390264	49.376	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.760%		
62) 4-Bromofluorobenzene	11.061	95	150193	50.069	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.140%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	719	0.211	ug/l #	88
11) Tert butyl alcohol	2.941	59	398	1.189	ug/l #	72
13) Acrolein	2.252	56	111	0.360	ug/l #	36
16) Acetone	2.380	43	1169	0.895	ug/l #	89
31) Cyclohexane	5.538	56	4276	1.077	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	16147	4.838	ug/l #	52
38) Carbon Tetrachloride	5.544	117	20091	5.540	ug/l #	17
44) Trichloroethene	7.111	130	187122	76.346	ug/l	94
76) 1,2,3-Trichloropropane	11.061	75	76937	25.239	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	76937	64.363	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.573	180	752	0.232	ug/l	88
94) Hexachlorobutadiene	13.701	225	765	0.695	ug/l	94

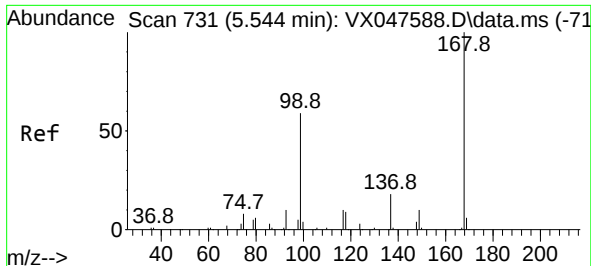
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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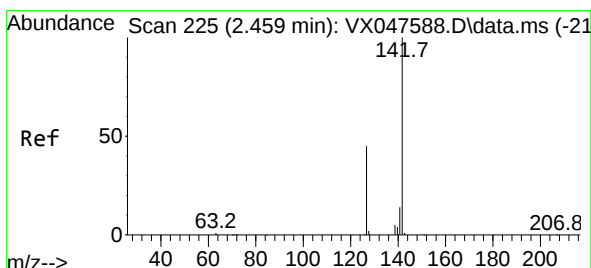
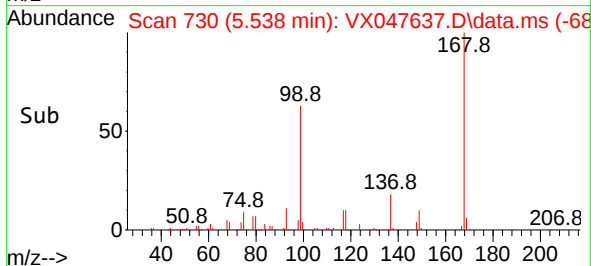
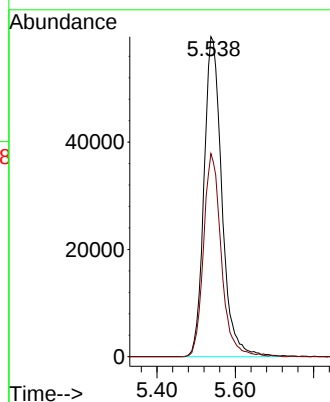
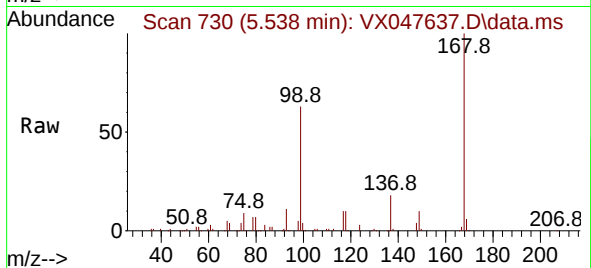




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047637.D
Acq: 18 Sep 2025 13:58

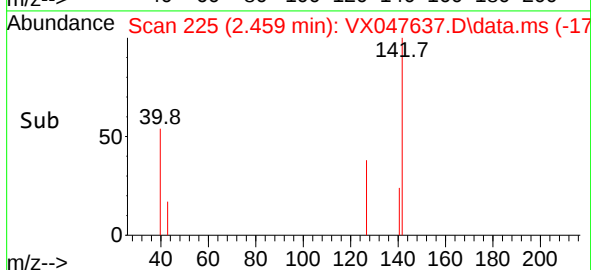
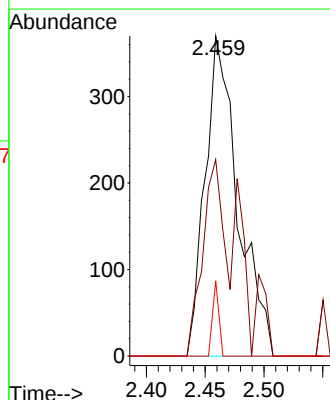
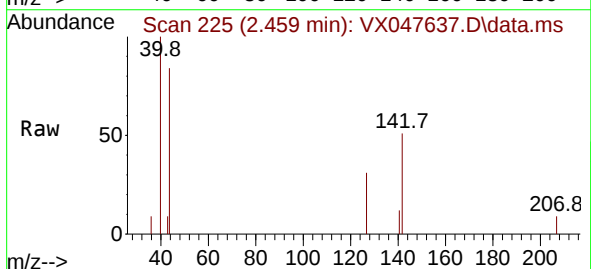
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20250909DL

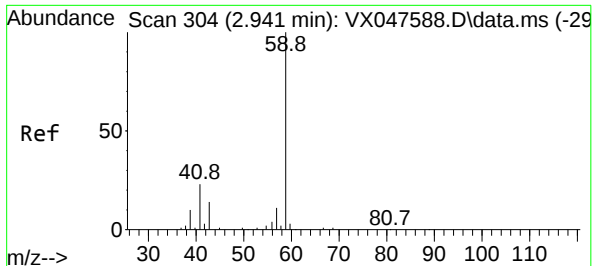
Tgt Ion:168 Resp: 188808
Ion Ratio Lower Upper
168 100
99 63.5 48.8 73.2



