

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048176.D
 Acq On : 14 Oct 2025 18:38
 Operator : JC/MD
 Sample : Q3311-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-219

Quant Time: Oct 15 02:50:39 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)

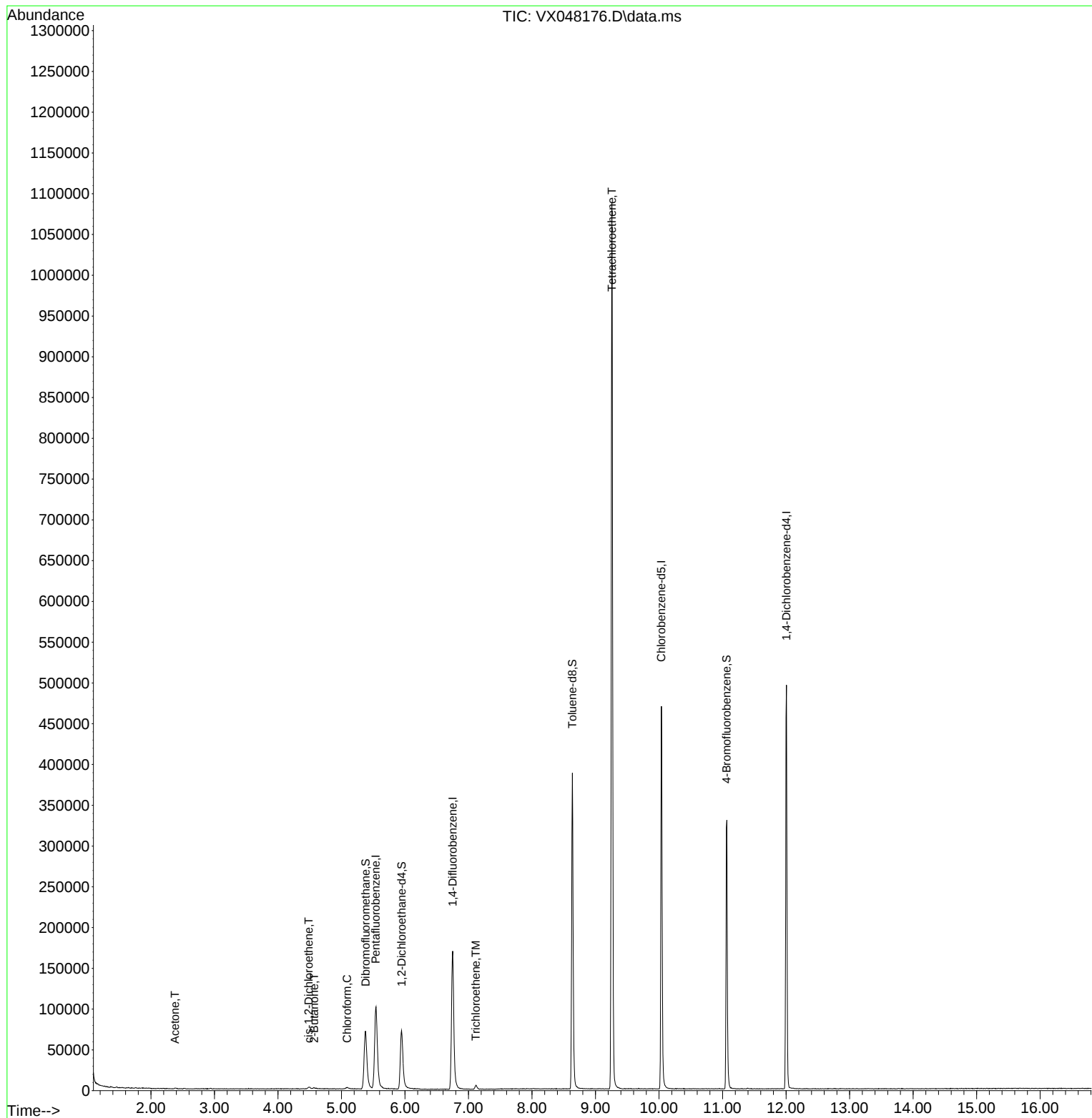
Internal Standards						
1) Pentafluorobenzene	5.537	168	101378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	188364	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	214540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	104145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79441	49.230	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.460%
35) Dibromofluoromethane	5.379	113	68594	54.299	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.600%
50) Toluene-d8	8.635	98	232782	53.254	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.500%
62) 4-Bromofluorobenzene	11.061	95	95184	57.376	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.760%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1061	1.512	ug/l #	80
25) 2-Butanone	4.568	43	3074	3.512	ug/l #	87
27) cis-1,2-Dichloroethene	4.483	96	1654	1.041	ug/l	82
30) Chloroform	5.086	83	2151	0.831	ug/l #	78
44) Trichloroethene	7.116	130	2167	1.599	ug/l	94
64) Tetrachloroethene	9.256	164	203167	145.267	ug/l	98

