

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047603.D
 Acq On : 17 Sep 2025 09:41
 Operator : JC/MD
 Sample : VX0917WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBL01

Quant Time: Sep 22 02:59:38 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)

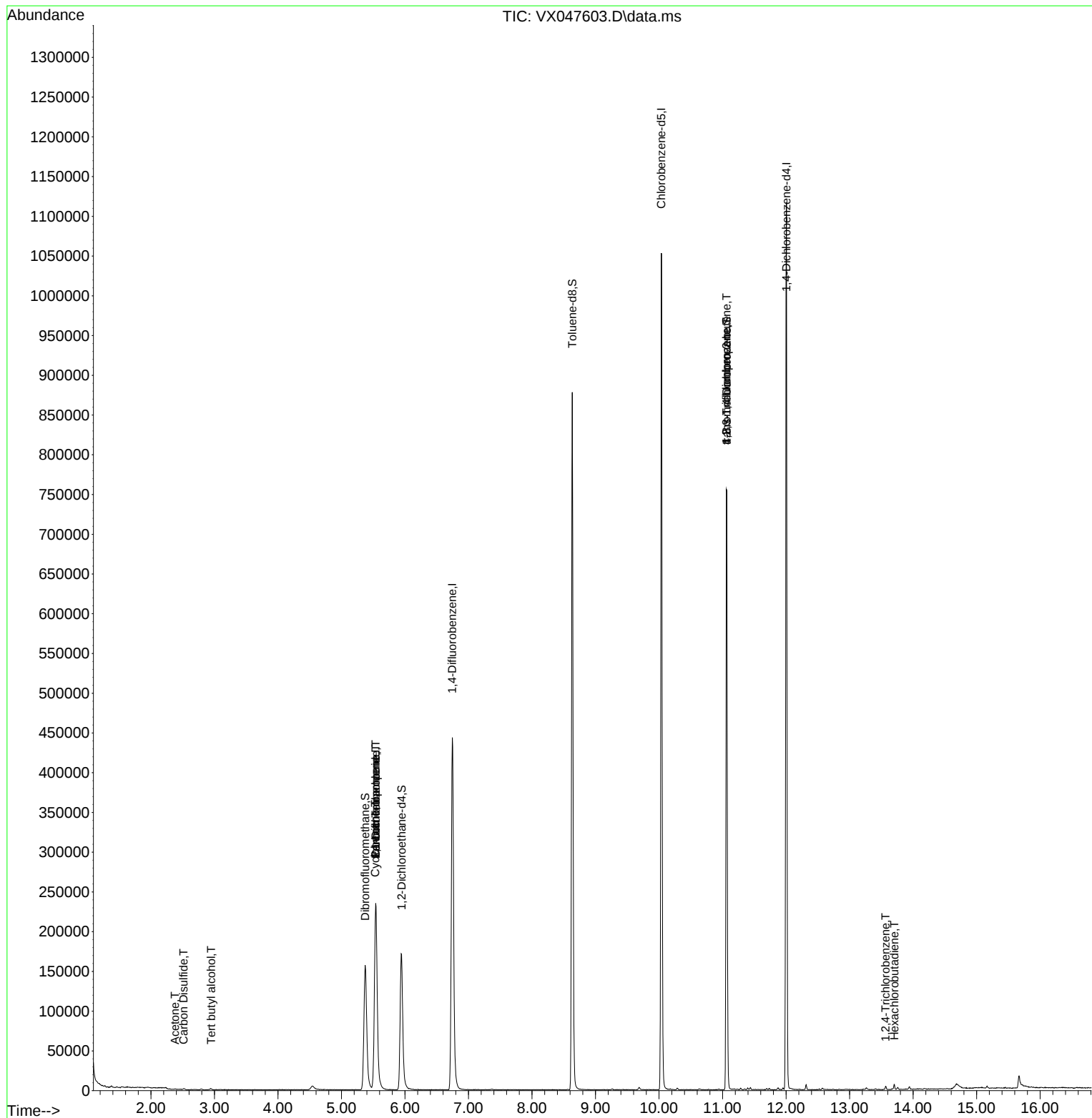
Internal Standards						
1) Pentafluorobenzene	5.538	168	235094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	478397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	460978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	224854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	187947	50.225	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.440%	
35) Dibromofluoromethane	5.373	113	150745	46.985	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.960%	
50) Toluene-d8	8.635	98	526623	47.436	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.880%	
62) 4-Bromofluorobenzene	11.061	95	222687	52.854	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	289	0.693	ug/l #	72
16) Acetone	2.380	43	1098	0.675	ug/l	90
17) Carbon Disulfide	2.514	76	1593	0.208	ug/l #	83
31) Cyclohexane	5.531	56	5863	1.186	ug/l #	12
36) 1,1-Dichloropropene	5.538	75	20661	4.407	ug/l #	50
38) Carbon Tetrachloride	5.538	117	25036	4.915	ug/l #	18
76) 1,2,3-Trichloropropane	11.061	75	116027	25.486	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	116027	64.993	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.567	180	1101	0.227	ug/l	97
94) Hexachlorobutadiene	13.707	225	824	0.501	ug/l	98

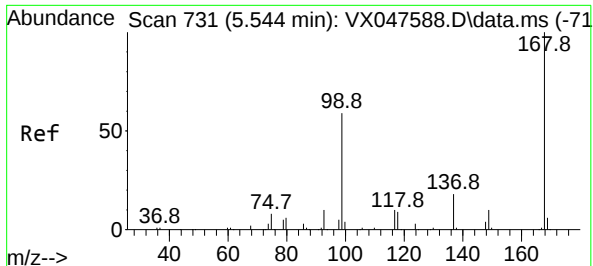
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
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Quant Time: Sep 22 02:59:38 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

