

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047662.D
 Acq On : 19 Sep 2025 10:11
 Operator : JC/MD
 Sample : VX0919WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBL01

Quant Time: Sep 20 00:26:41 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)

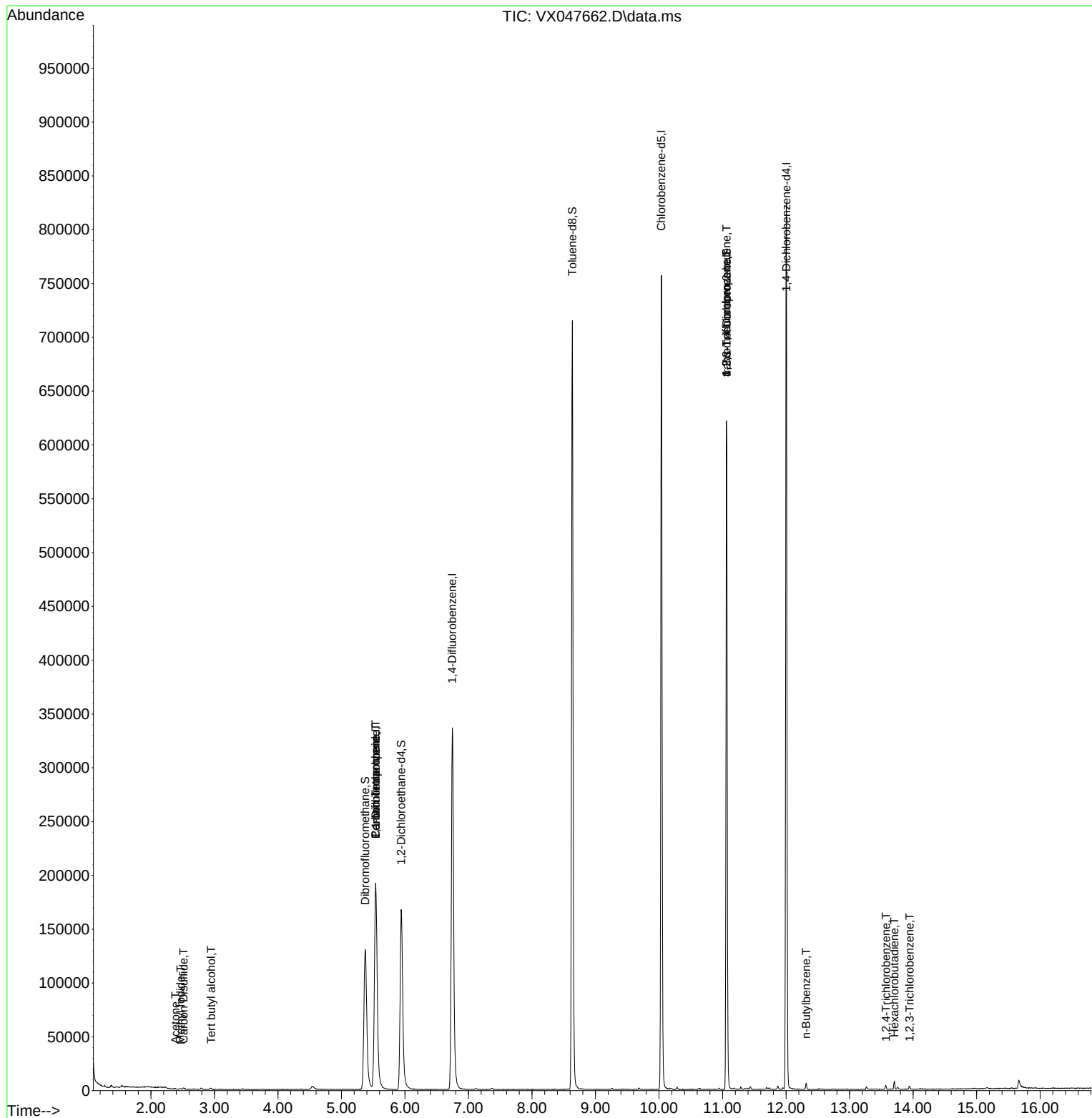
Internal Standards						
1) Pentafluorobenzene	5.537	168	194256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	363806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	339161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	175228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	178788	57.822	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.640%			
35) Dibromofluoromethane	5.373	113	128166	52.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.060%			
50) Toluene-d8	8.634	98	441682	52.317	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.640%			
62) 4-Bromofluorobenzene	11.061	95	180450	56.319	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.640%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	810	0.231	ug/l #	80
11) Tert butyl alcohol	2.946	59	193	0.560	ug/l #	72
16) Acetone	2.386	43	671	0.499	ug/l	91
17) Carbon Disulfide	2.514	76	1604	0.254	ug/l	100
36) 1,1-Dichloropropene	5.537	75	16623	4.663	ug/l #	51
38) Carbon Tetrachloride	5.537	117	20707	5.346	ug/l #	19
76) 1,2,3-Trichloropropane	11.061	75	91991	25.929	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	91991	66.122	ug/l #	8
89) n-Butylbenzene	12.317	91	2123	0.204	ug/l	94
93) 1,2,4-Trichlorobenzene	13.573	180	1052	0.279	ug/l	99
94) Hexachlorobutadiene	13.707	225	920	0.718	ug/l	90
96) 1,2,3-Trichlorobenzene	13.945	180	923	0.263	ug/l	95