#10
Methyl Iodide
Concen: 0.211 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047637.D
Acq: 18 Sep 2025 13:58

Tgt Ion:142 Resp: 719
Ion Ratio Lower Upper
142 100
127 41.0 37.2 55.8
141 4.5 11.4 17.0#

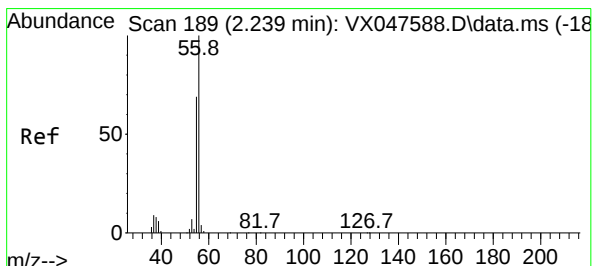
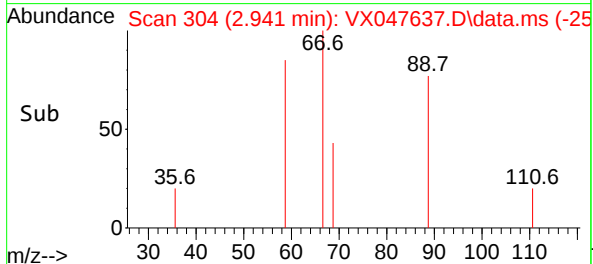
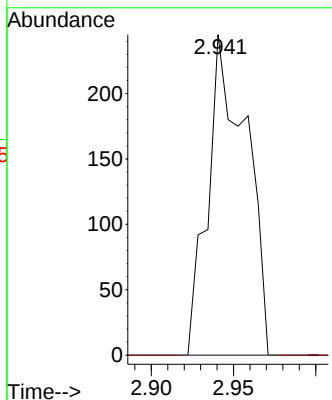
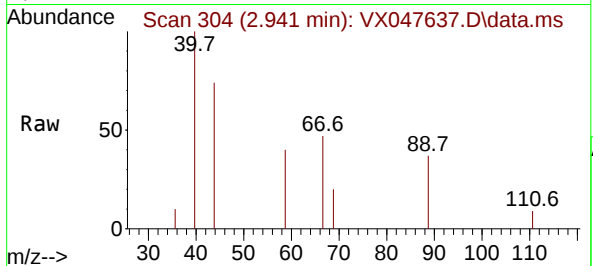




#11
Tert butyl alcohol
Concen: 1.189 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047637.D
Acq: 18 Sep 2025 13:58

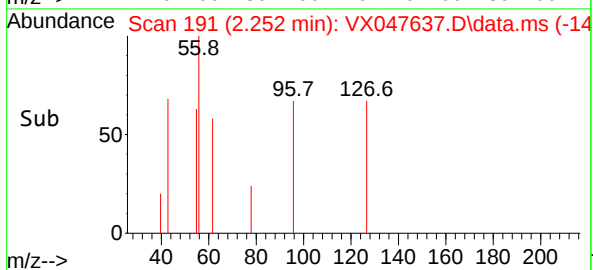
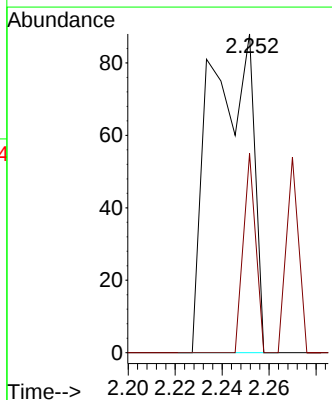
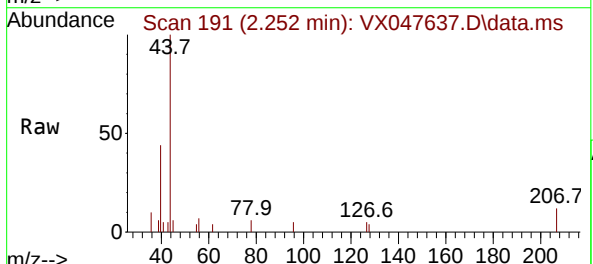
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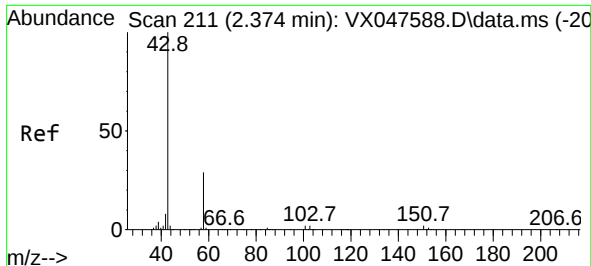
Tgt Ion: 59 Resp: 398
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.360 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX047637.D
Acq: 18 Sep 2025 13:58

Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 18.0 57.2 85.8#

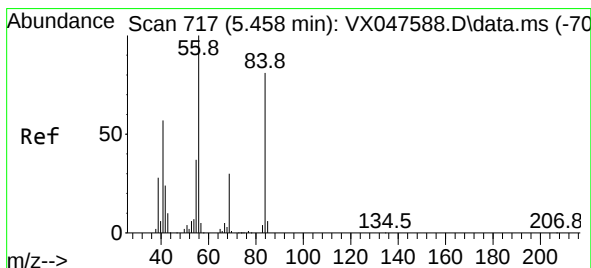
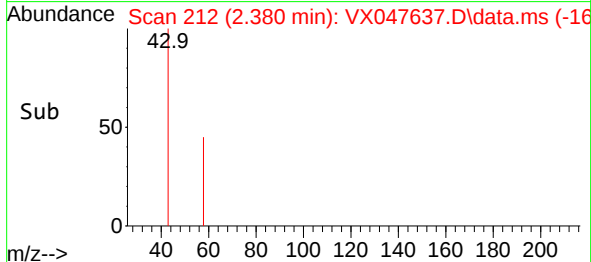
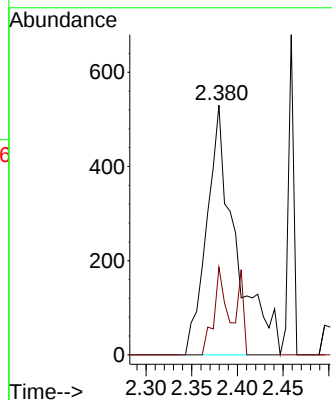
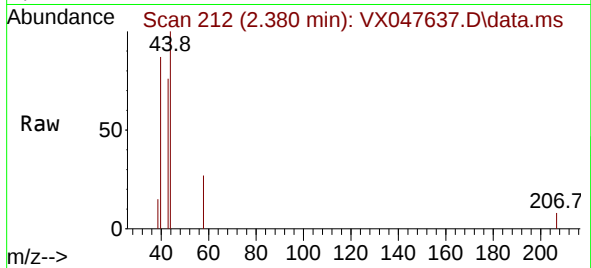




#16
Acetone
Concen: 0.895 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047637.D
Acq: 18 Sep 2025 13:58

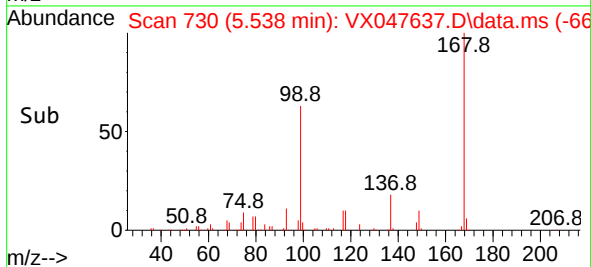
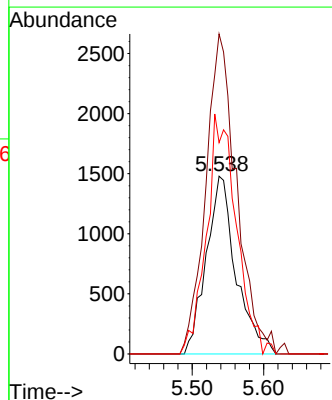
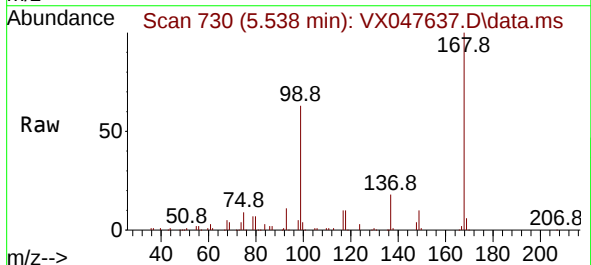
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20250909DL

Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
58 35.1 23.4 35.0#



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX047637.D
Acq: 18 Sep 2025 13:58

Tgt Ion: 56 Resp: 4276
Ion Ratio Lower Upper
56 100
69 180.1 23.8 35.8#
84 118.9 64.6 97.0#

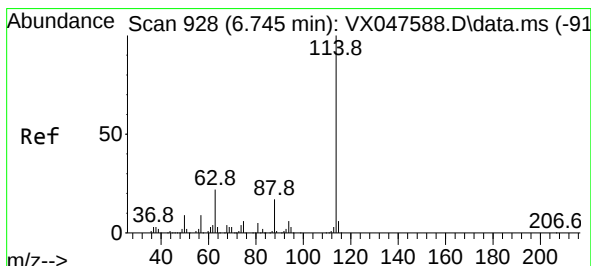
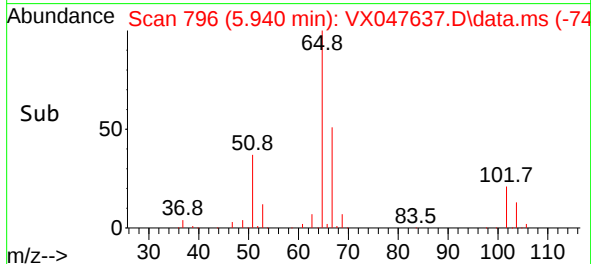
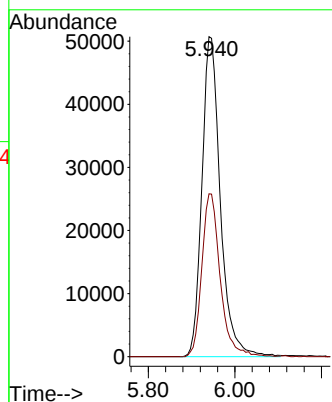
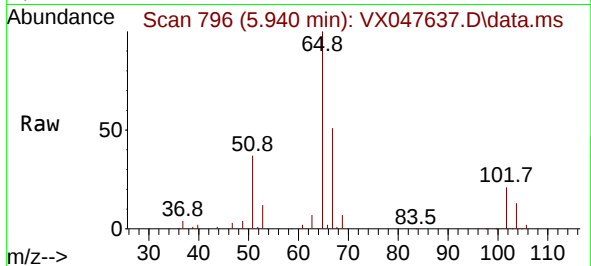




#33
 1,2-Dichloroethane-d4
 Concen: 49.869 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX047637.D
 Acq: 18 Sep 2025 13:58

