

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048136.D
 Acq On : 13 Oct 2025 13:06
 Operator : JC/MD
 Sample : Q3311-12DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-214DDL

Quant Time: Oct 14 01:53:45 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)

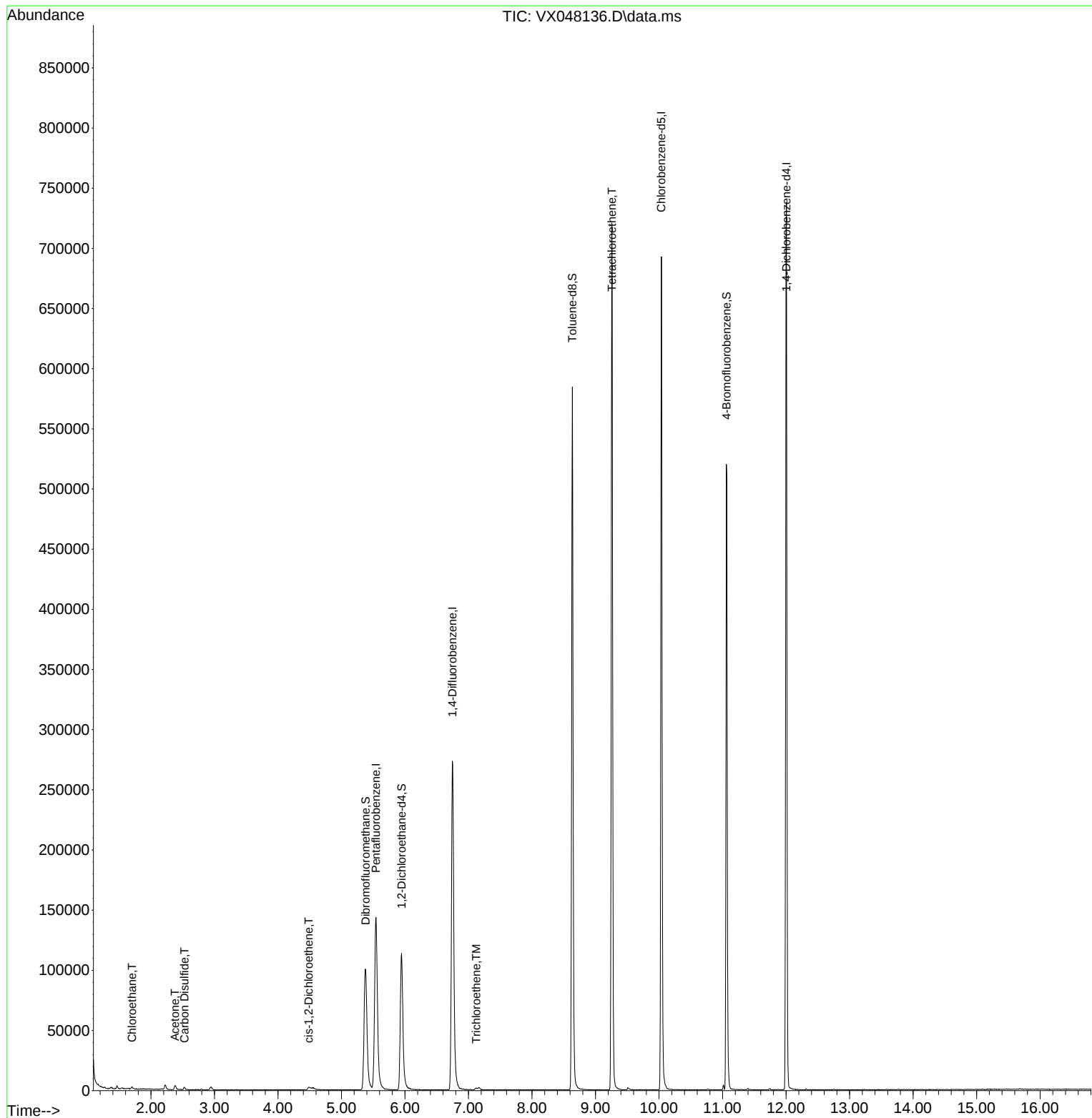
Internal Standards						
1) Pentafluorobenzene	5.544	168	143231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	299760	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	312119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	155771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	123182	54.030	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.060%	
35) Dibromofluoromethane	5.379	113	100199	49.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.680%	
50) Toluene-d8	8.635	98	343716	49.411	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.820%	
62) 4-Bromofluorobenzene	11.061	95	149702	56.705	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.420%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.703	64	1541	1.208	ug/l #	75
16) Acetone	2.380	43	4854	4.897	ug/l	90
17) Carbon Disulfide	2.526	76	2590	0.556	ug/l #	95
27) cis-1,2-Dichloroethene	4.483	96	1545	0.689	ug/l	95
44) Trichloroethene	7.123	130	594	0.275	ug/l	92
64) Tetrachloroethene	9.256	164	135347	66.520	ug/l	98