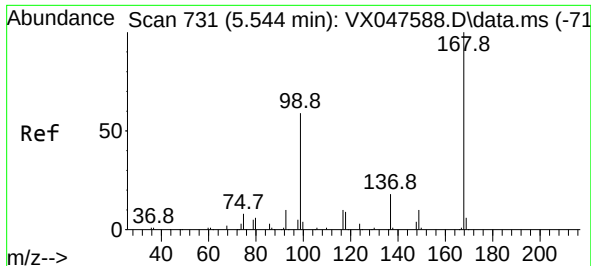
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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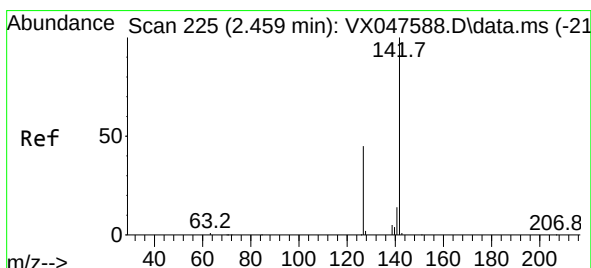
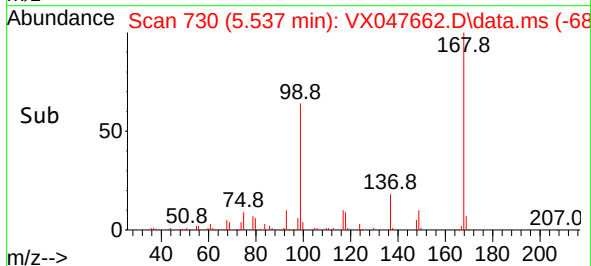
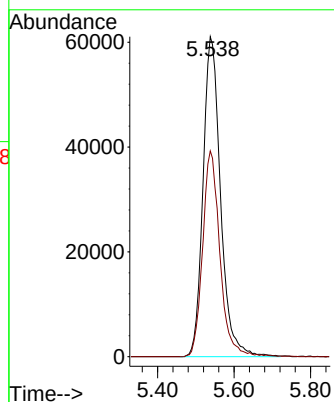
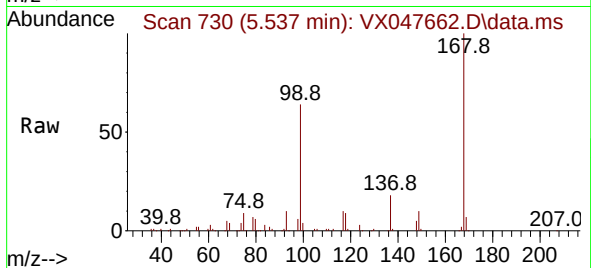




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

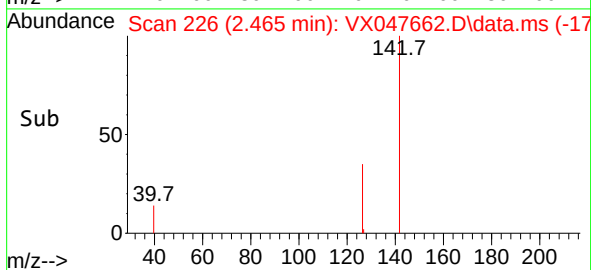
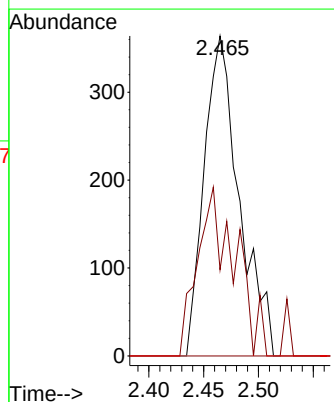
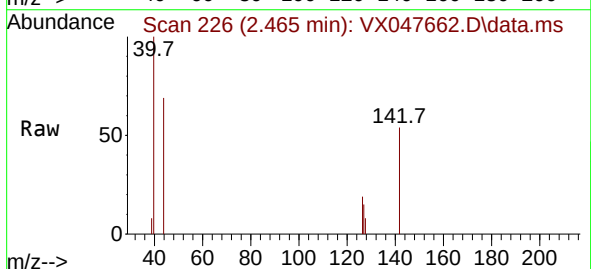
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBL01

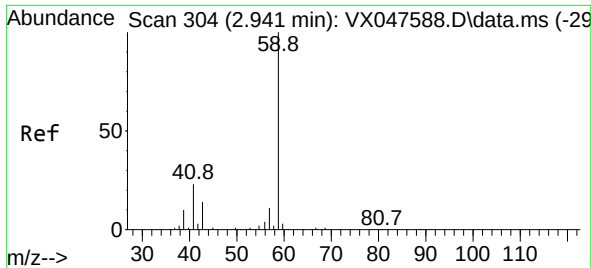
Tgt Ion:168 Resp: 194256
Ion Ratio Lower Upper
168 100
99 64.3 48.8 73.2



#10
Methyl Iodide
Concen: 0.231 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

Tgt Ion:142 Resp: 810
Ion Ratio Lower Upper
142 100
127 56.7 37.2 55.8#
141 0.0 11.4 17.0#

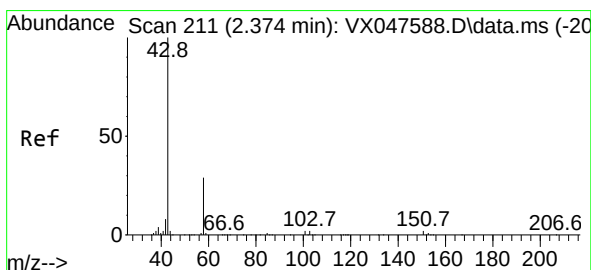
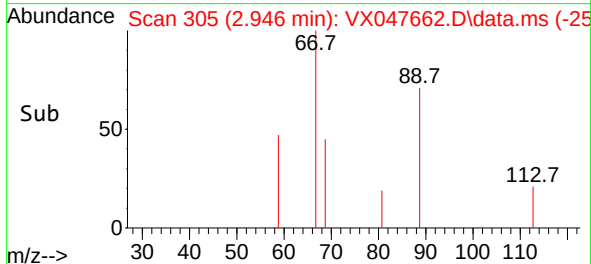
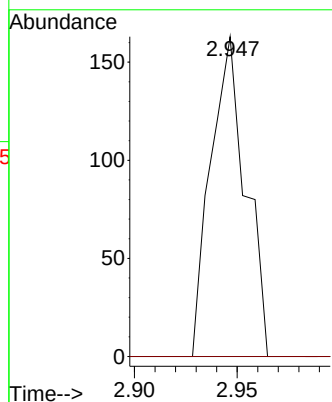
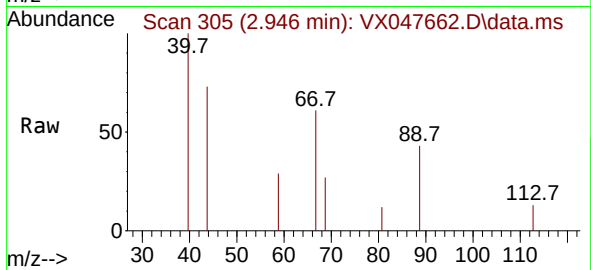