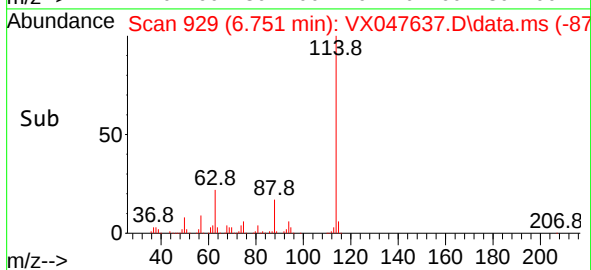
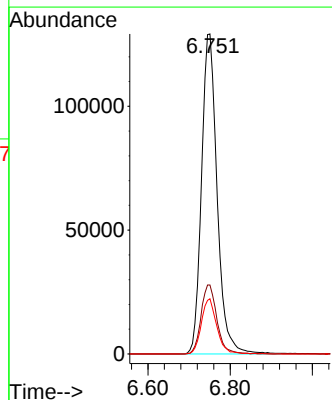
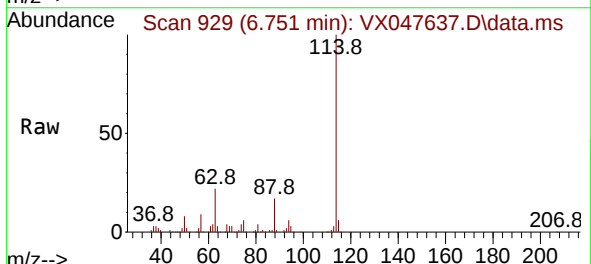
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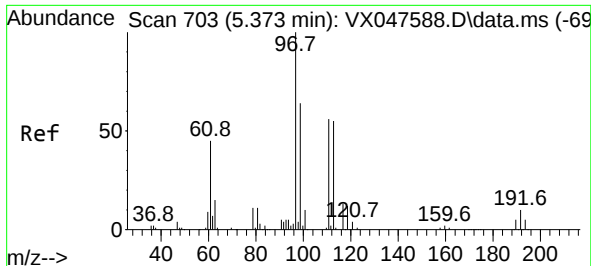
Tgt Ion: 65 Resp: 149873
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX047637.D
 Acq: 18 Sep 2025 13:58

Tgt Ion: 114 Resp: 340601
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 44.0
 88 17.3 0.0 34.2

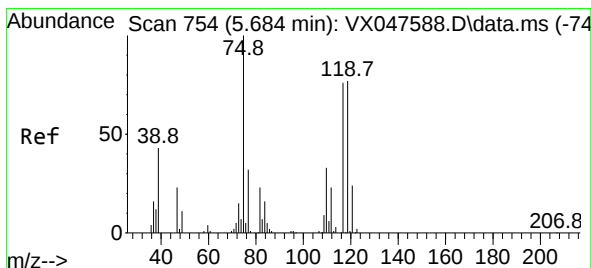
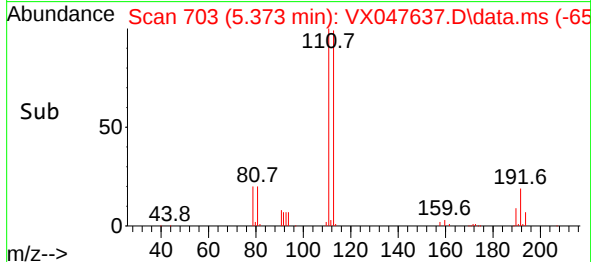
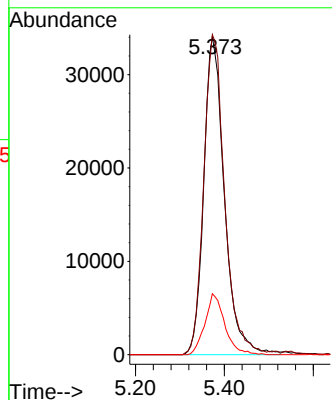
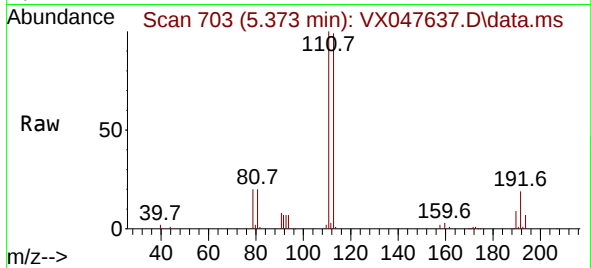




#35
Dibromofluoromethane
Concen: 48.207 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047637.D
Acq: 18 Sep 2025 13:58

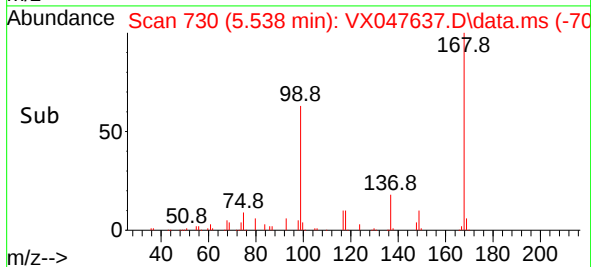
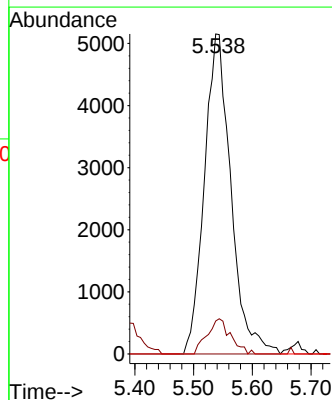
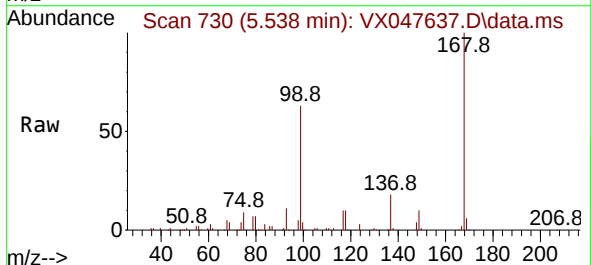
Instrument :
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ClientSampleId :
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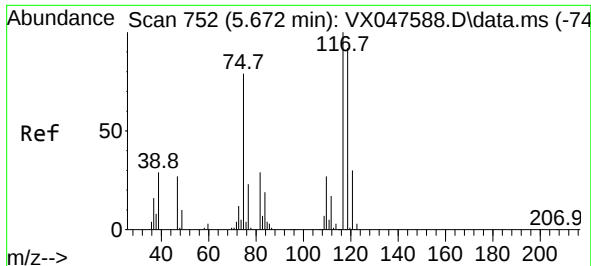
Tgt Ion:113 Resp: 110117
Ion Ratio Lower Upper
113 100
111 101.8 80.9 121.3
192 18.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.838 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX047637.D
Acq: 18 Sep 2025 13:58

