

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045138.D
 Acq On : 05 Mar 2025 13:36
 Operator : JC/MD
 Sample : Q1478-02DL 2000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-AQ-DRUM-610-022825DL

Quant Time: Mar 06 01:05:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

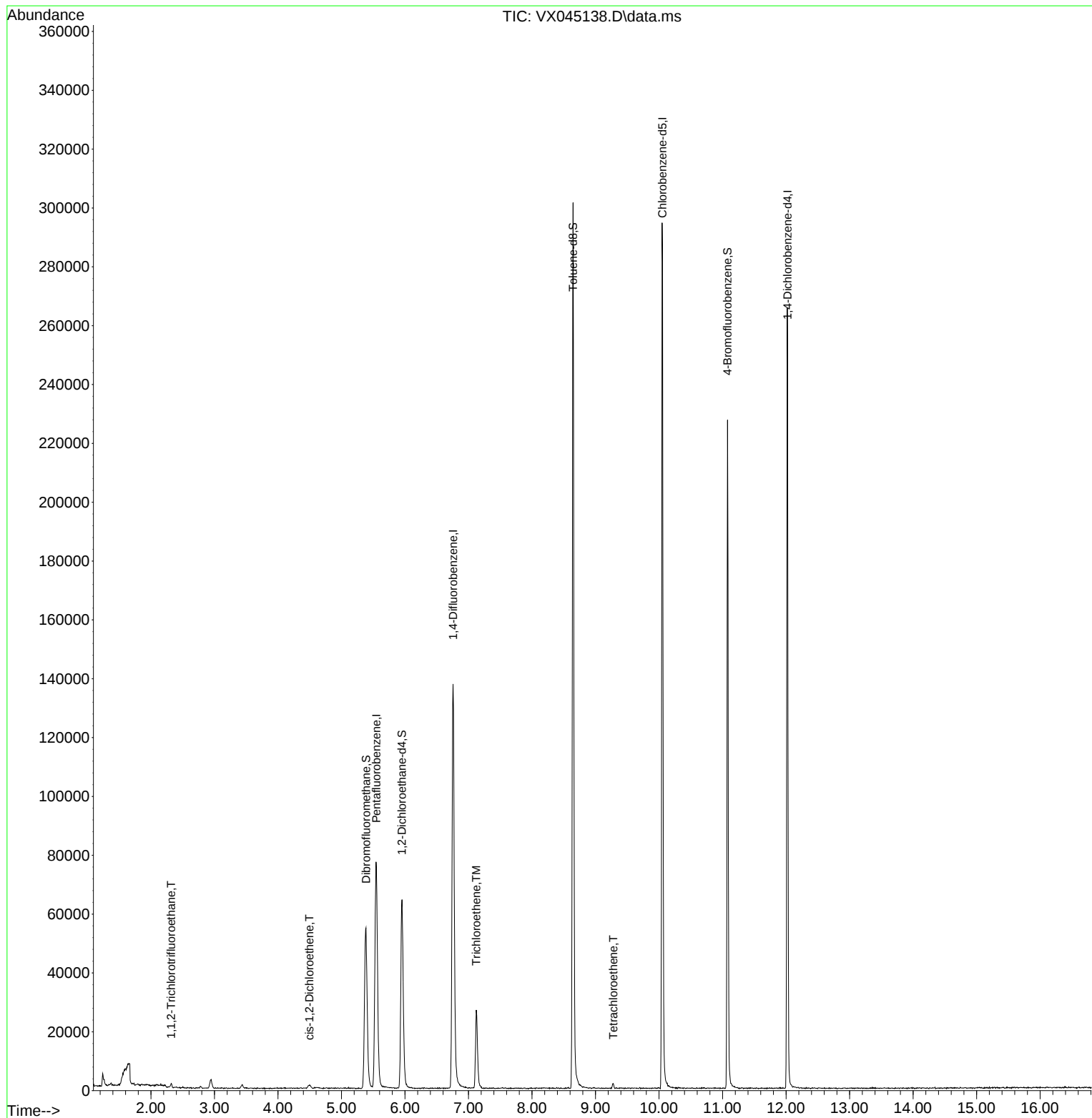
Internal Standards						
1) Pentafluorobenzene	5.550	168	72600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61113	52.920	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.840%	
35) Dibromofluoromethane	5.385	113	48893	50.481	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.960%	
50) Toluene-d8	8.647	98	179597	51.148	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	11.079	95	59067	50.765	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.520%	
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.319	101	643	0.762	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	841	0.773	ug/l	95
44) Trichloroethene	7.123	130	10408	10.568	ug/l	94
64) Tetrachloroethene	9.281	164	439	0.524	ug/l	90