#11
Tert butyl alcohol
Concen: 0.560 ug/l
RT: 2.946 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

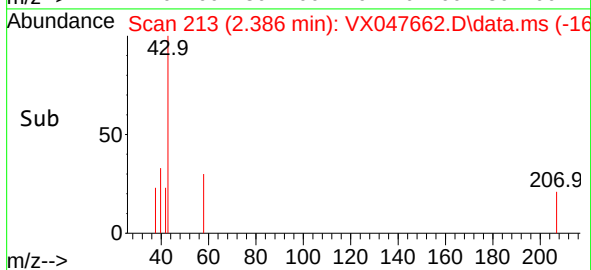
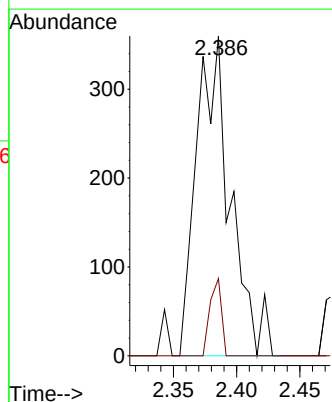
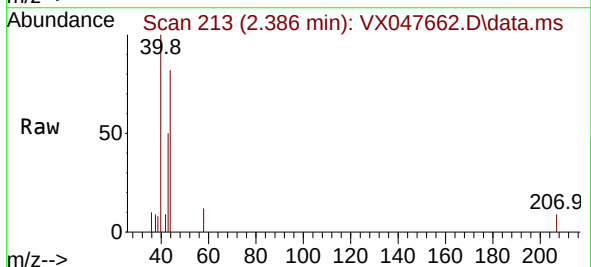
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBL01

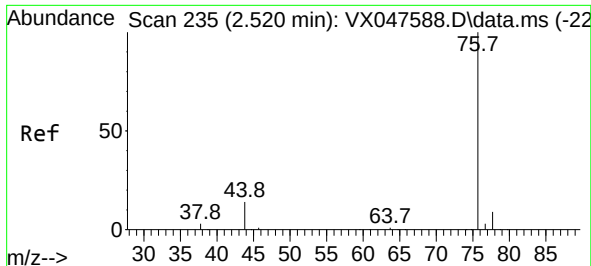
Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.499 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
58 24.2 23.4 35.0

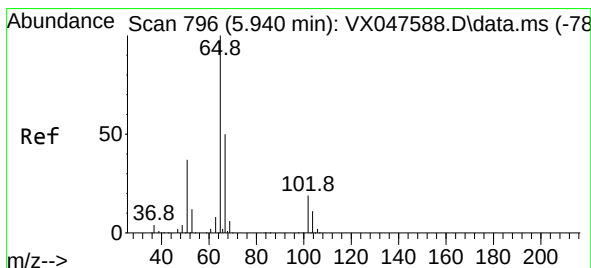
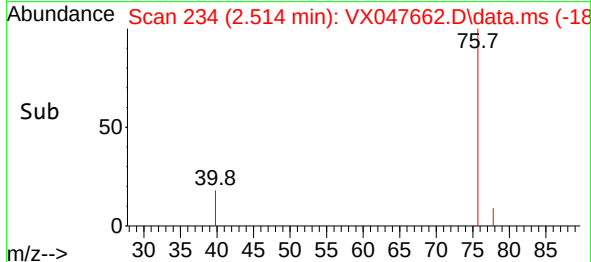
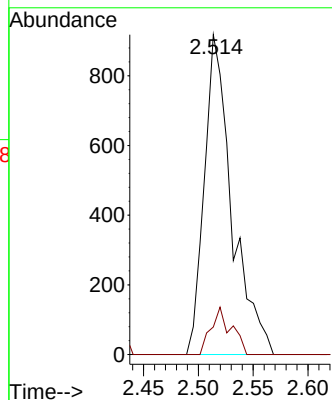
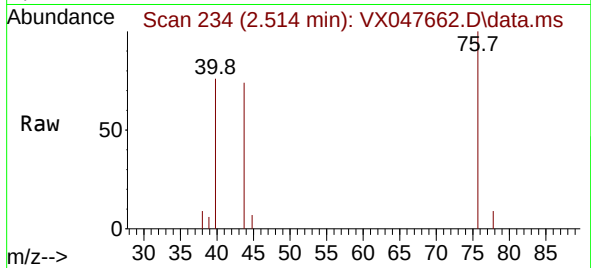




#17
Carbon Disulfide
Concen: 0.254 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

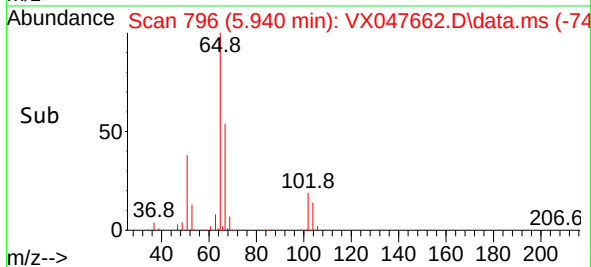
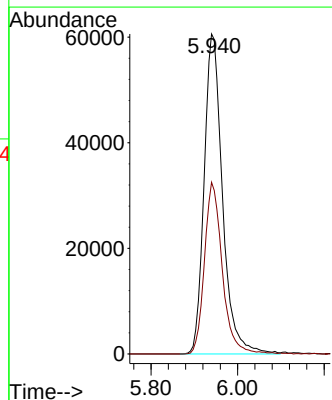
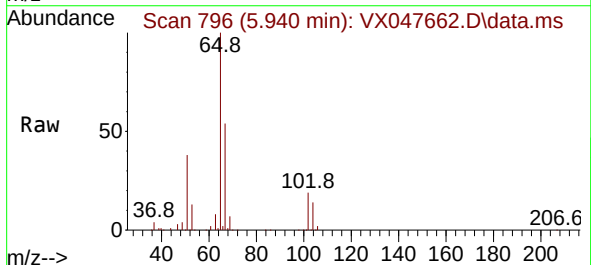
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBL01