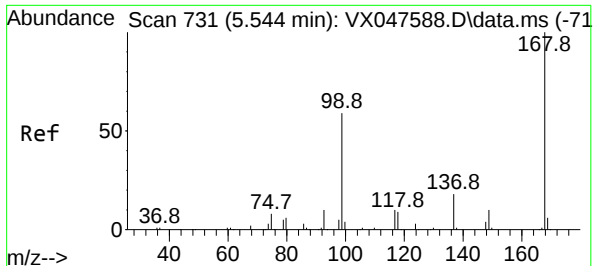
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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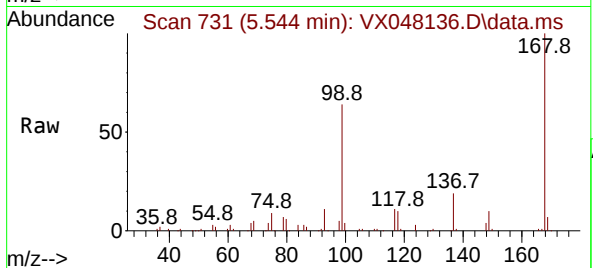
Quant Time: Oct 14 01:53:45 2025
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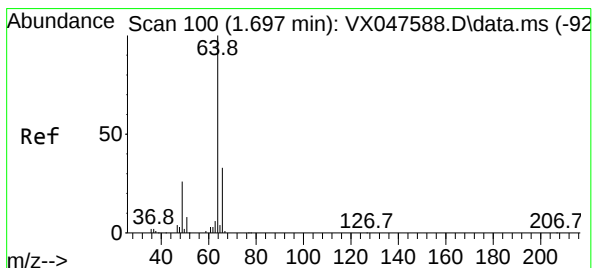
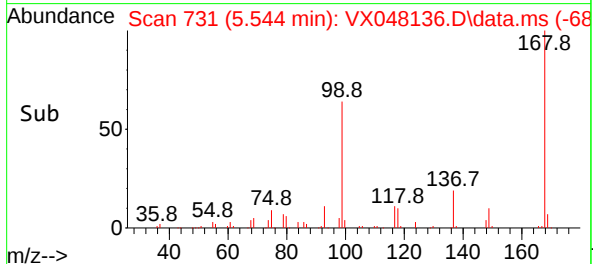
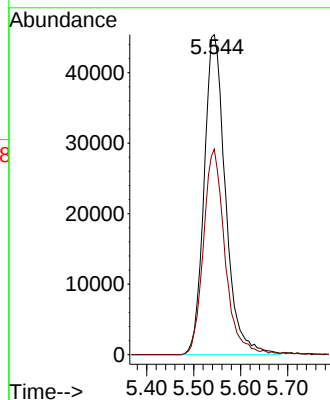


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048136.D
Acq: 13 Oct 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

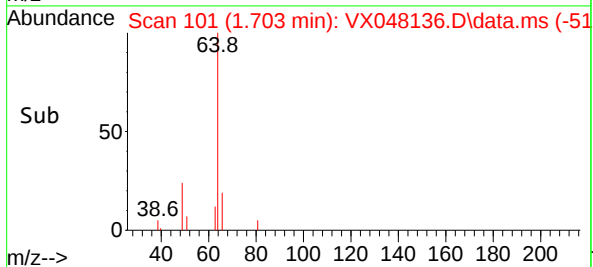
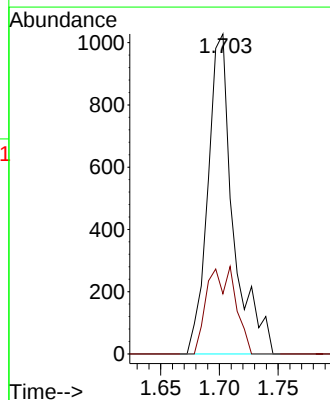
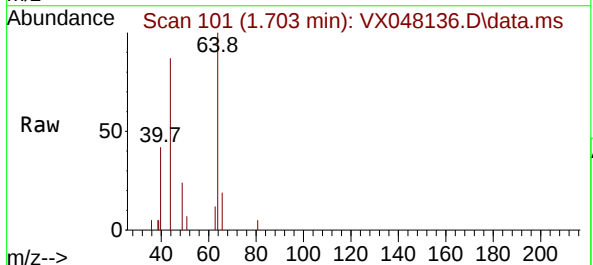