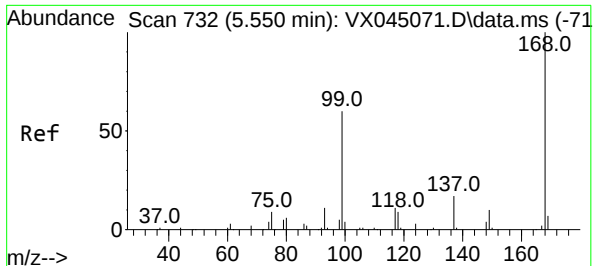
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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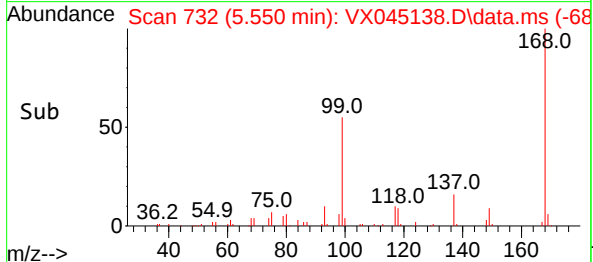
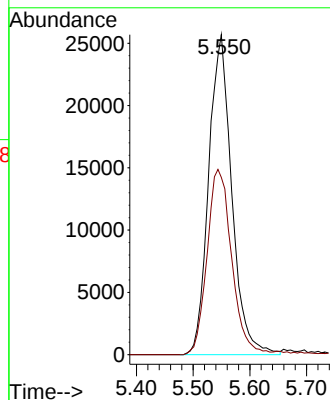
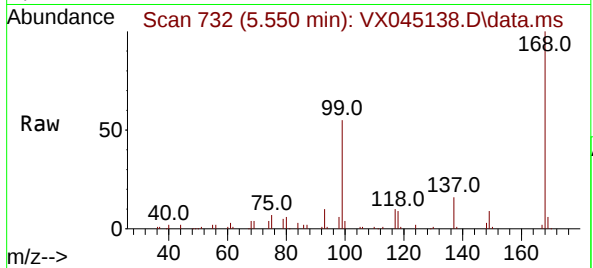




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045138.D
Acq: 05 Mar 2025 13:36

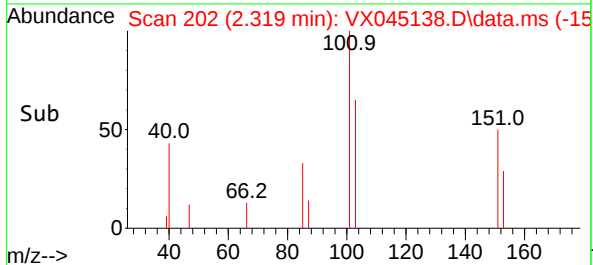
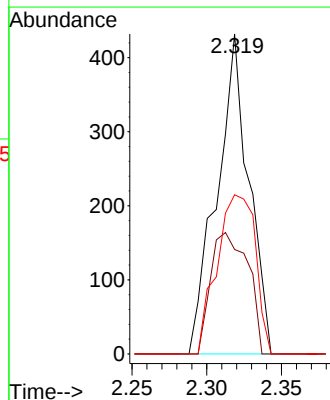
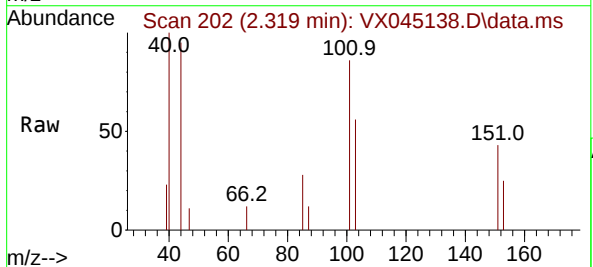
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-610-022825DL