Tgt Ion: 75 Resp: 16147
Ion Ratio Lower Upper
75 100
110 9.7 16.7 50.1#
77 0.0 24.3 36.5#

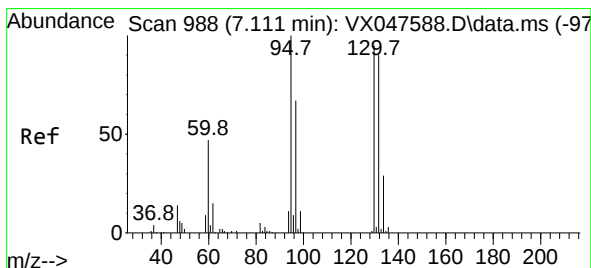
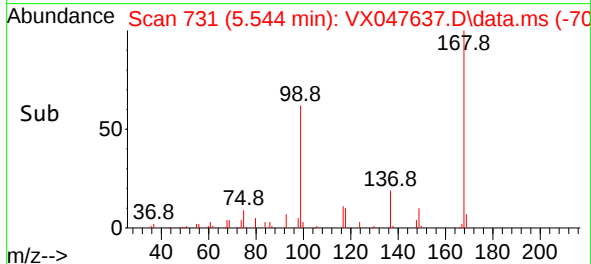
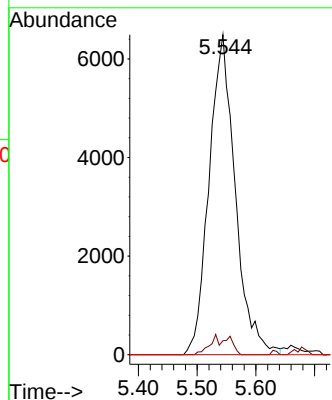
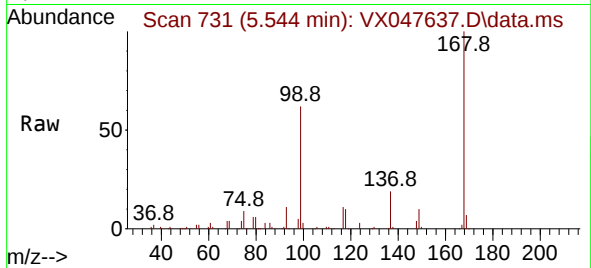




#38
Carbon Tetrachloride
Concen: 5.540 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047637.D
Acq: 18 Sep 2025 13:58

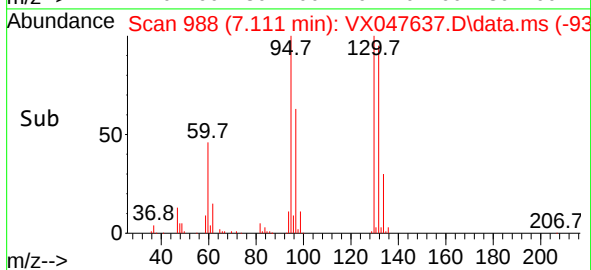
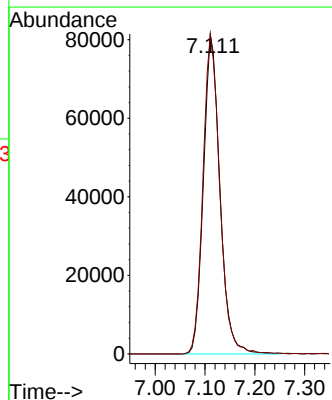
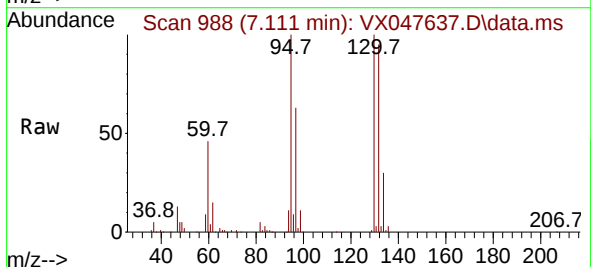
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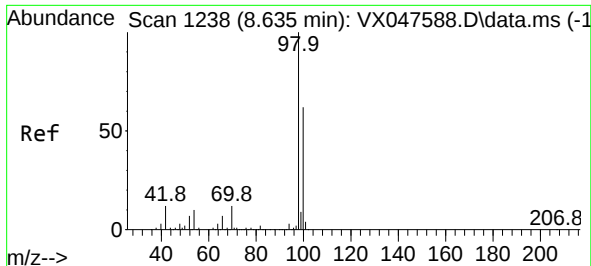
Tgt Ion:117 Resp: 20091
Ion Ratio Lower Upper
117 100
119 4.3 73.4 110.2#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 76.346 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047637.D
Acq: 18 Sep 2025 13:58