Tgt Ion:168 Resp: 143231
Ion Ratio Lower Upper
168 100
99 64.3 48.8 73.2



#6
Chloroethane
Concen: 1.208 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.006 min
Lab File: VX048136.D
Acq: 13 Oct 2025 13:06

Tgt Ion: 64 Resp: 1541
Ion Ratio Lower Upper
64 100
66 18.8 26.1 39.1#

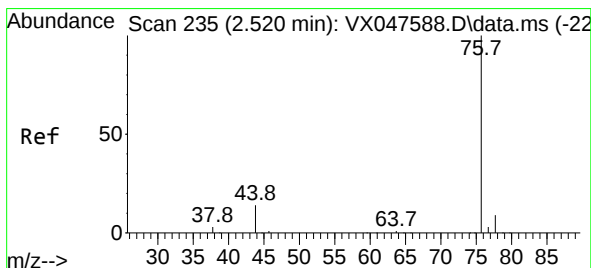
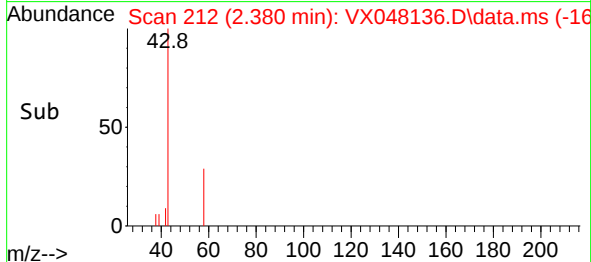
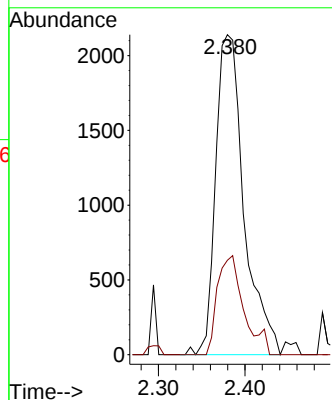
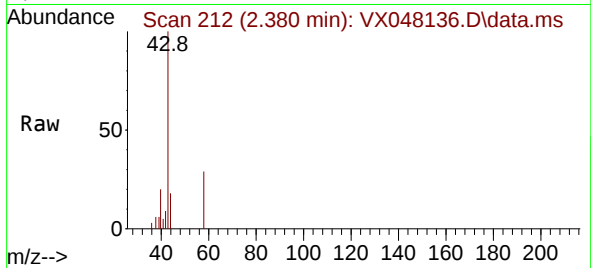




#16
Acetone
Concen: 4.897 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048136.D
Acq: 13 Oct 2025 13:06

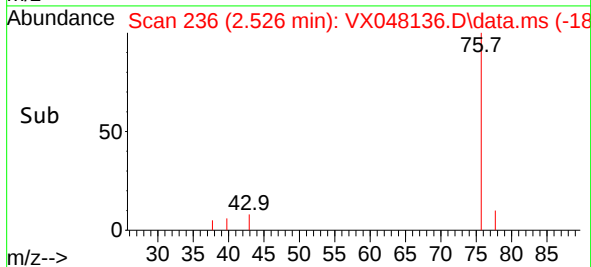
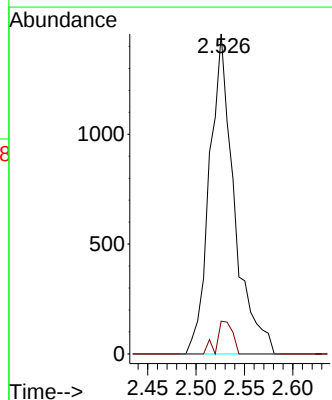
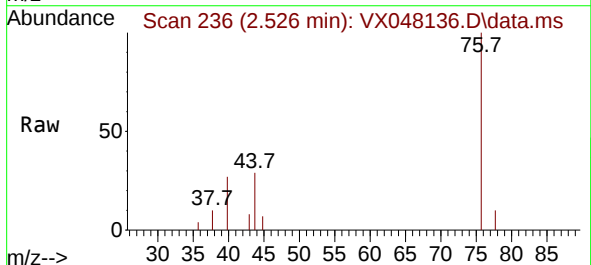
Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