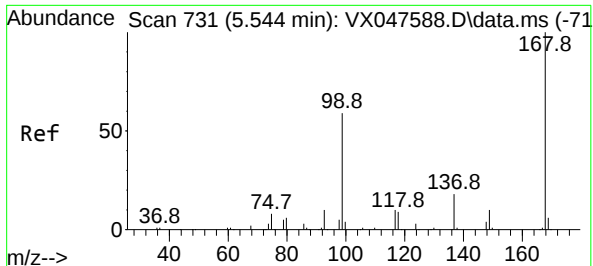
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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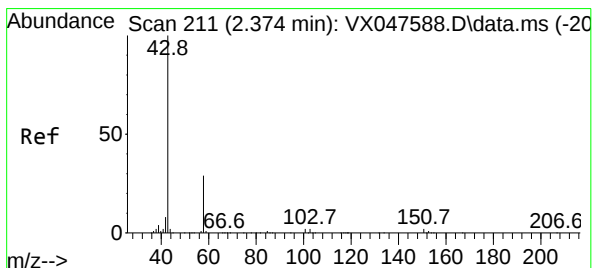
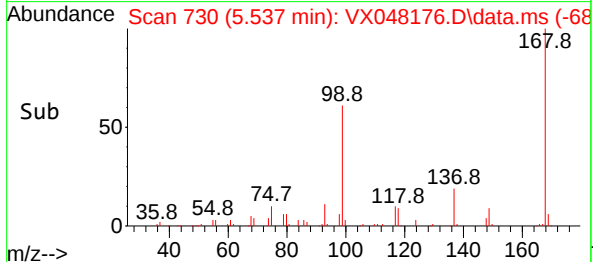
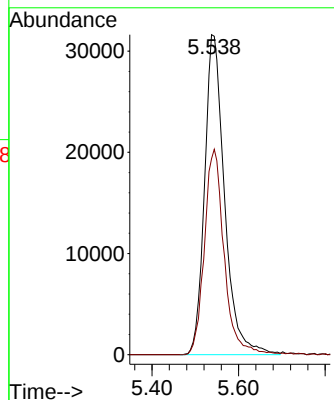
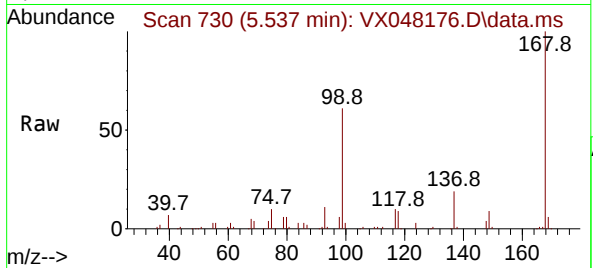




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

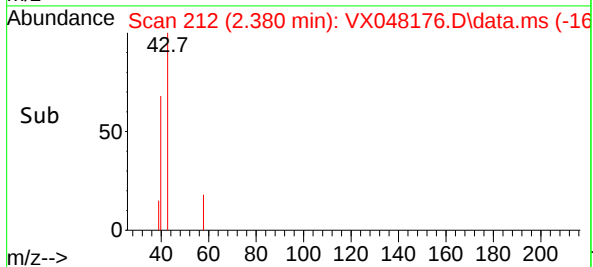
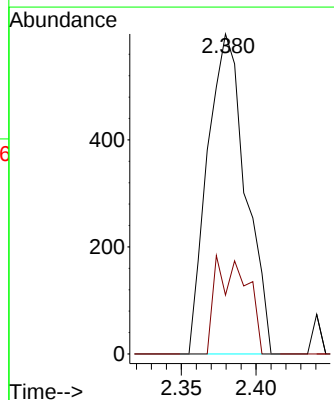
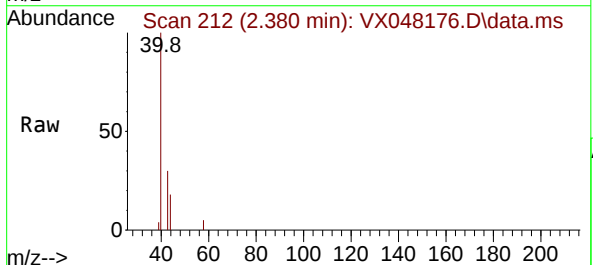
Instrument :
MSVOA_X
ClientSampleId :
MW-219