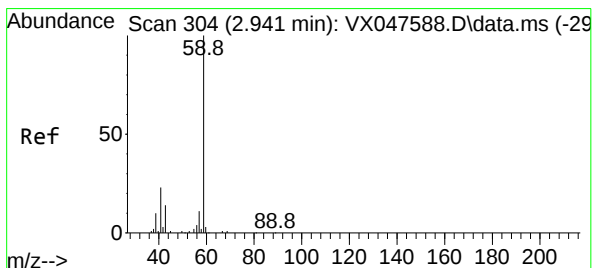
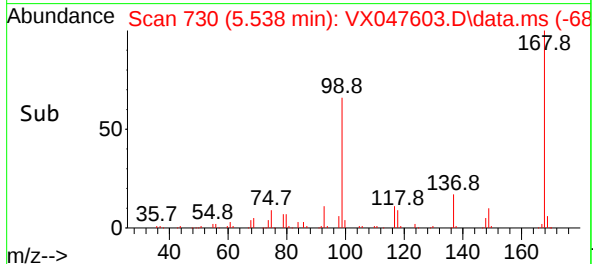
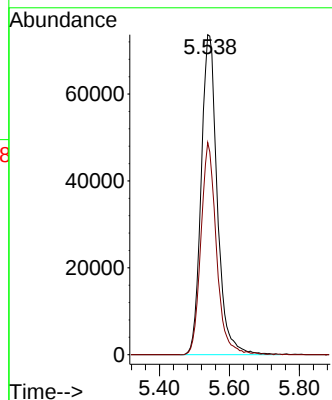
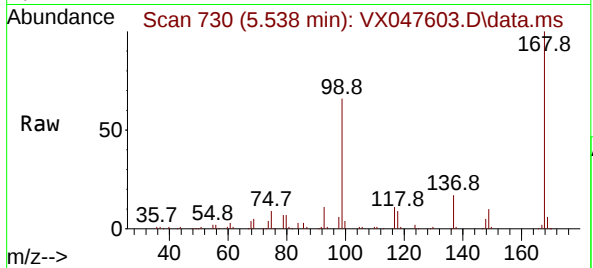




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047603.D
Acq: 17 Sep 2025 09:41

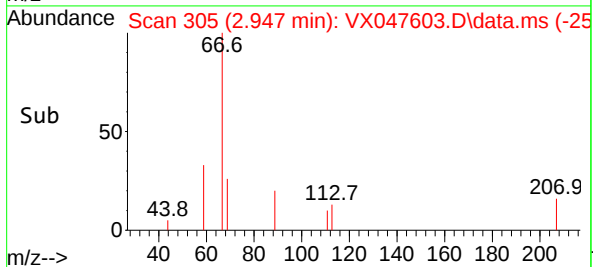
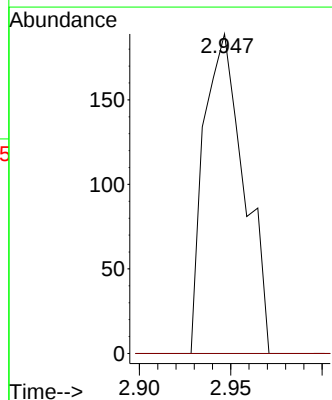
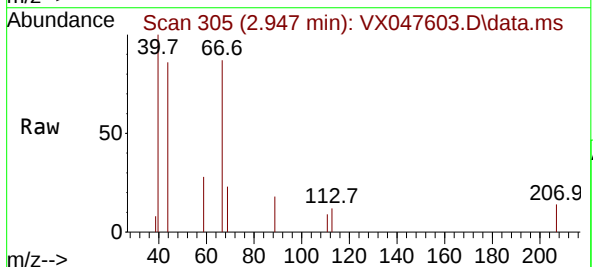
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL01

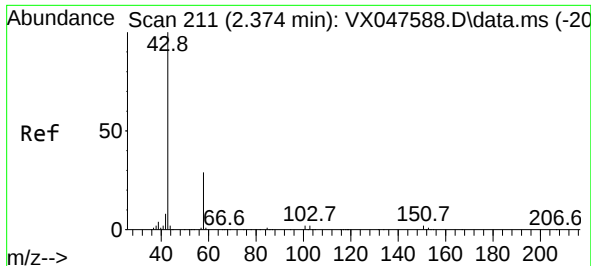
Tgt Ion:168 Resp: 235094
Ion Ratio Lower Upper
168 100
99 66.3 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.693 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047603.D
Acq: 17 Sep 2025 09:41