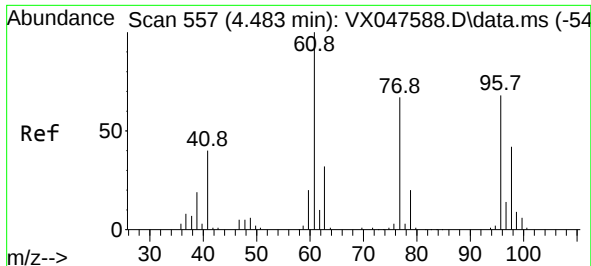
Tgt Ion: 43 Resp: 4854
Ion Ratio Lower Upper
43 100
58 34.8 23.4 35.0



#17
Carbon Disulfide
Concen: 0.556 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.006 min
Lab File: VX048136.D
Acq: 13 Oct 2025 13:06

Tgt Ion: 76 Resp: 2590
Ion Ratio Lower Upper
76 100
78 10.2 6.8 10.2#





#27

cis-1,2-Dichloroethene

Concen: 0.689 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048136.D

Acq: 13 Oct 2025 13:06

Instrument :

MSVOA_X

ClientSampleId :

MW-214DDL

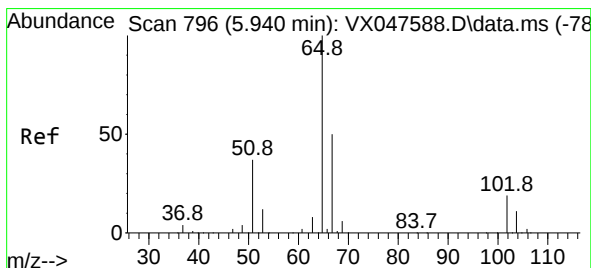
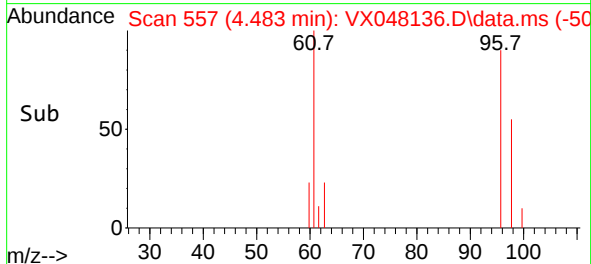
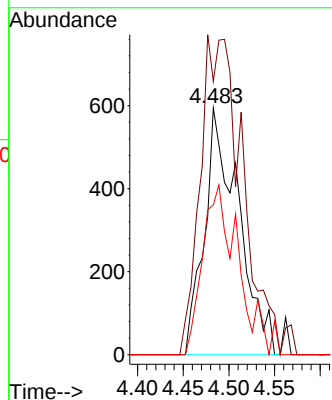
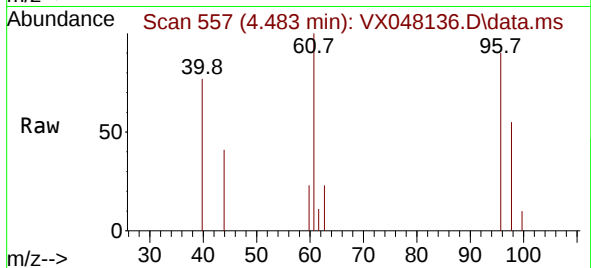
Tgt Ion: 96 Resp: 1545

Ion Ratio Lower Upper

96 100

61 159.0 0.0 303.2

98 65.6 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 54.030 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX048136.D