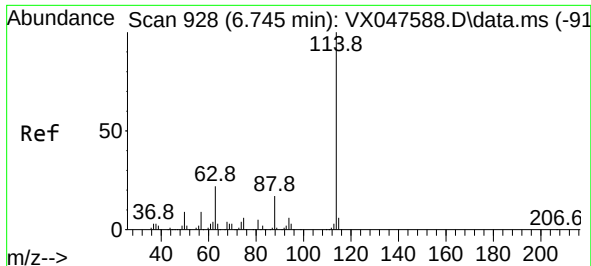
Tgt Ion: 76 Resp: 1604
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#33
1,2-Dichloroethane-d4
Concen: 57.822 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

Tgt Ion: 65 Resp: 178788
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

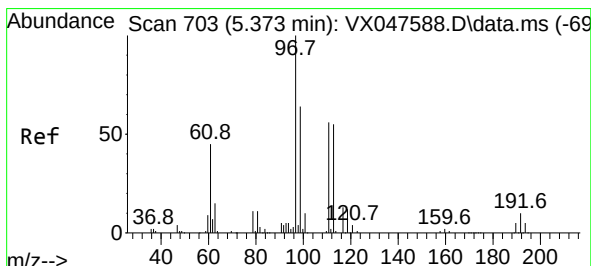
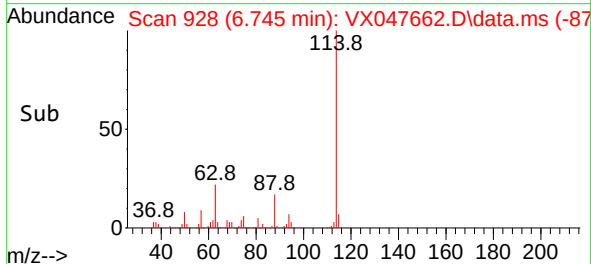
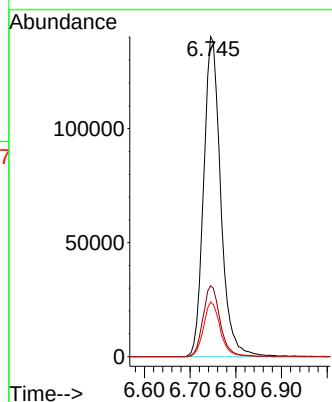
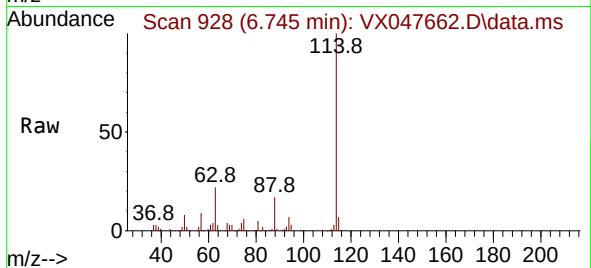




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

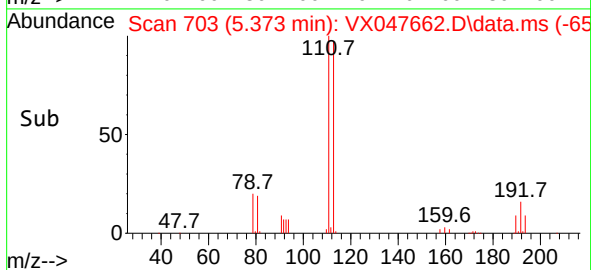
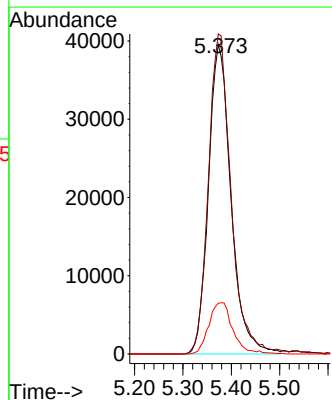
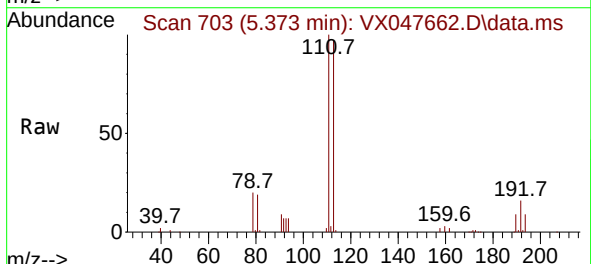
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBL01

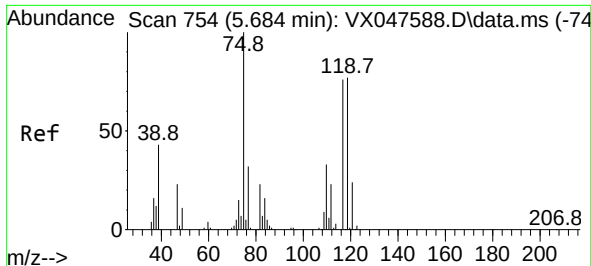
Tgt Ion:114 Resp: 363806
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 17.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 52.530 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

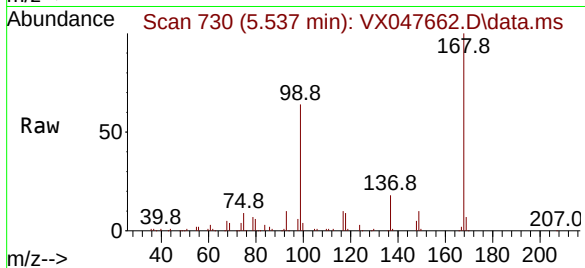
Tgt Ion:113 Resp: 128166
Ion Ratio Lower Upper
113 100
111 103.8 80.9 121.3
192 17.7 14.2 21.4