Tgt Ion: 59 Resp: 289
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

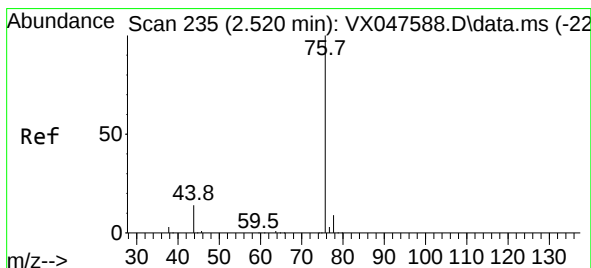
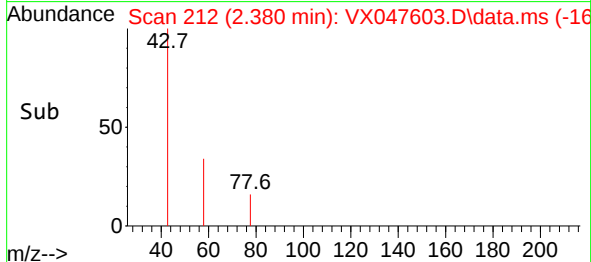
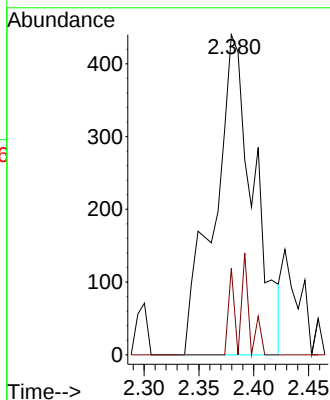
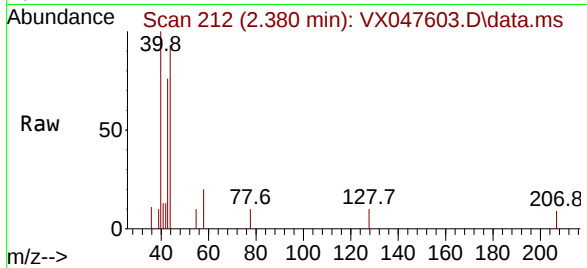




#16
Acetone
Concen: 0.675 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047603.D
Acq: 17 Sep 2025 09:41

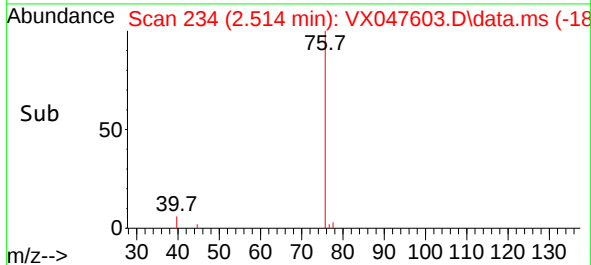
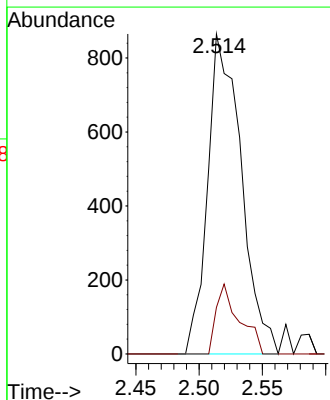
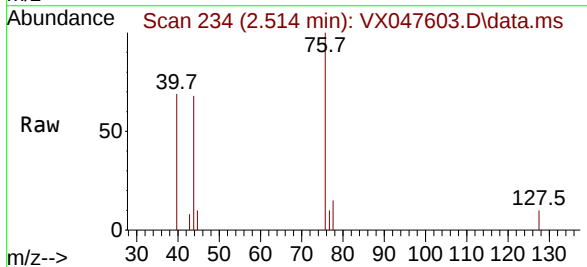
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL01

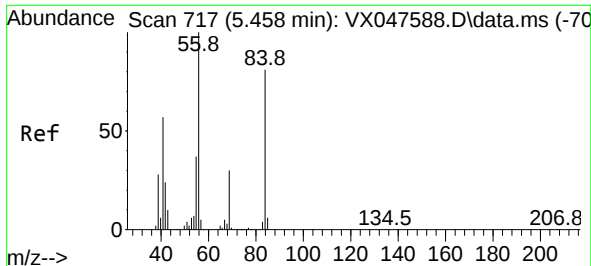
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 34.7 23.4 35.0



#17
Carbon Disulfide
Concen: 0.208 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX047603.D
Acq: 17 Sep 2025 09:41

Tgt Ion: 76 Resp: 1593
Ion Ratio Lower Upper
76 100
78 14.6 6.8 10.2#

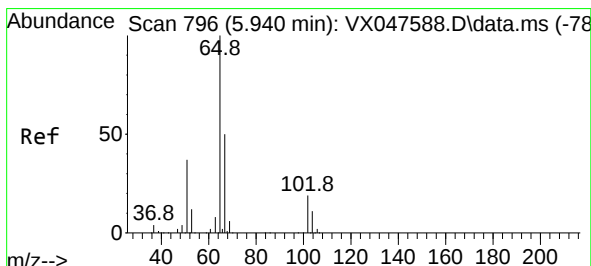
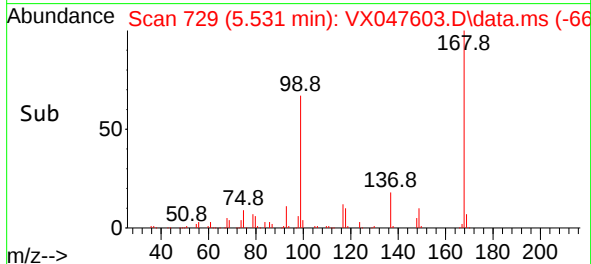
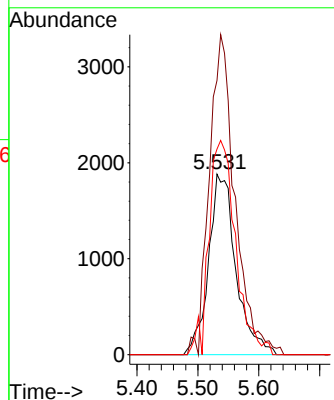
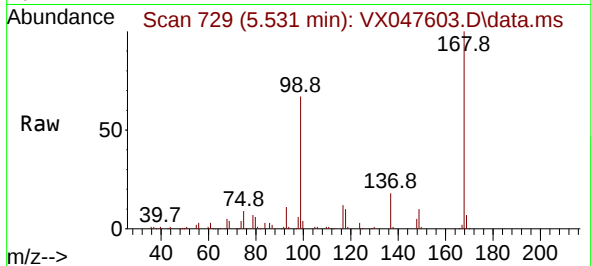