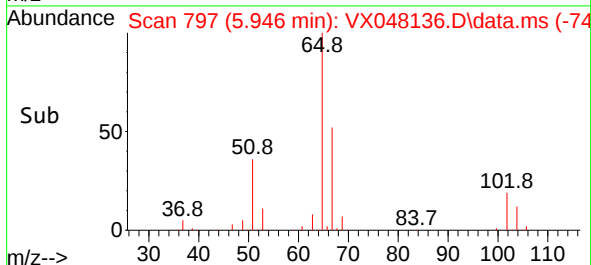
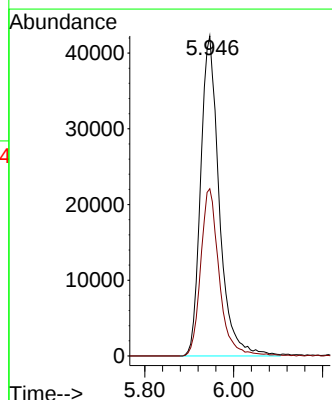
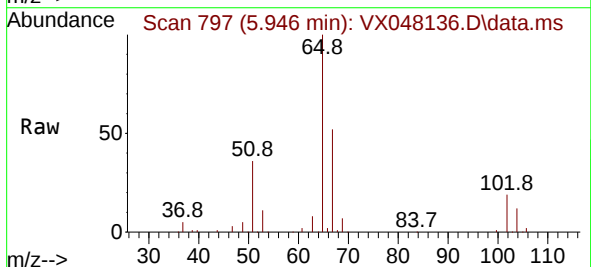
Acq: 13 Oct 2025 13:06

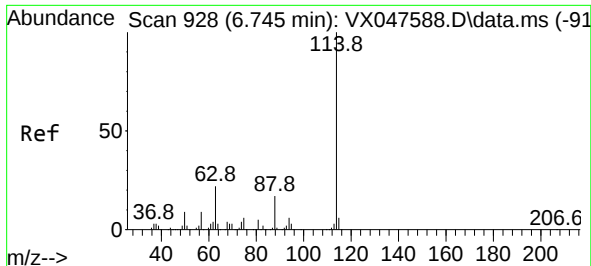
Tgt Ion: 65 Resp: 123182

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0

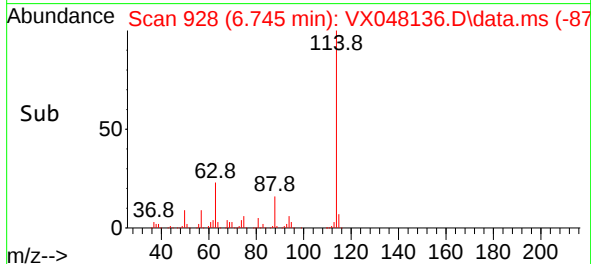
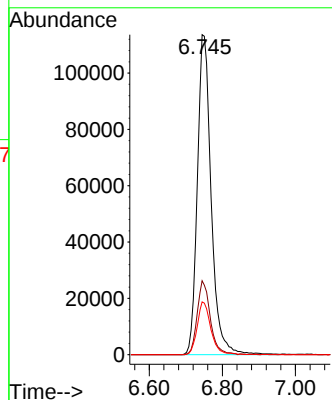
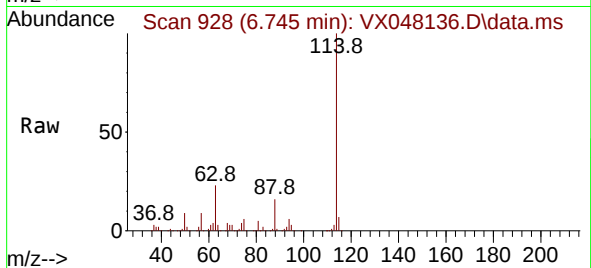




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048136.D
Acq: 13 Oct 2025 13:06