Tgt Ion:130 Resp: 187122
Ion Ratio Lower Upper
130 100
95 99.7 0.0 210.8

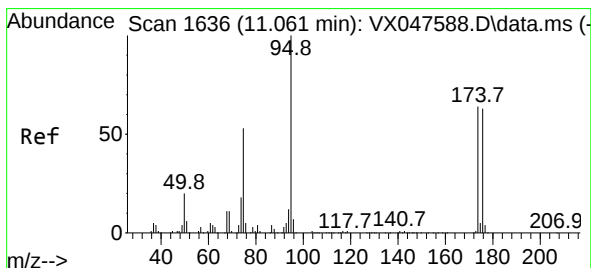
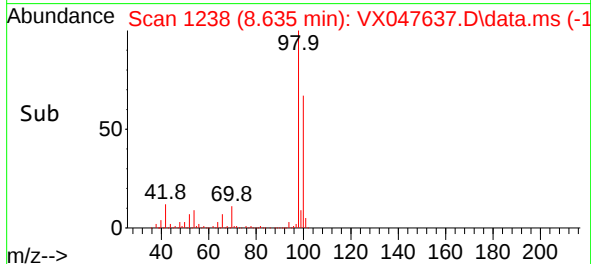
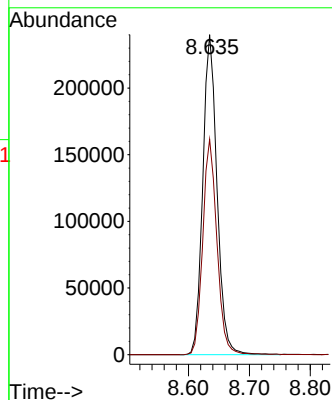
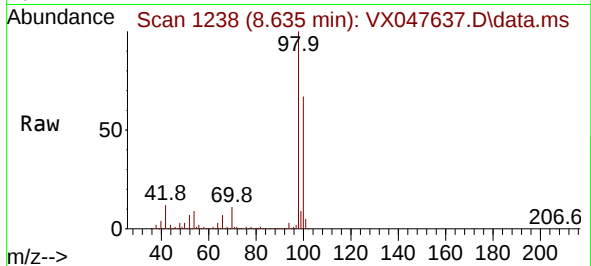




#50
Toluene-d8
Concen: 49.376 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047637.D
Acq: 18 Sep 2025 13:58

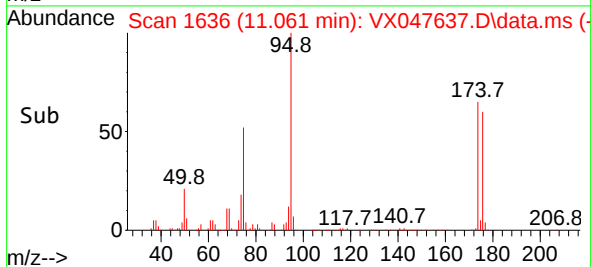
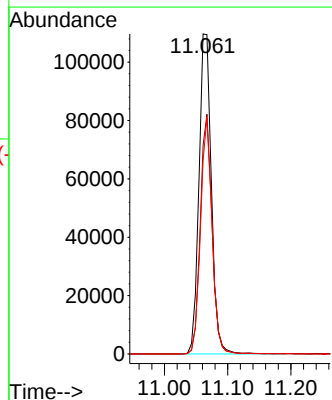
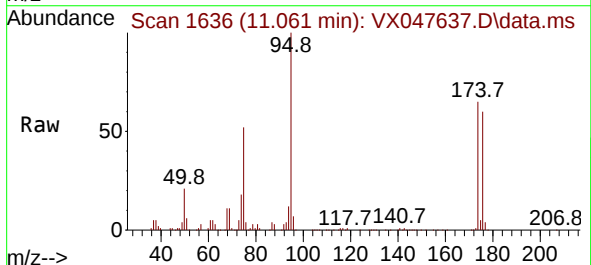
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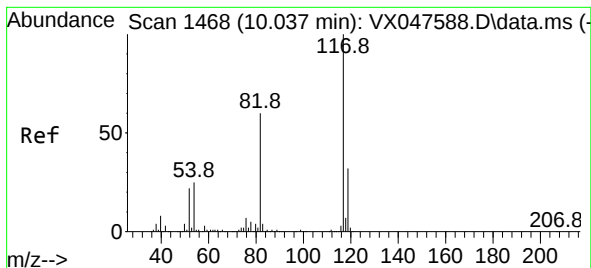
Tgt Ion: 98 Resp: 390264
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.069 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047637.D
Acq: 18 Sep 2025 13:58

Tgt Ion: 95 Resp: 150193
Ion Ratio Lower Upper
95 100
174 71.0 0.0 141.6
176 68.7 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047637.D