#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.531 min Scan# 717
Delta R.T. 0.073 min
Lab File: VX047603.D
Acq: 17 Sep 2025 09:41

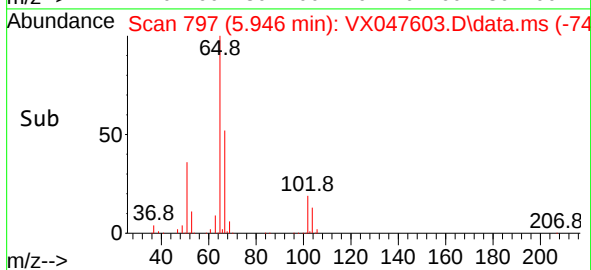
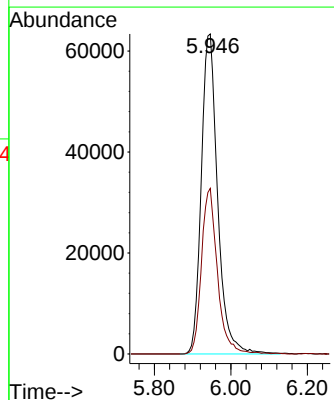
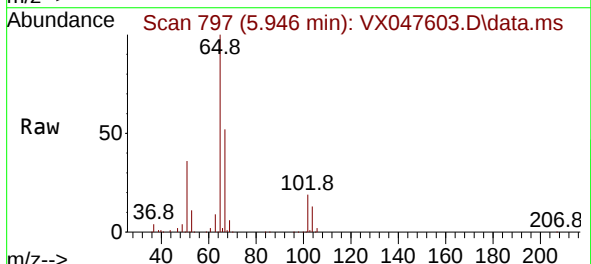
Instrument :
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ClientSampleId :
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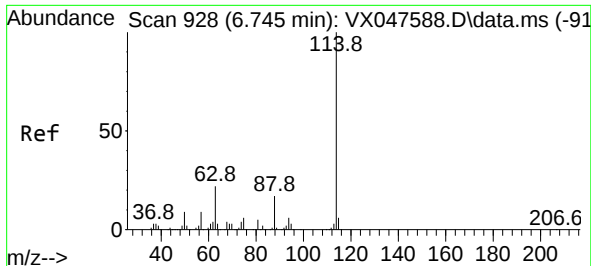
Tgt Ion: 56 Resp: 5863
Ion Ratio Lower Upper
56 100
69 151.9 23.8 35.8#
84 113.9 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 50.225 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047603.D
Acq: 17 Sep 2025 09:41

Tgt Ion: 65 Resp: 187947
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.0

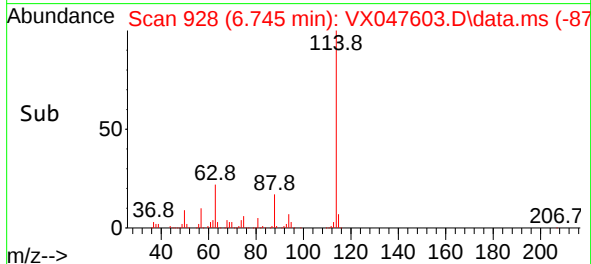
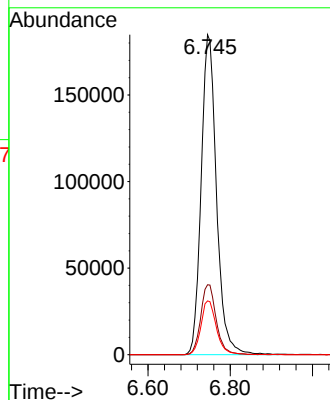
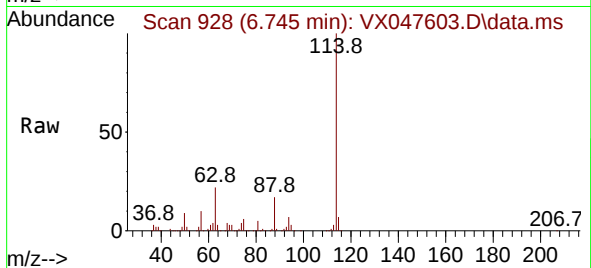




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047603.D
Acq: 17 Sep 2025 09:41

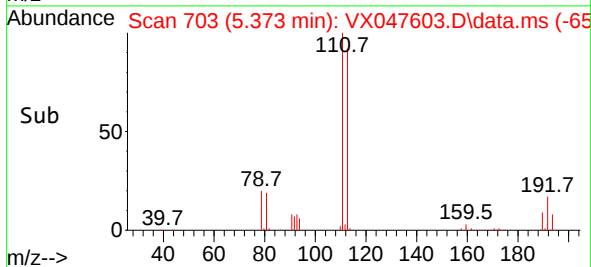
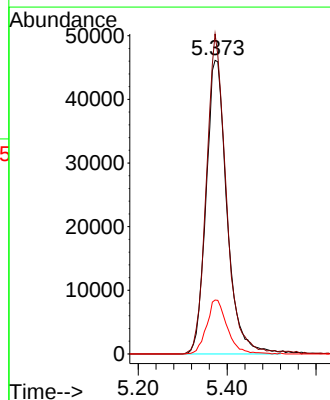
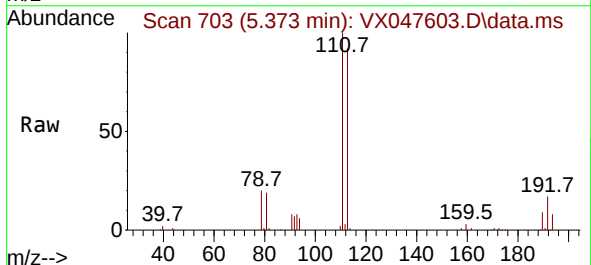
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL01