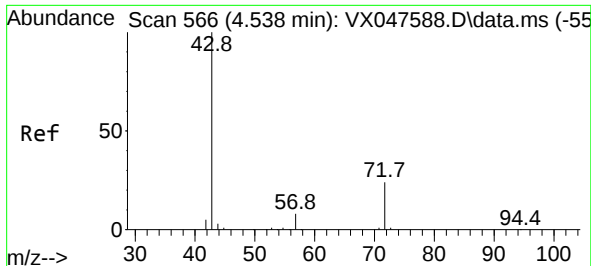
Tgt Ion:168 Resp: 101378
Ion Ratio Lower Upper
168 100
99 61.3 48.8 73.2



#16
Acetone
Concen: 1.512 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 18.4 23.4 35.0#

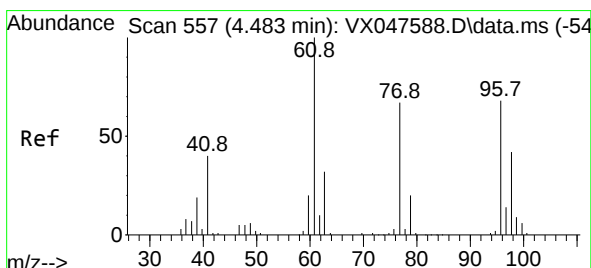
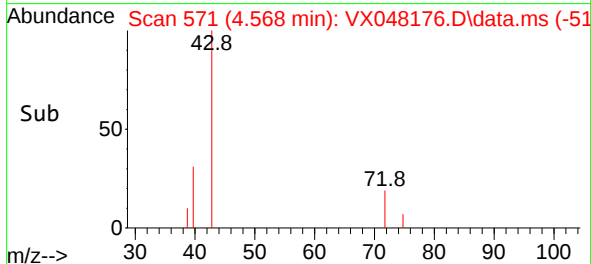
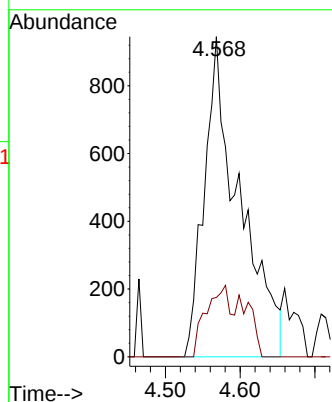
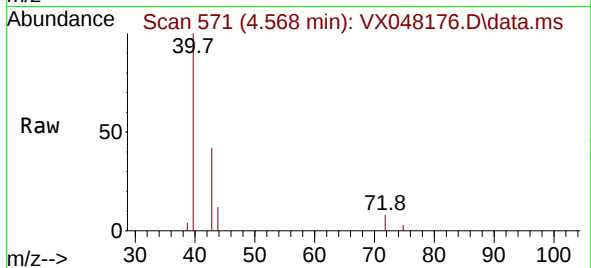




#25
2-Butanone
Concen: 3.512 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

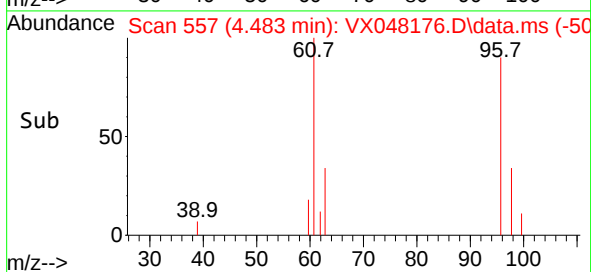
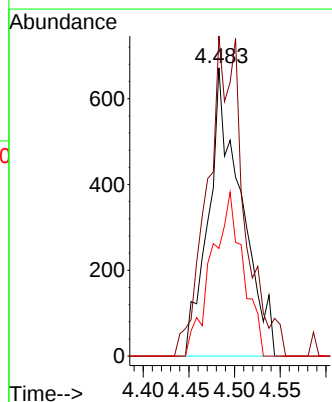
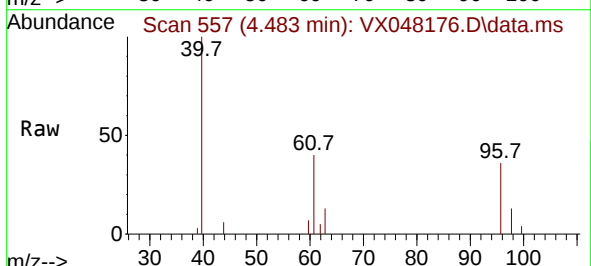
Instrument :
MSVOA_X
ClientSampleId :
MW-219