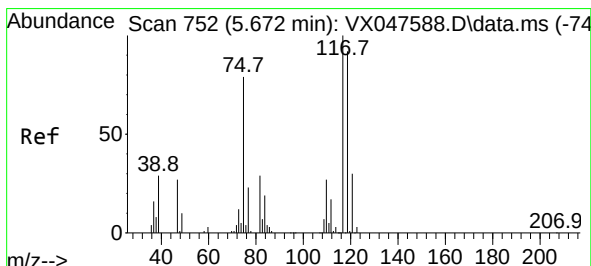
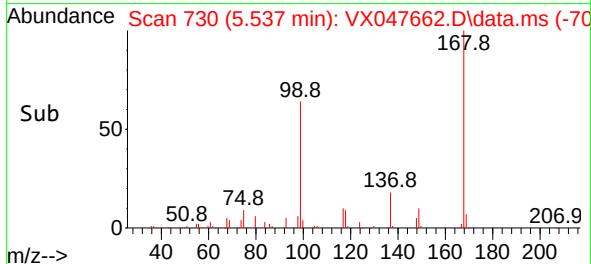
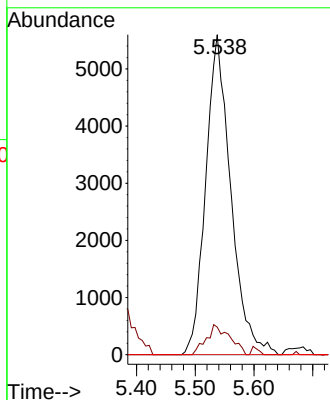


#36
1,1-Dichloropropene
Concen: 4.663 ug/l
RT: 5.537 min Scan# 710
Delta R.T. -0.147 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBL01

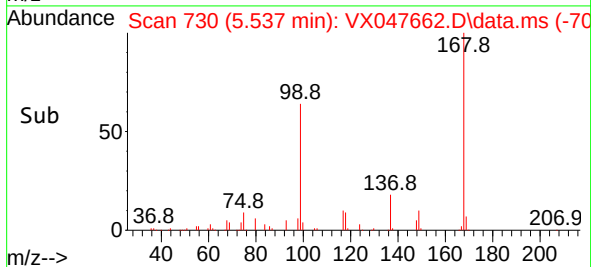
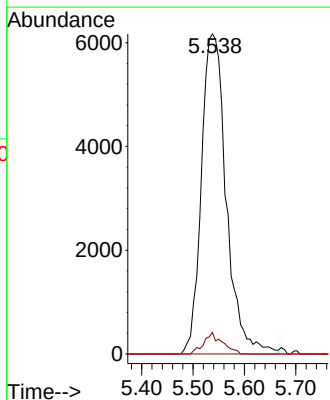
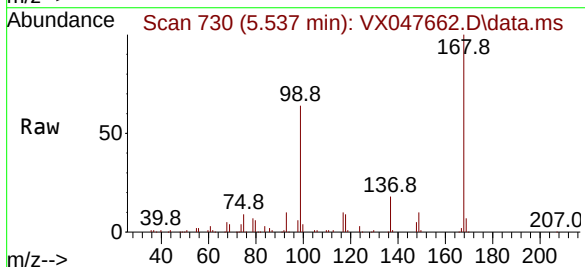


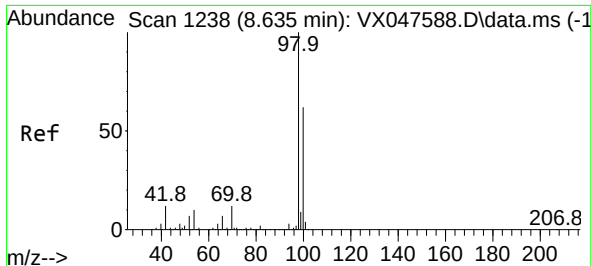
Tgt Ion: 75 Resp: 16623
Ion Ratio Lower Upper
75 100
110 8.7 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.346 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

Tgt Ion: 117 Resp: 20707
Ion Ratio Lower Upper
117 100
119 6.8 73.4 110.2#
121 0.0 23.8 35.6#

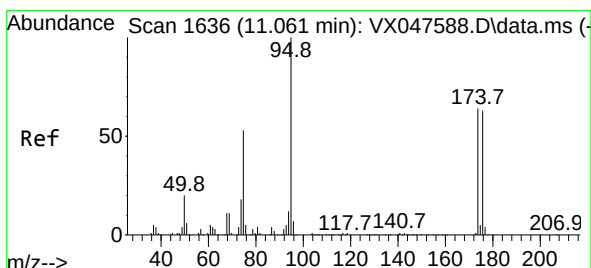
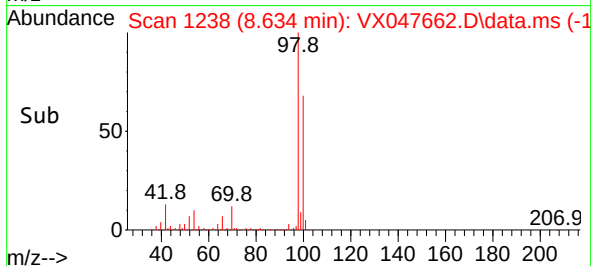
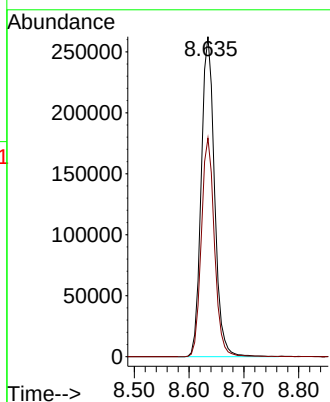
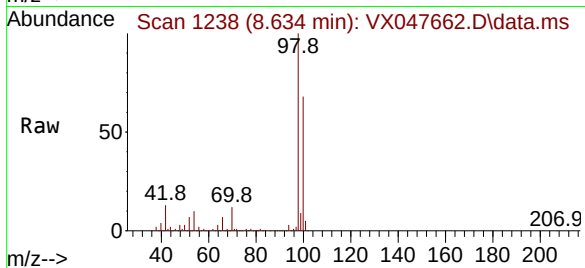




#50
Toluene-d8
Concen: 52.317 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