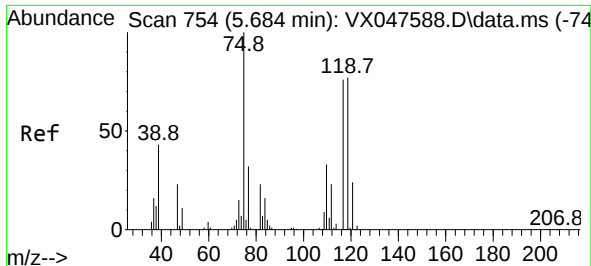
Tgt Ion:114 Resp: 478397
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.0
88 16.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 46.985 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047603.D
Acq: 17 Sep 2025 09:41

Tgt Ion:113 Resp: 150745
Ion Ratio Lower Upper
113 100
111 103.5 80.9 121.3
192 18.2 14.2 21.4

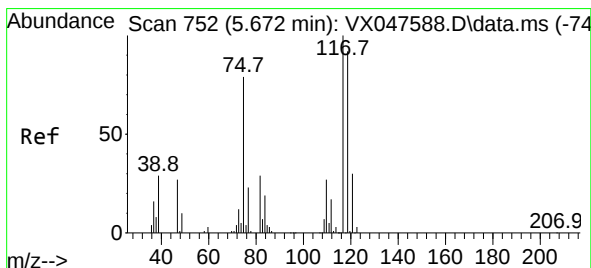
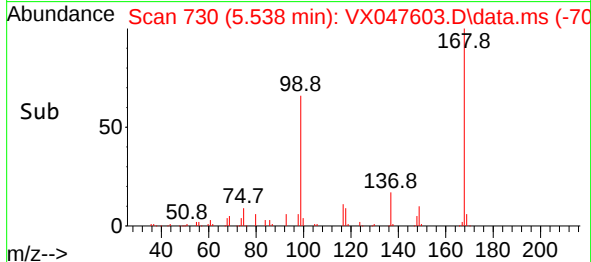
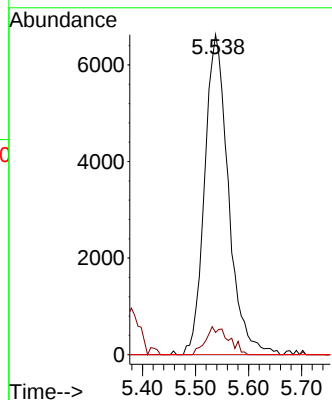
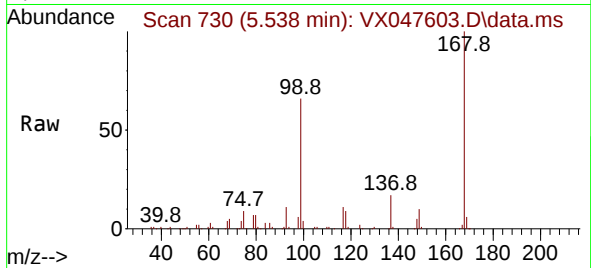




#36
1,1-Dichloropropene
Concen: 4.407 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX047603.D
Acq: 17 Sep 2025 09:41

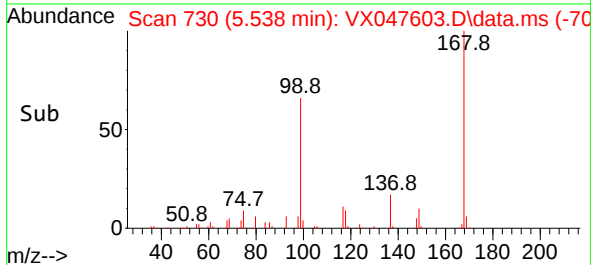
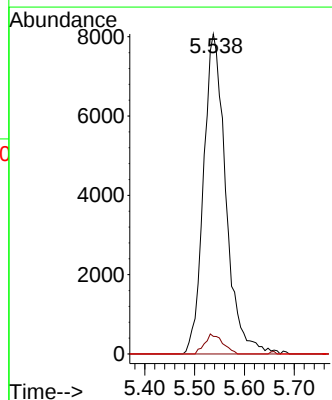
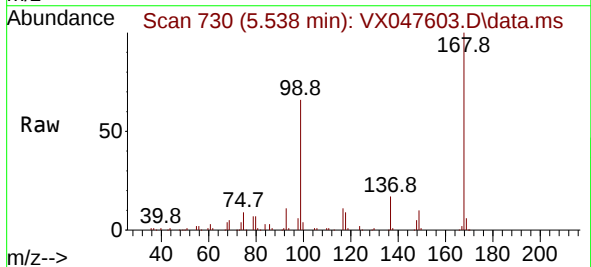
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL01