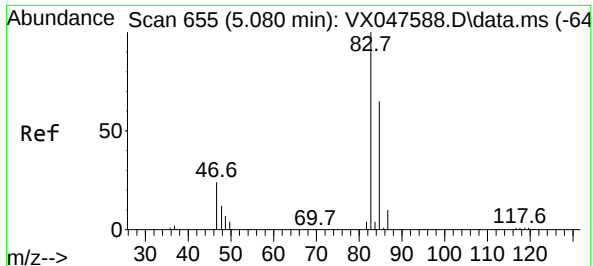
Tgt Ion: 43 Resp: 3074
Ion Ratio Lower Upper
43 100
72 18.5 20.1 30.1#



#27
cis-1,2-Dichloroethene
Concen: 1.041 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Tgt Ion: 96 Resp: 1654
Ion Ratio Lower Upper
96 100
61 125.2 0.0 303.2
98 55.9 0.0 127.8





#30

Chloroform

Concen: 0.831 ug/l

RT: 5.086 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX048176.D

Acq: 14 Oct 2025 18:38

Instrument :

MSVOA_X

ClientSampleId :

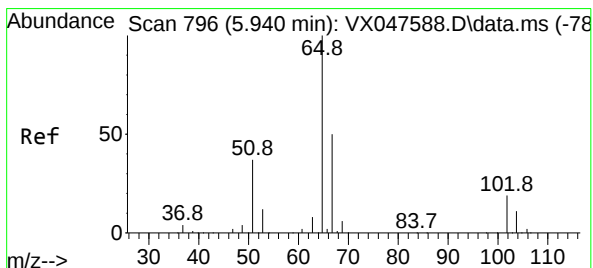
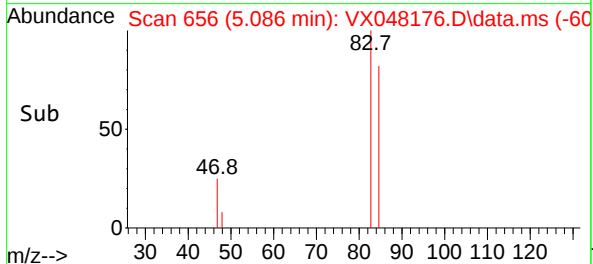
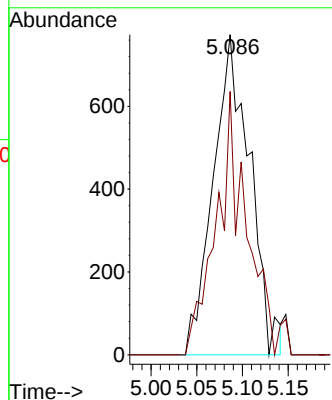
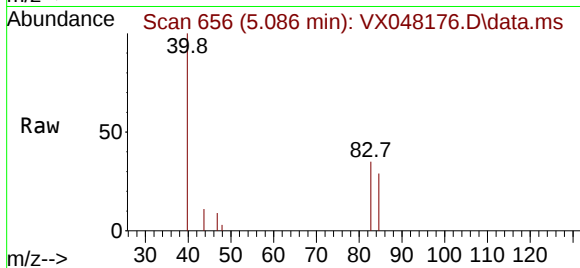
MW-219