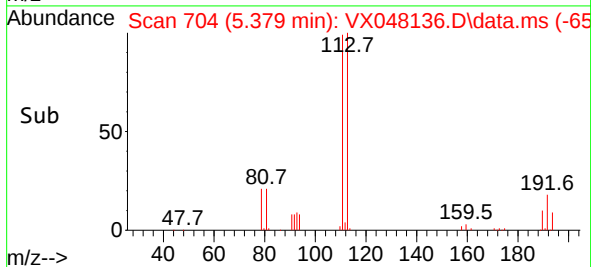
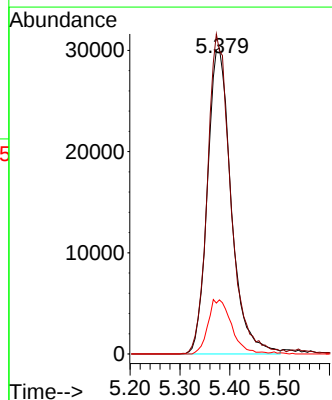
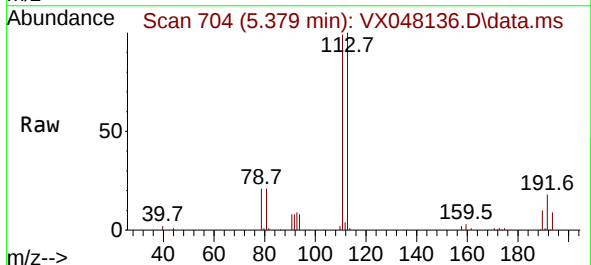
Instrument :
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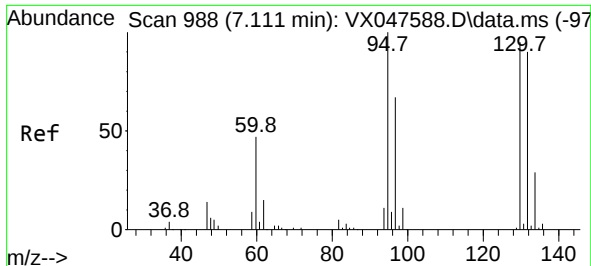
Tgt Ion:114 Resp: 299760
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.0
88 16.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.841 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048136.D
Acq: 13 Oct 2025 13:06

Tgt Ion:113 Resp: 100199
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 17.6 14.2 21.4

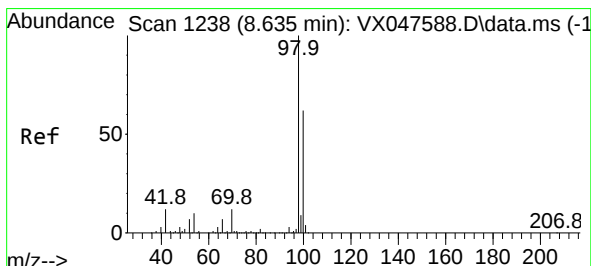
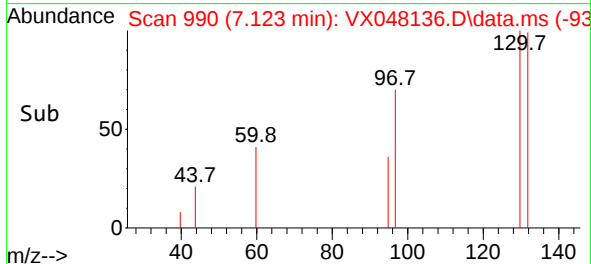
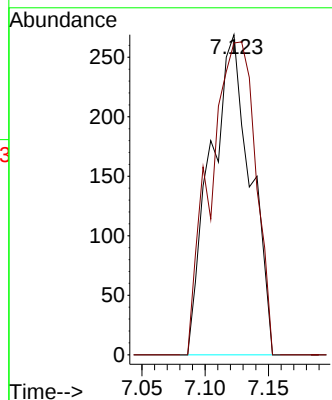
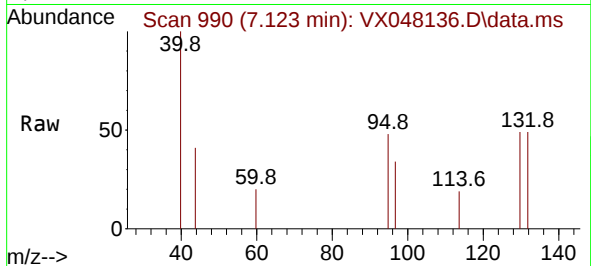




#44
Trichloroethene
Concen: 0.275 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX048136.D
Acq: 13 Oct 2025 13:06