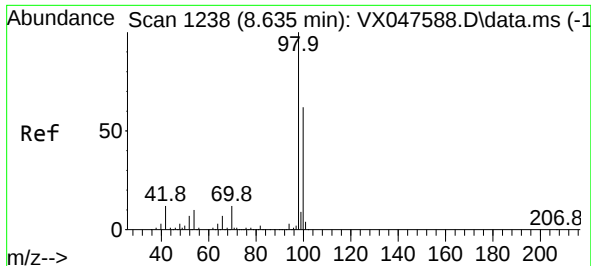
Tgt Ion: 75 Resp: 20661
Ion Ratio Lower Upper
75 100
110 8.5 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.915 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX047603.D
Acq: 17 Sep 2025 09:41

Tgt Ion: 117 Resp: 25036
Ion Ratio Lower Upper
117 100
119 5.5 73.4 110.2#
121 0.0 23.8 35.6#

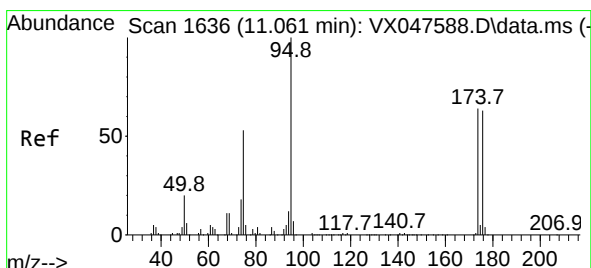
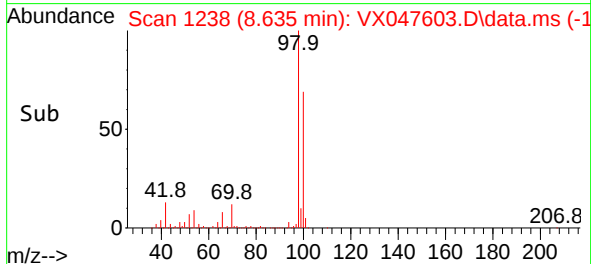
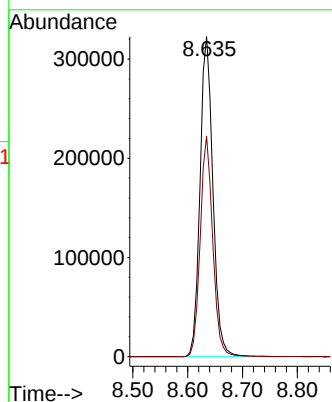
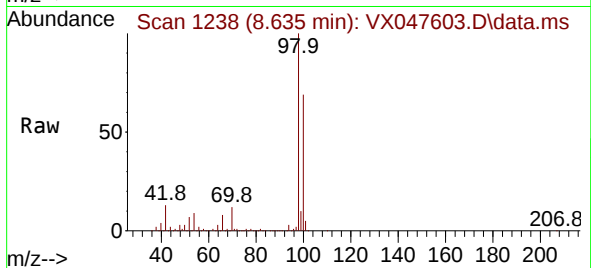




#50
Toluene-d8
Concen: 47.436 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047603.D
Acq: 17 Sep 2025 09:41

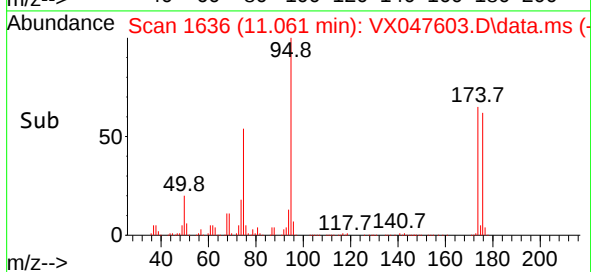
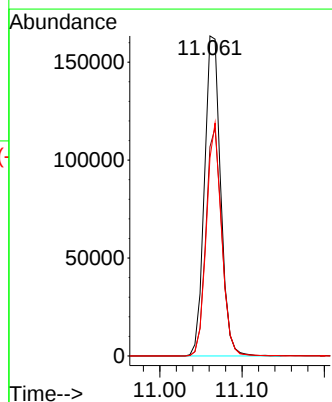
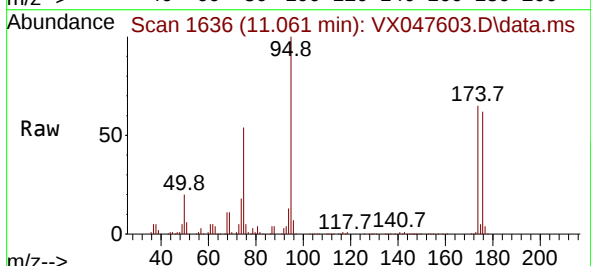
Instrument :
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ClientSampleId :
VX0917WBL01

Tgt Ion: 98 Resp: 526623
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.854 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047603.D
Acq: 17 Sep 2025 09:41

Tgt Ion: 95 Resp: 222687
Ion Ratio Lower Upper
95 100
174 69.8 0.0 141.6
176 68.4 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: VX047603.D