Tgt Ion: 83 Resp: 2151

Ion Ratio Lower Upper

83 100

85 82.3 51.8 77.6#



#33

1,2-Dichloroethane-d4

Concen: 49.230 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX048176.D

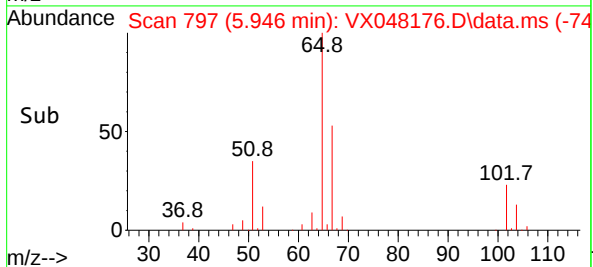
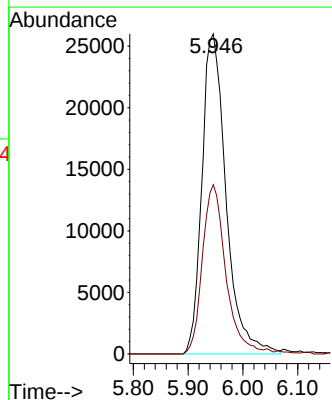
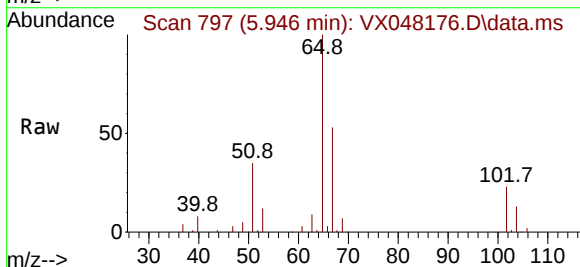
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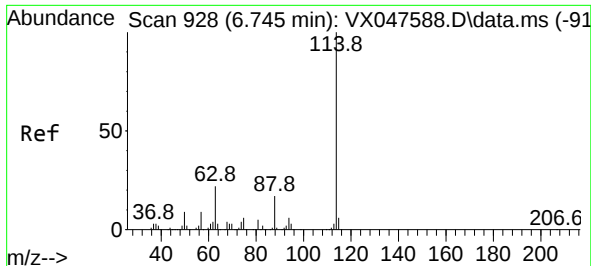
Tgt Ion: 65 Resp: 79441

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.0

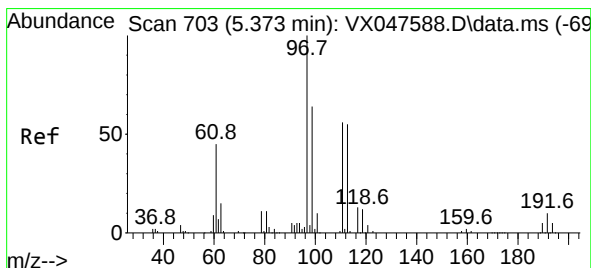
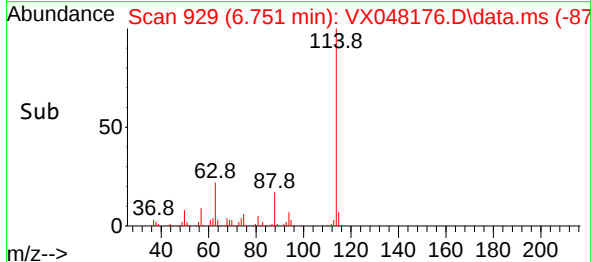
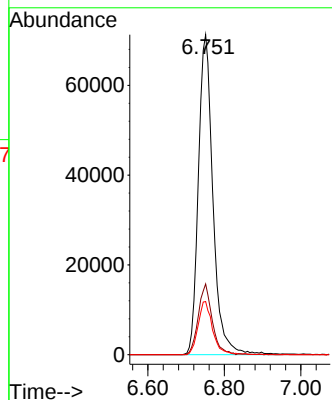
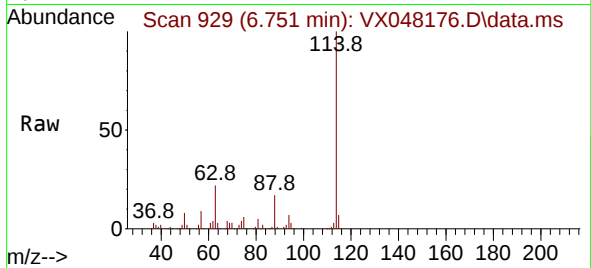