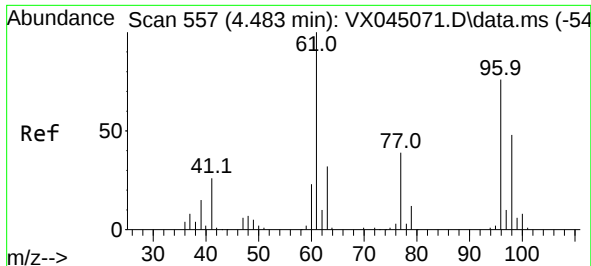
Tgt Ion:168 Resp: 72600
Ion Ratio Lower Upper
168 100
99 55.4 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.762 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045138.D
Acq: 05 Mar 2025 13:36

Tgt Ion:101 Resp: 643
Ion Ratio Lower Upper
101 100
85 44.2 36.2 54.4
151 59.7 56.4 84.6





#27

cis-1,2-Dichloroethene

Concen: 0.773 ug/l

RT: 4.495 min Scan# 557

Delta R.T. 0.012 min

Lab File: VX045138.D

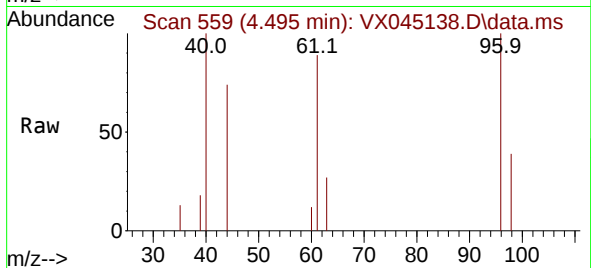
Acq: 05 Mar 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

IDW-AQ-DRUM-610-022825DL



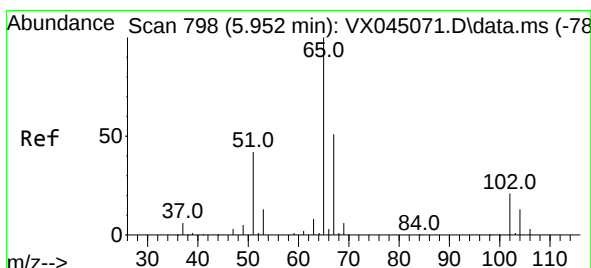
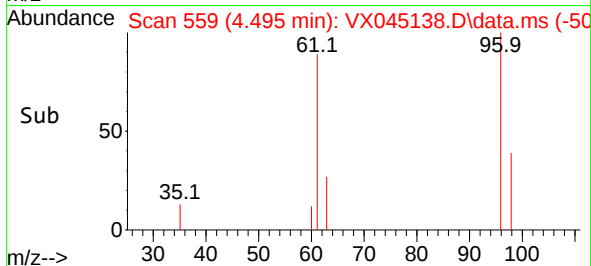
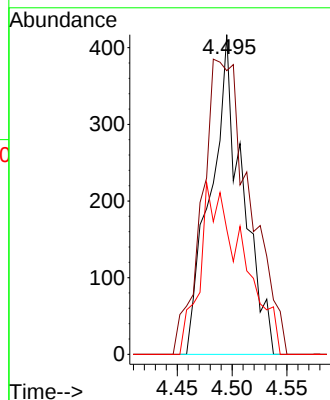
Tgt Ion: 96 Resp: 841