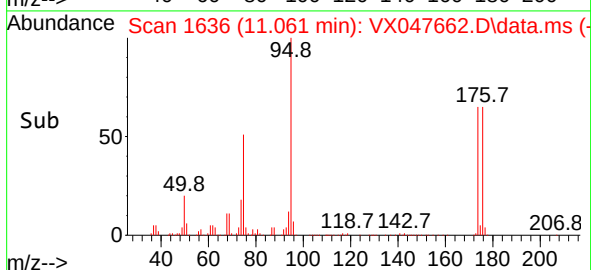
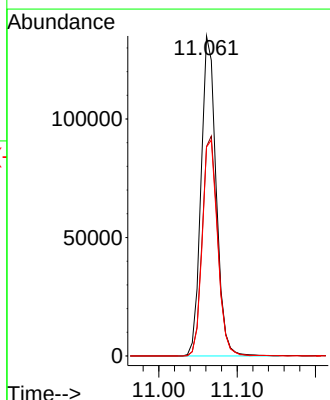
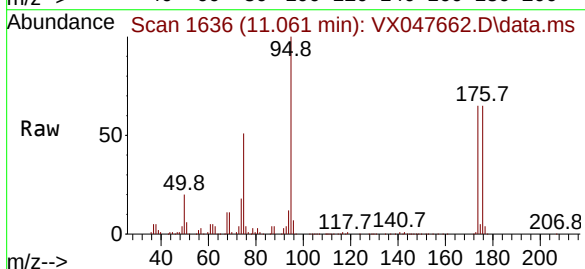
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ClientSampleId :
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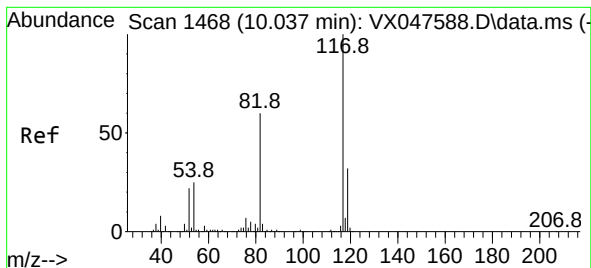
Tgt Ion: 98 Resp: 441682
Ion Ratio Lower Upper
98 100
100 67.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.319 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

Tgt Ion: 95 Resp: 180450
Ion Ratio Lower Upper
95 100
174 70.5 0.0 141.6
176 68.5 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: VX047662.D

Acq: 19 Sep 2025 10:11

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBL01

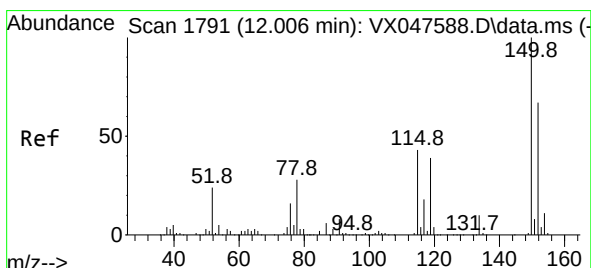
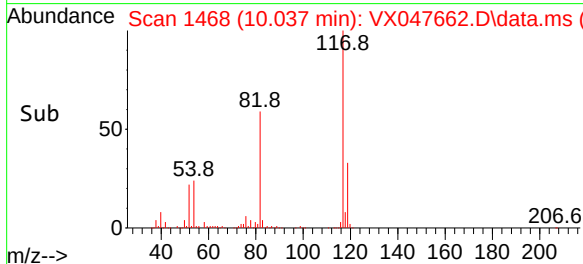
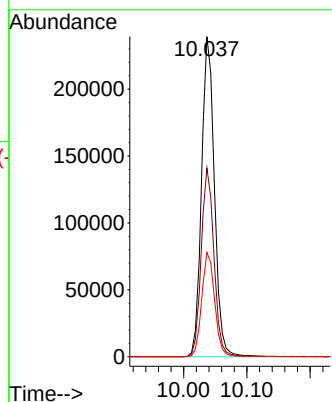
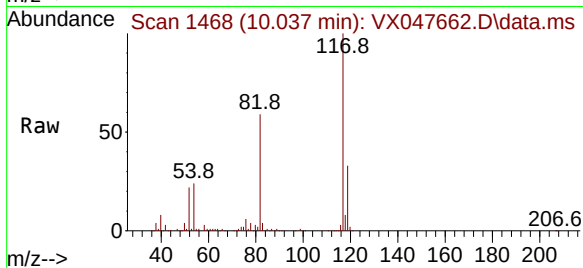
Tgt Ion:117 Resp: 339161

Ion Ratio Lower Upper

117 100

82 59.0 47.8 71.6

119 32.6 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: VX047662.D

Acq: 19 Sep 2025 10:11

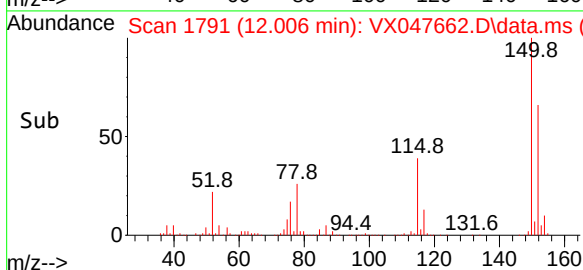
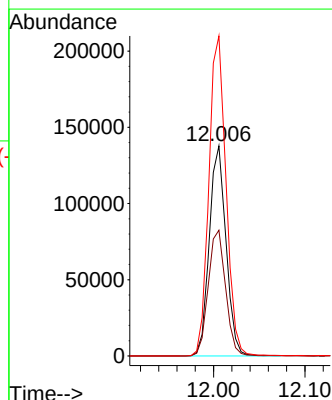
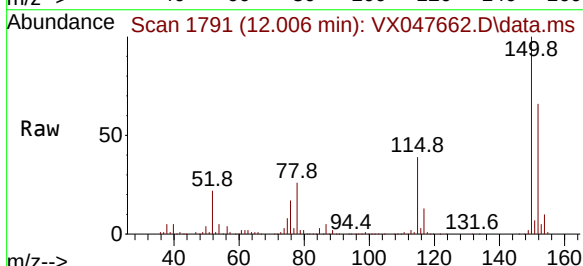
Tgt Ion:152 Resp: 175228