Acq: 18 Sep 2025 13:58

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-20250909DL

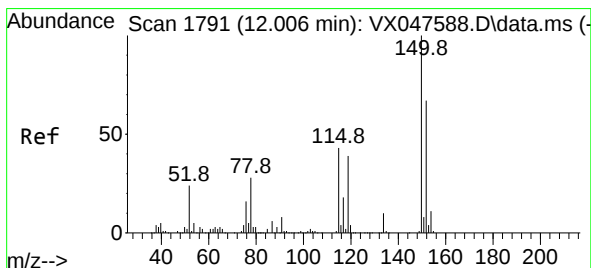
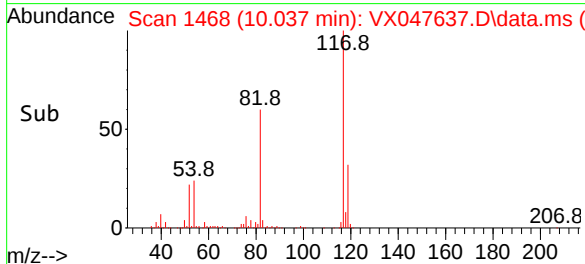
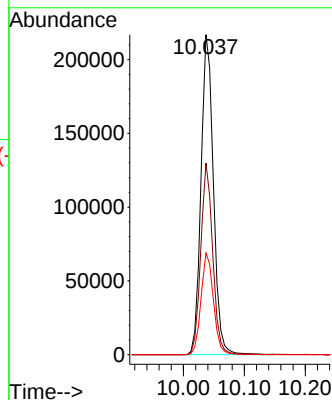
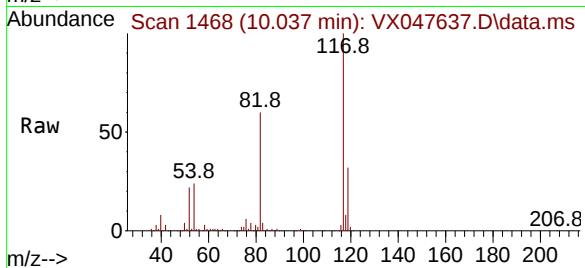
Tgt Ion:117 Resp: 307144

Ion Ratio Lower Upper

117 100

82 59.9 47.8 71.6

119 31.7 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047637.D

Acq: 18 Sep 2025 13:58

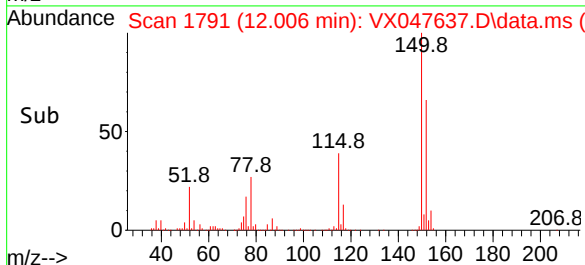
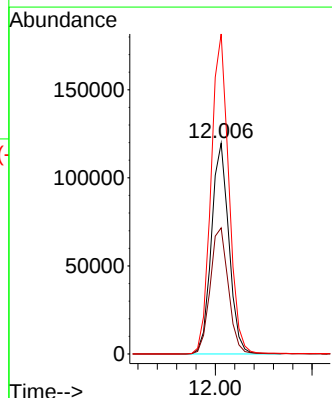
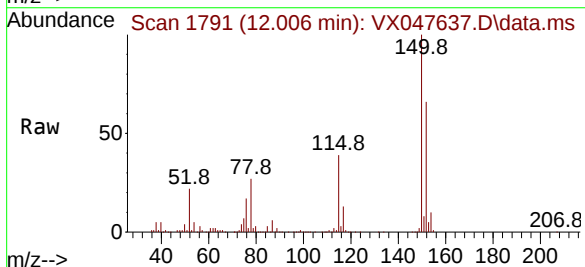
Tgt Ion:152 Resp: 150558

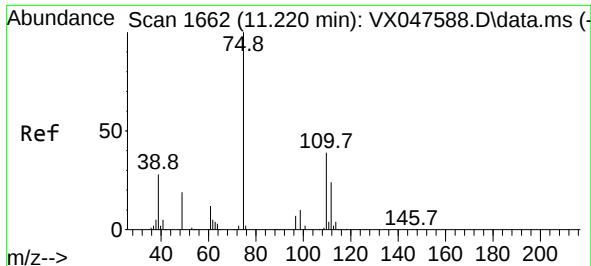
Ion Ratio Lower Upper

152 100

115 62.3 44.9 134.5

150 154.1 0.0 352.0

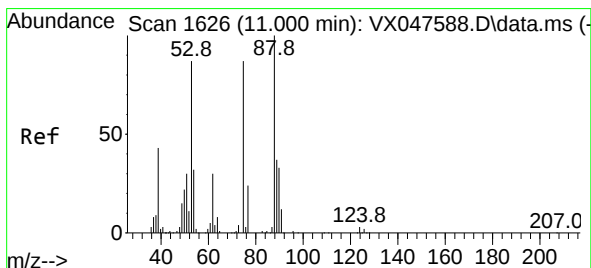
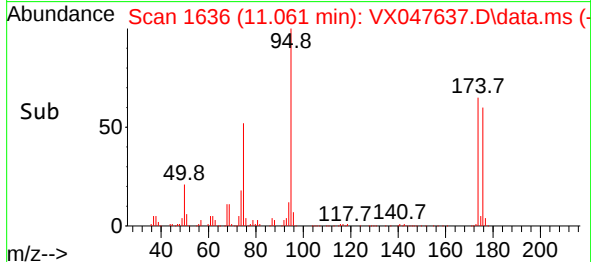
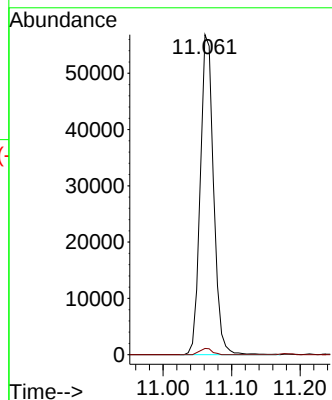
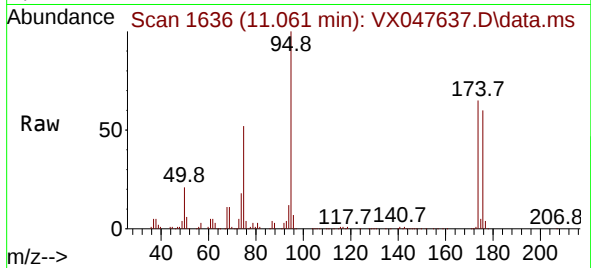