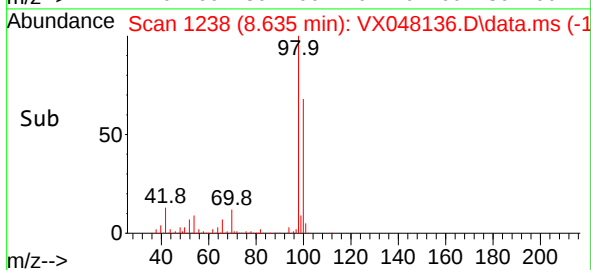
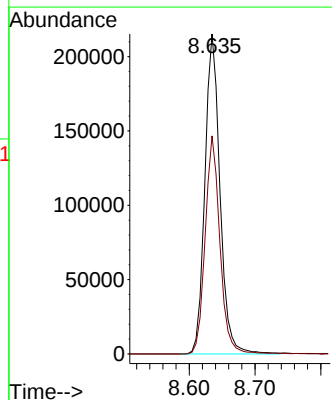
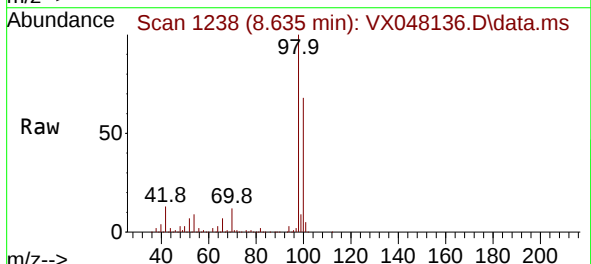
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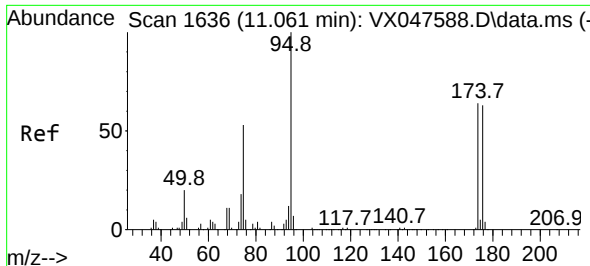
Tgt Ion:130 Resp: 594
Ion Ratio Lower Upper
130 100
95 97.4 0.0 210.8



#50
Toluene-d8
Concen: 49.411 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048136.D
Acq: 13 Oct 2025 13:06

Tgt Ion: 98 Resp: 343716
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4

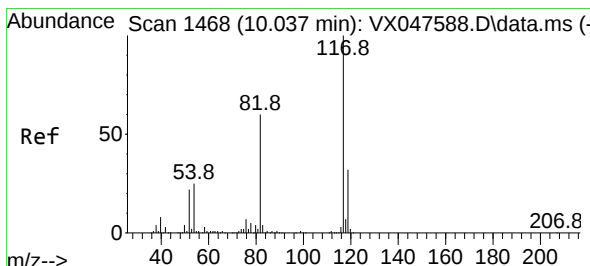
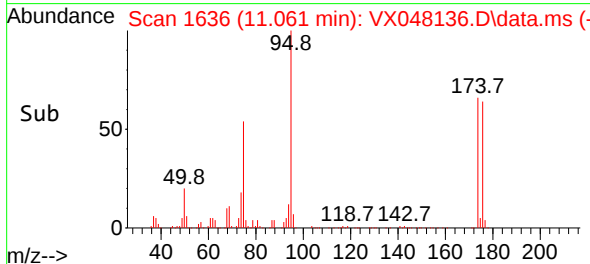
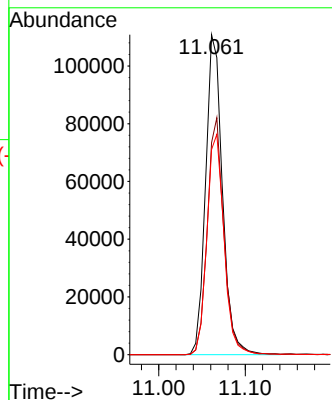
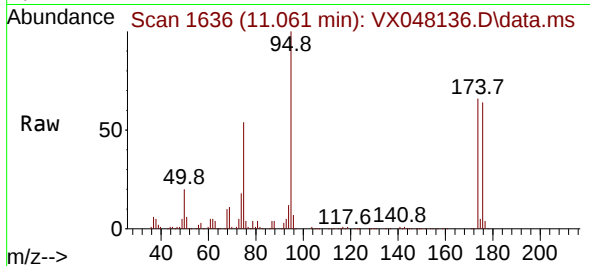




#62
4-Bromofluorobenzene
Concen: 56.705 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048136.D
Acq: 13 Oct 2025 13:06