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

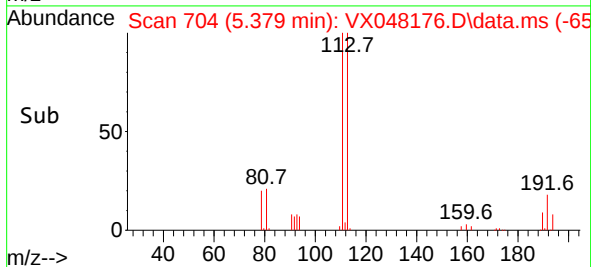
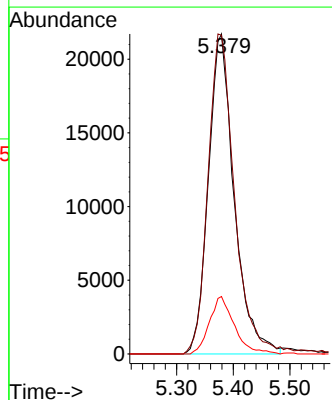
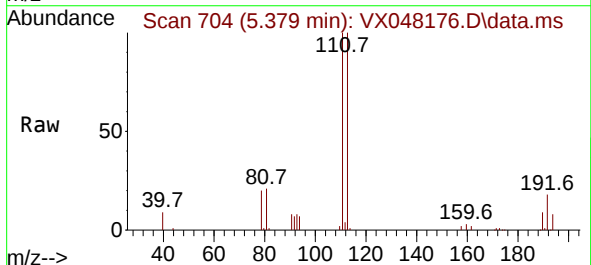
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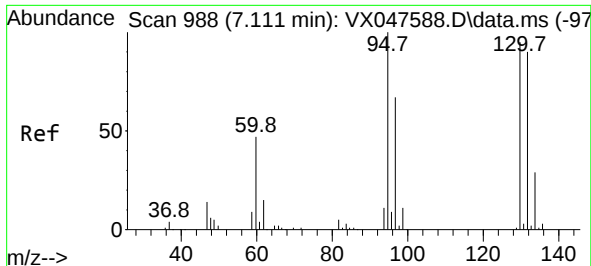
Tgt Ion:114 Resp: 188364
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.0
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 54.299 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Tgt Ion:113 Resp: 68594
Ion Ratio Lower Upper
113 100
111 102.7 80.9 121.3
192 17.4 14.2 21.4

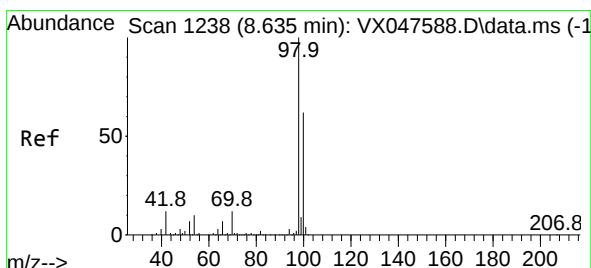
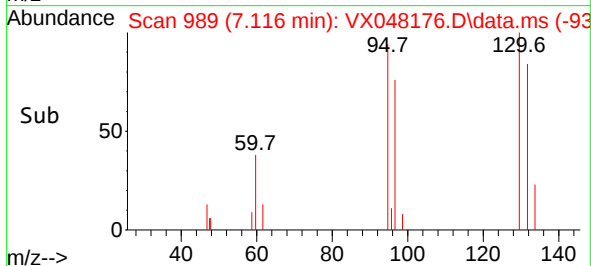
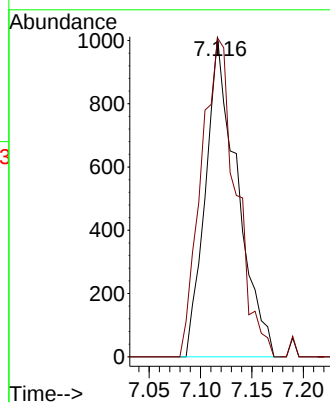
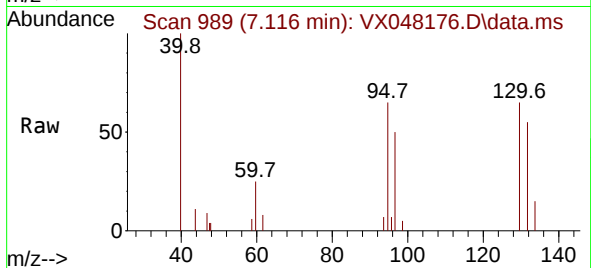




#44
Trichloroethene
Concen: 1.599 ug/l
RT: 7.116 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