#76
1,2,3-Trichloropropane
Concen: 25.239 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047637.D
Acq: 18 Sep 2025 13:58

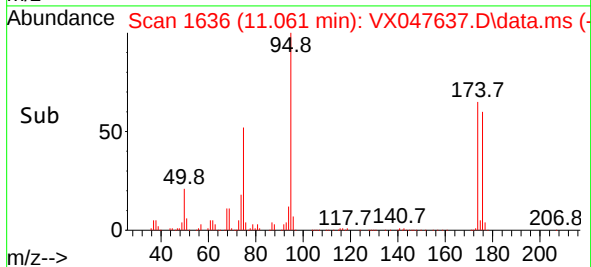
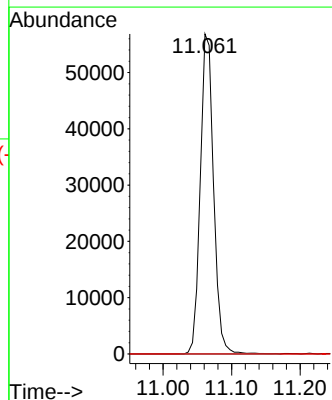
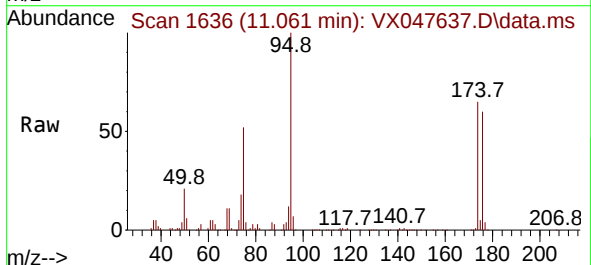
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20250909DL

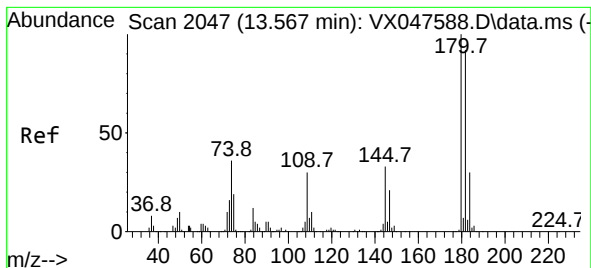
Tgt Ion: 75 Resp: 76937
Ion Ratio Lower Upper
75 100
77 1.9 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.363 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047637.D
Acq: 18 Sep 2025 13:58

Tgt Ion: 75 Resp: 76937
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.232 ug/l

RT: 13.573 min Scan# 2048

Delta R.T. 0.006 min

Lab File: VX047637.D

Acq: 18 Sep 2025 13:58

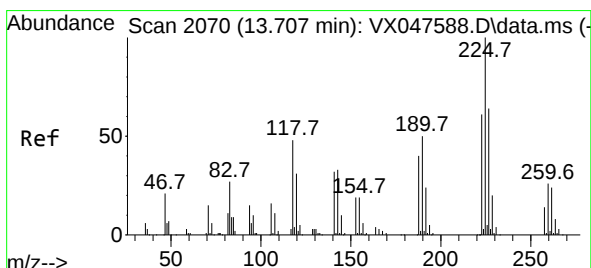
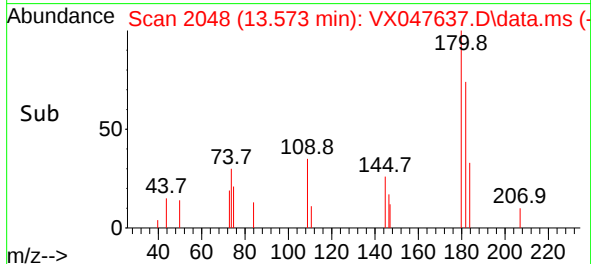
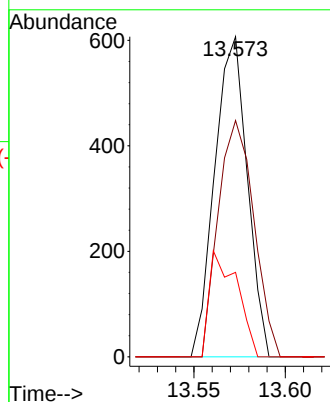
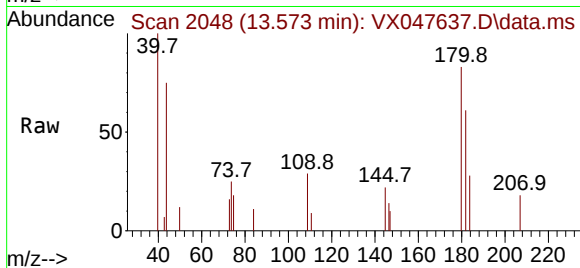
Instrument :

MSVOA_X

ClientSampleId :

RE126D2-20250909DL

Tgt Ion:180	Resp:	752
Ion Ratio	Lower	Upper
180	100	
182	80.9	46.6 139.8
145	28.3	16.4 49.1



#94

Hexachlorobutadiene

Concen: 0.695 ug/l

RT: 13.701 min Scan# 2069

Delta R.T. -0.006 min

Lab File: VX047637.D

Acq: 18 Sep 2025 13:58

Tgt Ion:225	Resp:	765
Ion Ratio	Lower	Upper
225	100	
223	55.0	31.7 95.1
227	63.1	32.0 96.0