Acq: 17 Sep 2025 09:41

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBL01

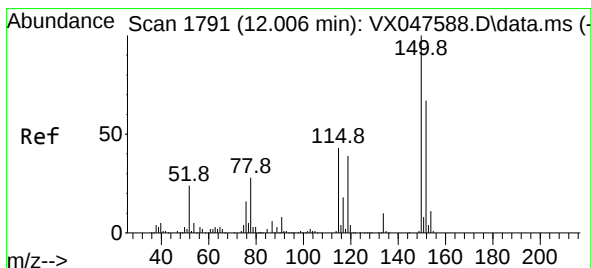
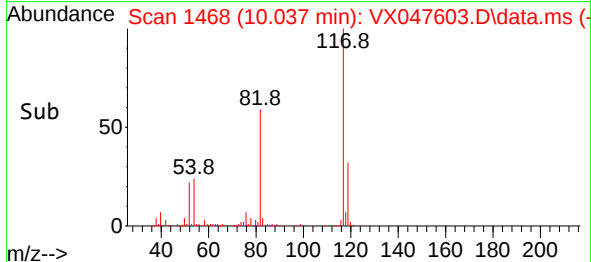
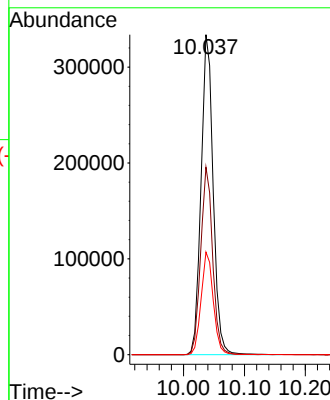
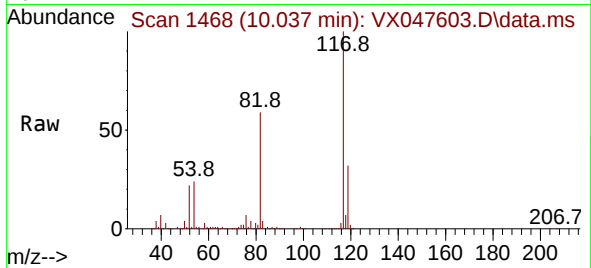
Tgt Ion:117 Resp: 460978

Ion Ratio Lower Upper

117 100

82 58.6 47.8 71.6

119 32.1 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: VX047603.D

Acq: 17 Sep 2025 09:41

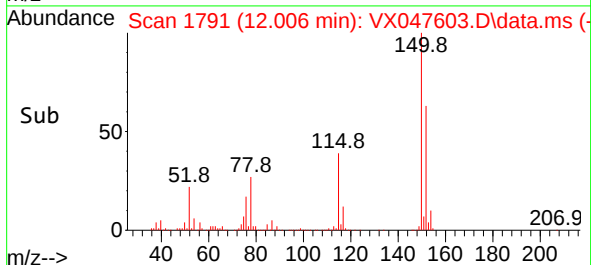
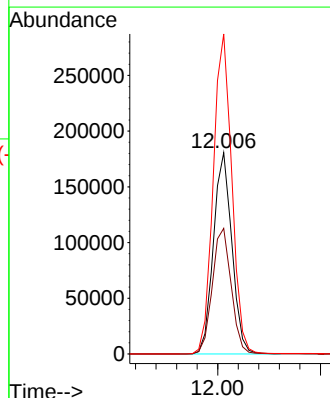
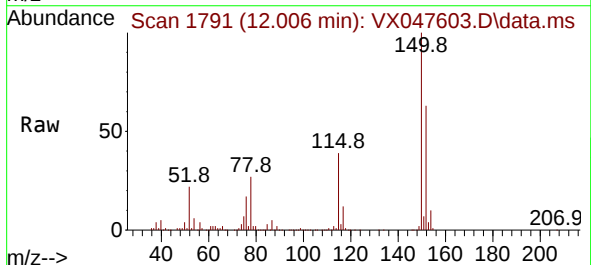
Tgt Ion:152 Resp: 224854

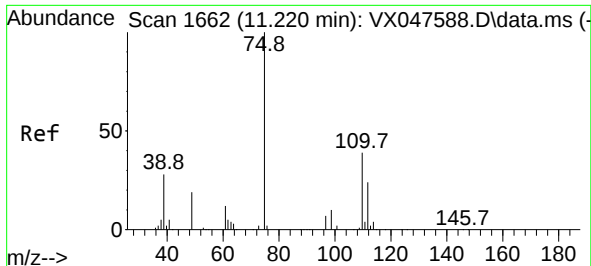
Ion Ratio Lower Upper

152 100

115 63.7 44.9 134.5

150 159.6 0.0 352.0

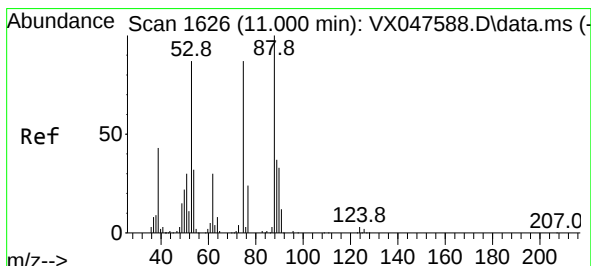
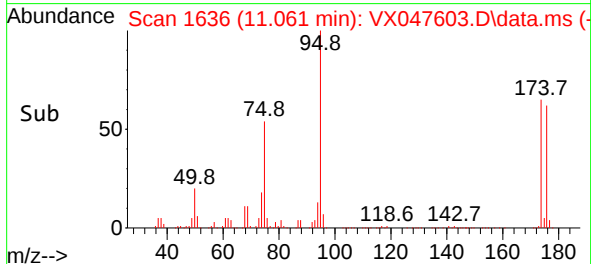
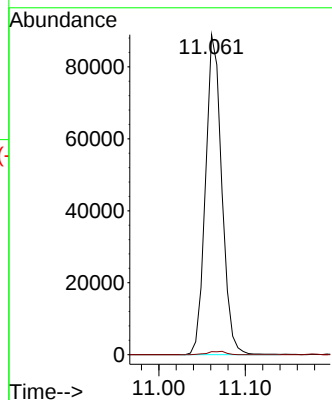
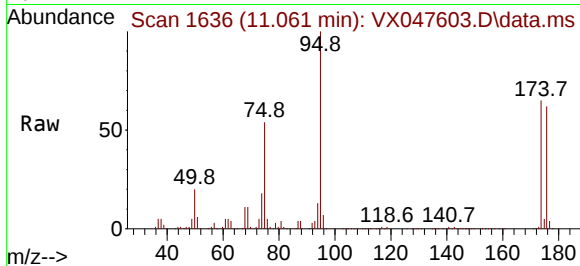