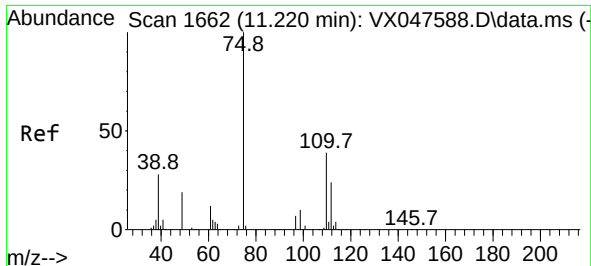
Ion Ratio Lower Upper

152 100

115 61.9 44.9 134.5

150 155.9 0.0 352.0

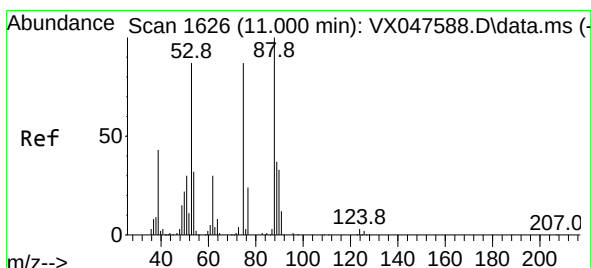
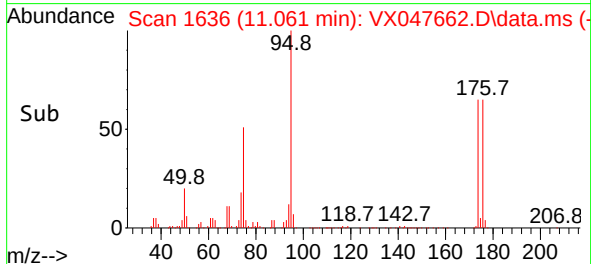
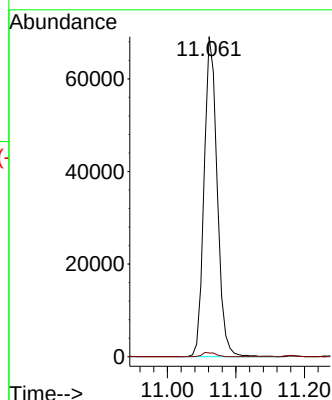
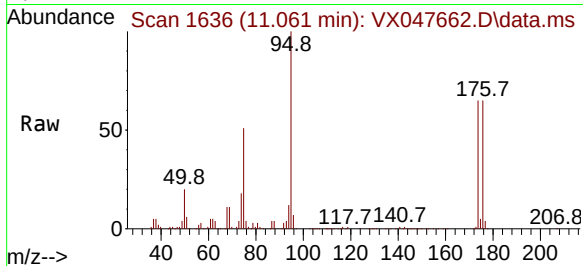




#76
1,2,3-Trichloropropane
Concen: 25.929 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

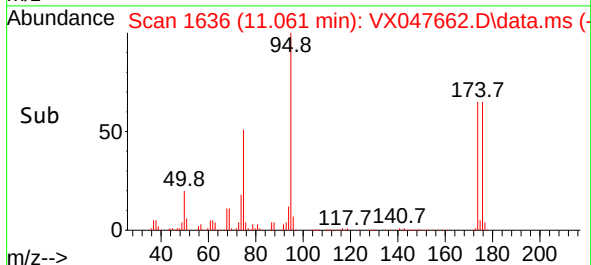
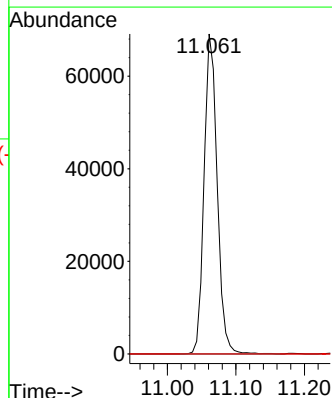
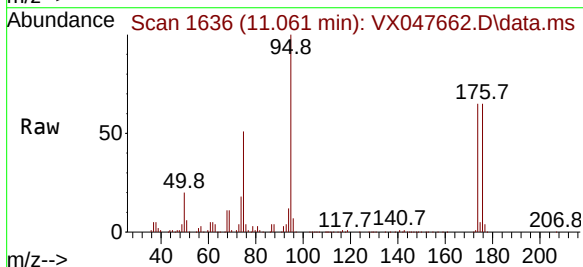
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBL01

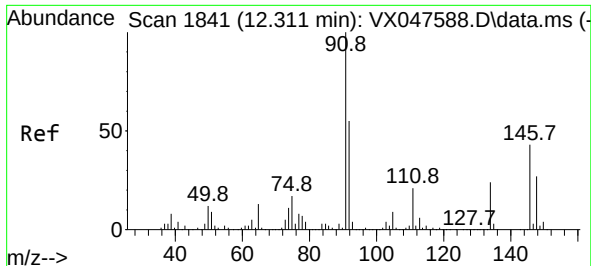
Tgt Ion: 75 Resp: 91991
Ion Ratio Lower Upper
75 100
77 1.3 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.122 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

Tgt Ion: 75 Resp: 91991
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

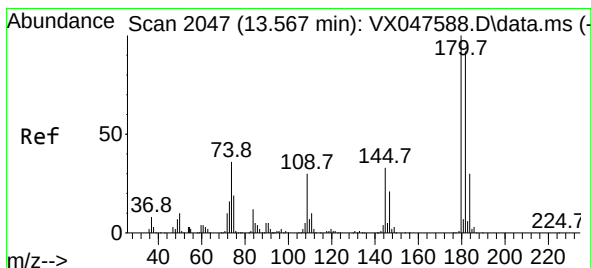
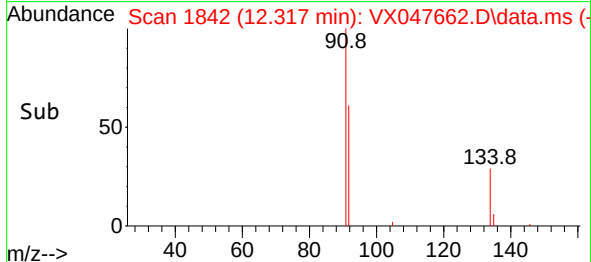
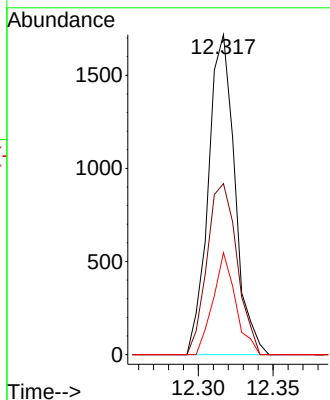
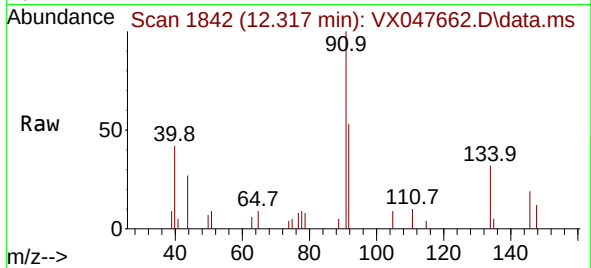