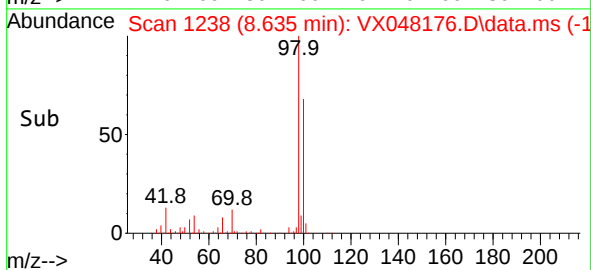
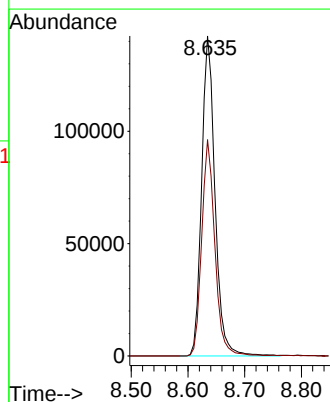
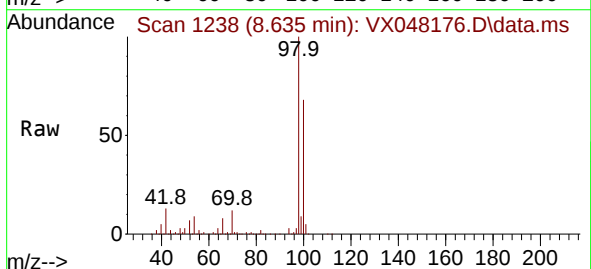
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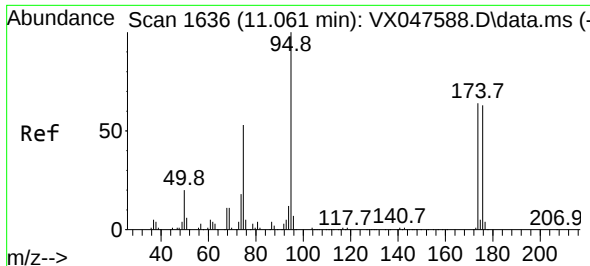
Tgt Ion:130 Resp: 2167
Ion Ratio Lower Upper
130 100
95 99.6 0.0 210.8



#50
Toluene-d8
Concen: 53.254 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Tgt Ion: 98 Resp: 232782
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4

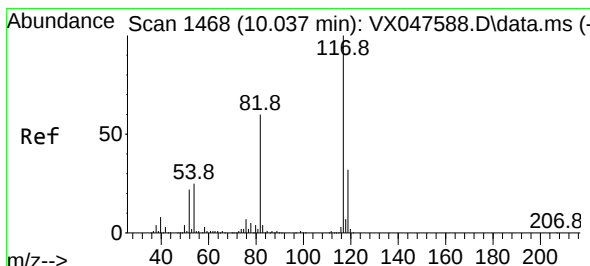
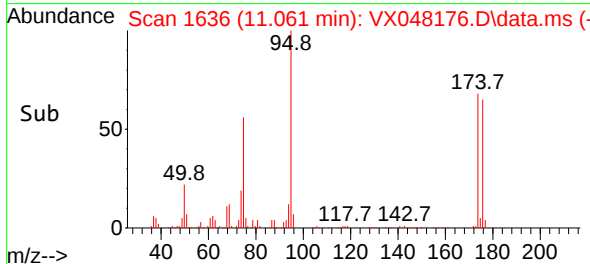
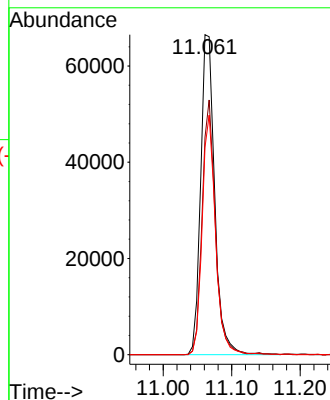
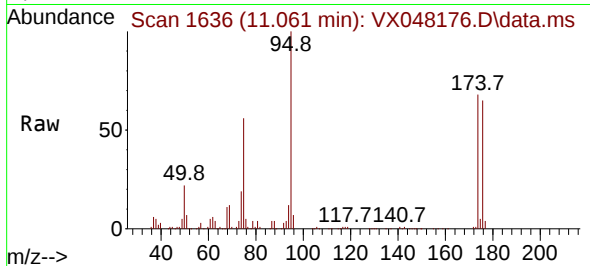




#62
4-Bromofluorobenzene
Concen: 57.376 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