#76
1,2,3-Trichloropropane
Concen: 25.486 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047603.D
Acq: 17 Sep 2025 09:41

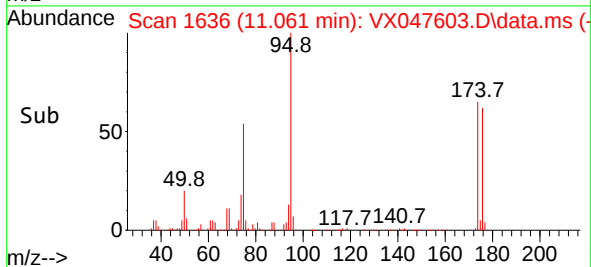
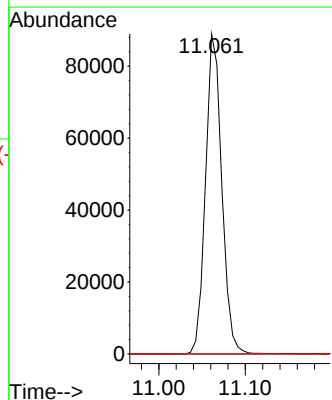
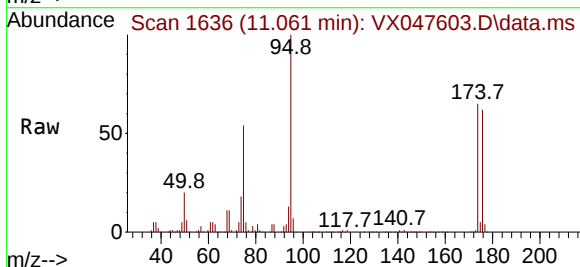
Instrument :
MSVOA_X
ClientSampleId :
VX0917WBL01

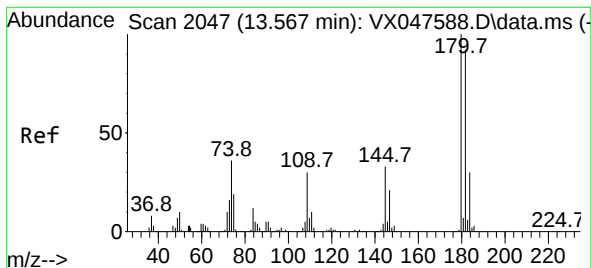
Tgt Ion: 75 Resp: 116027
Ion Ratio Lower Upper
75 100
77 1.1 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.993 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047603.D
Acq: 17 Sep 2025 09:41

Tgt Ion: 75 Resp: 116027
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: 0.227 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047603.D

Acq: 17 Sep 2025 09:41

Instrument :

MSVOA_X

ClientSampleId :

VX0917WBL01

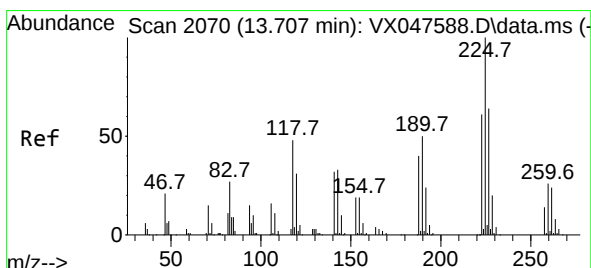
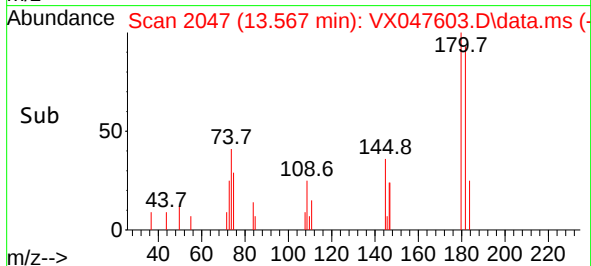
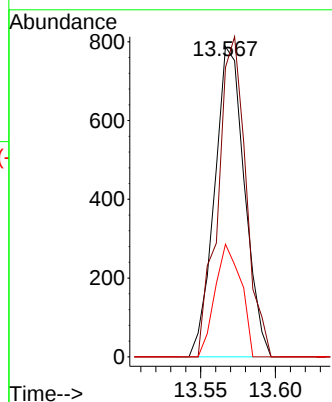
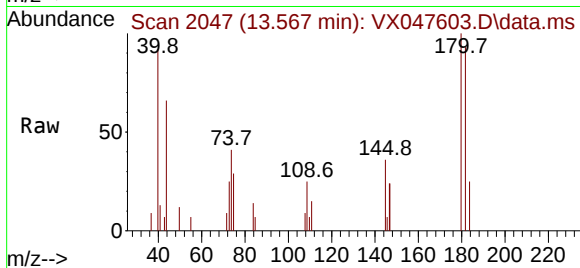
Tgt Ion:180 Resp: 1101

Ion Ratio Lower Upper

180 100

182 95.8 46.6 139.8

145 31.2 16.4 49.1



#94

Hexachlorobutadiene

Concen: 0.501 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047603.D

Acq: 17 Sep 2025 09:41

Tgt Ion:225 Resp: 824

Ion Ratio Lower Upper

225 100

223 63.7 31.7 95.1

227 67.5 32.0 96.0