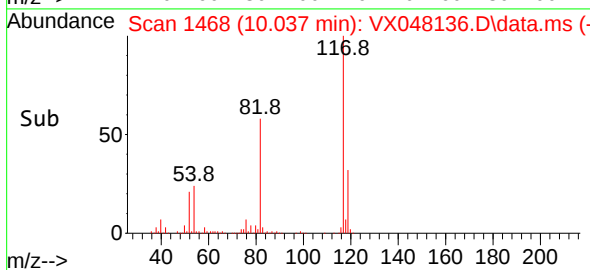
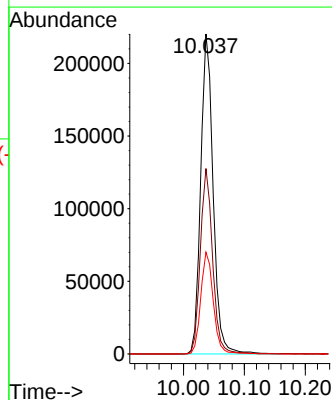
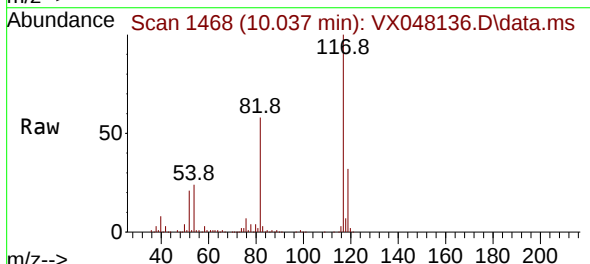
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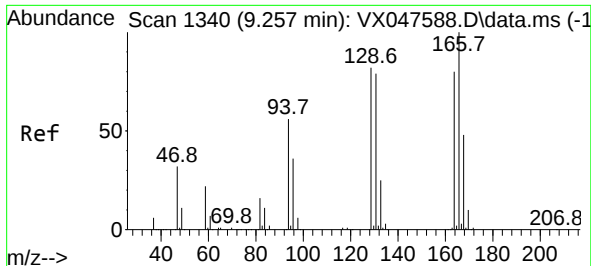
Tgt Ion: 95 Resp: 149702
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.6
176 70.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048136.D
Acq: 13 Oct 2025 13:06

Tgt Ion: 117 Resp: 312119
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.6
119 31.8 25.2 37.8

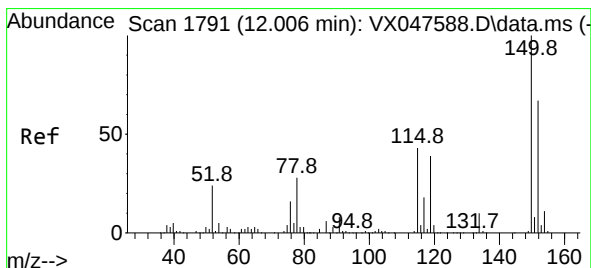
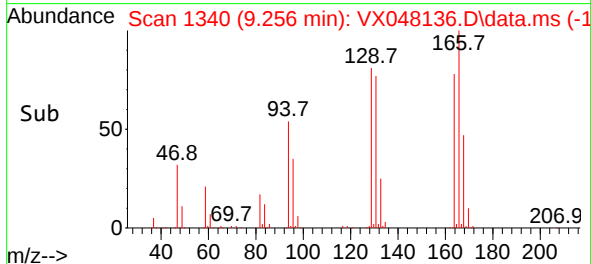
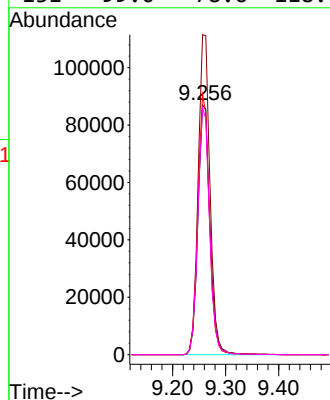
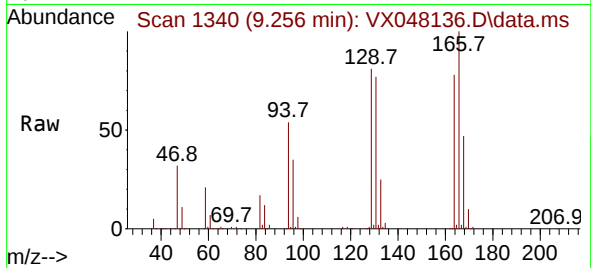




#64
Tetrachloroethene
Concen: 66.520 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048136.D
Acq: 13 Oct 2025 13:06

Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

Tgt Ion:164 Resp: 135347
Ion Ratio Lower Upper
164 100
166 128.3 100.2 150.2
129 104.3 81.8 122.6
131 99.0 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: VX048136.D
Acq: 13 Oct 2025 13:06

Tgt Ion:152 Resp: 155771
Ion Ratio Lower Upper
152 100
115 62.7 44.9 134.5
150 159.5 0.0 352.0