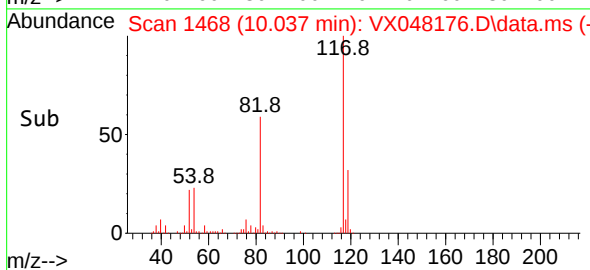
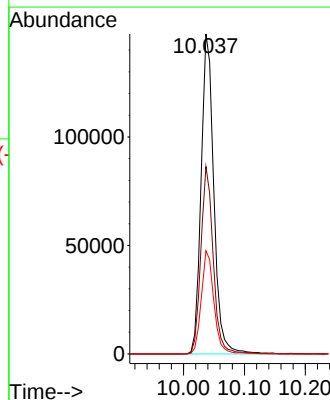
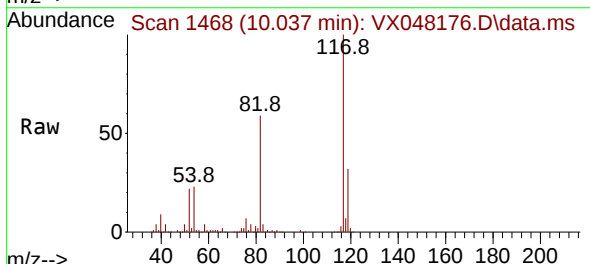
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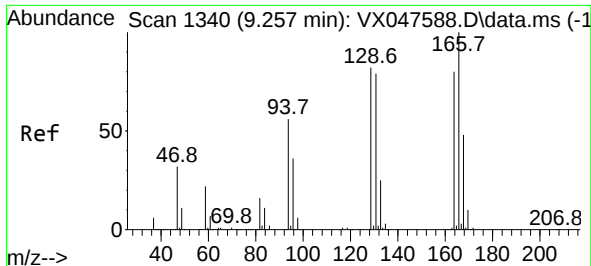
Tgt Ion: 95 Resp: 95184
Ion Ratio Lower Upper
95 100
174 74.7 0.0 141.6
176 71.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Tgt Ion: 117 Resp: 214540
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 32.3 25.2 37.8

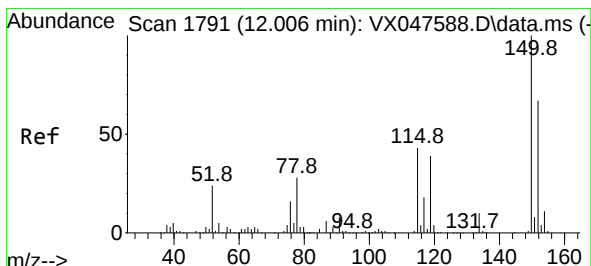
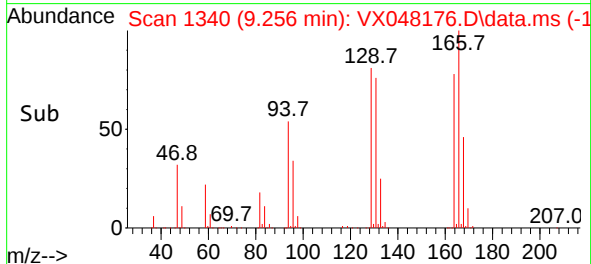
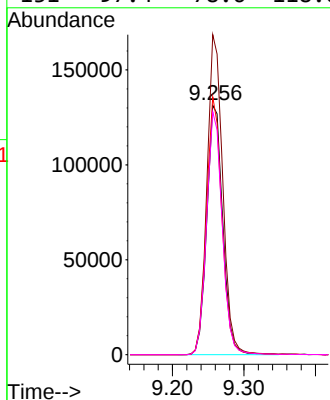
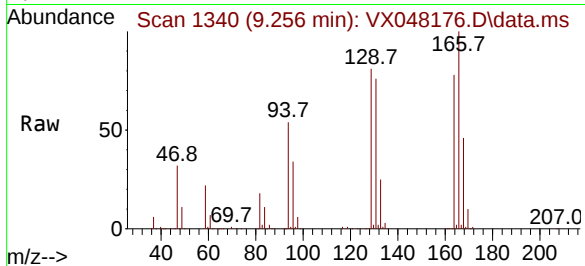




#64
Tetrachloroethene
Concen: 145.267 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Instrument :
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Tgt Ion:164 Resp: 203167
Ion Ratio Lower Upper
164 100
166 128.4 100.2 150.2
129 103.4 81.8 122.6
131 97.4 78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Tgt Ion:152 Resp: 104145
Ion Ratio Lower Upper
152 100
115 62.3 44.9 134.5
150 156.9 0.0 352.0