#89
n-Butylbenzene
Concen: 0.204 ug/l
RT: 12.317 min Scan# 1841
Delta R.T. 0.006 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

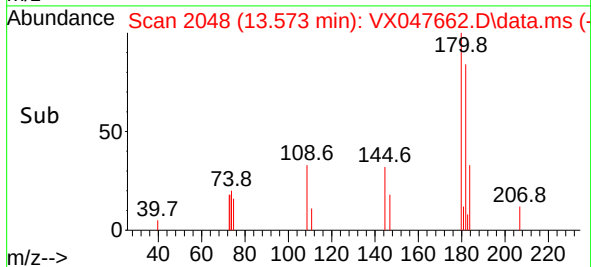
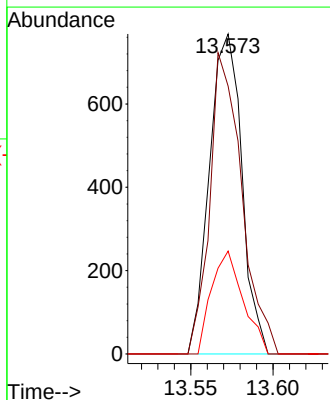
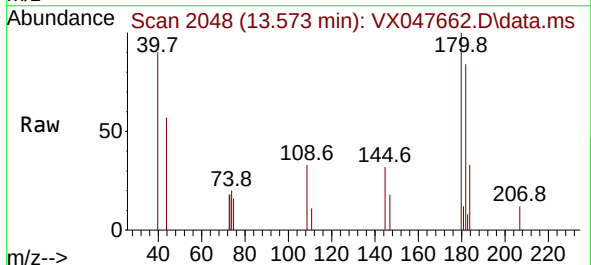
Instrument :
MSVOA_X
ClientSampleId :
VX0919WBL01

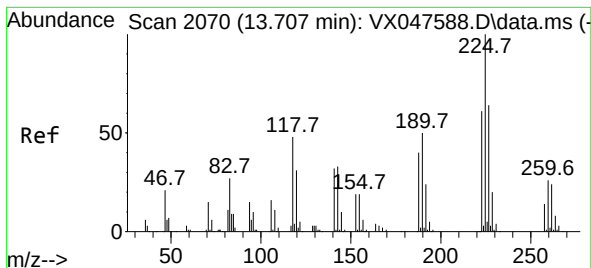
Tgt Ion: 91 Resp: 2123
Ion Ratio Lower Upper
91 100
92 60.4 27.6 82.7
134 27.1 12.6 37.8



#93
1,2,4-Trichlorobenzene
Concen: 0.279 ug/l
RT: 13.573 min Scan# 2048
Delta R.T. 0.006 min
Lab File: VX047662.D
Acq: 19 Sep 2025 10:11

Tgt Ion: 180 Resp: 1052
Ion Ratio Lower Upper
180 100
182 92.9 46.6 139.8
145 31.5 16.4 49.1





#94

Hexachlorobutadiene

Concen: 0.718 ug/l

RT: 13.707 min Scan# 2109

Delta R.T. -0.000 min

Lab File: VX047662.D

Acq: 19 Sep 2025 10:11

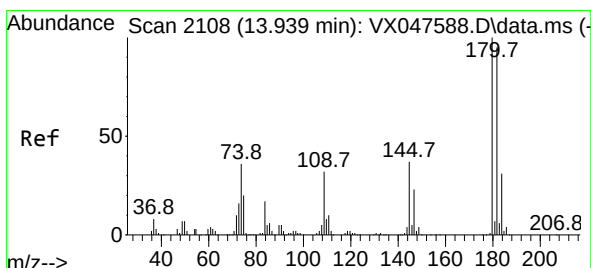
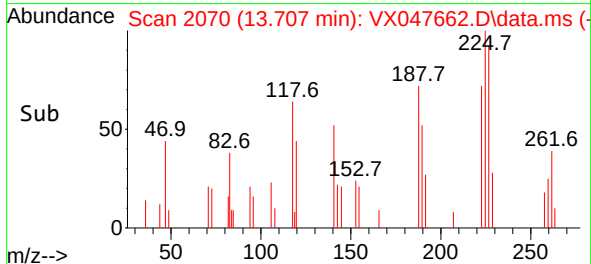
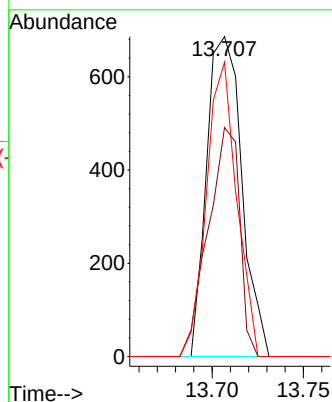
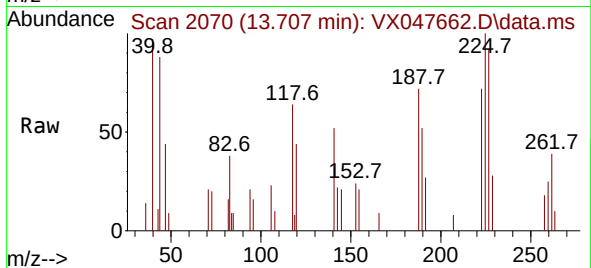
Instrument :

MSVOA_X

ClientSampleId :

VX0919WBL01

Tgt Ion:225	Resp:	920
Ion Ratio	Lower	Upper
225	100	
223	63.8	31.7 95.1
227	79.1	32.0 96.0



#96

1,2,3-Trichlorobenzene

Concen: 0.263 ug/l

RT: 13.945 min Scan# 2109

Delta R.T. 0.006 min

Lab File: VX047662.D

Acq: 19 Sep 2025 10:11

Tgt Ion:180	Resp:	923
Ion Ratio	Lower	Upper
180	100	
182	94.0	47.6 142.8
145	28.0	17.9 53.7