Ion Ratio Lower Upper

96 100

61 138.2 0.0 283.2

98 72.1 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 52.920 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045138.D

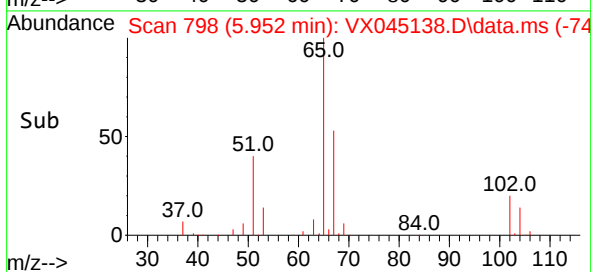
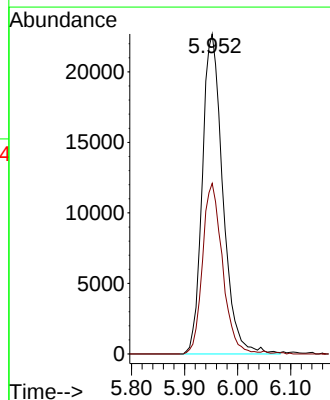
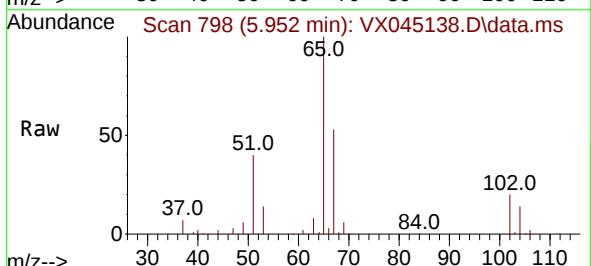
Acq: 05 Mar 2025 13:36

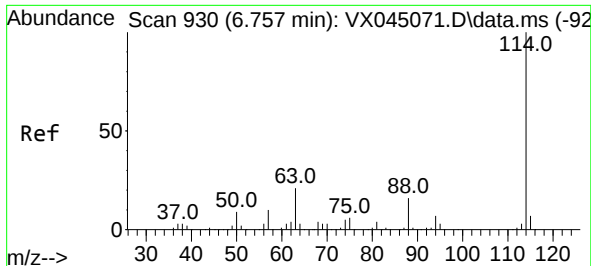
Tgt Ion: 65 Resp: 61113

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.2

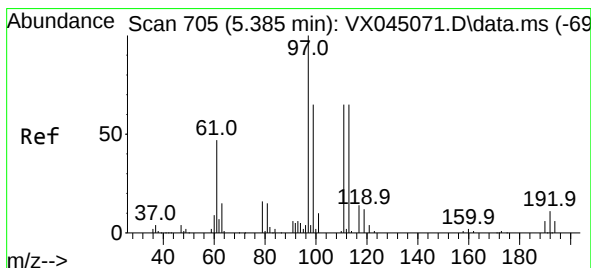
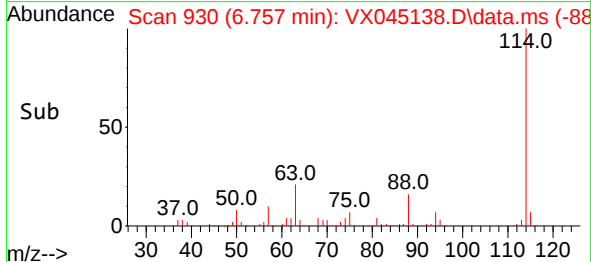
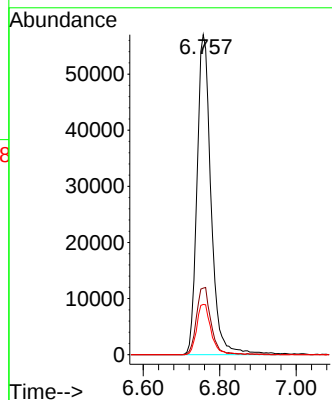
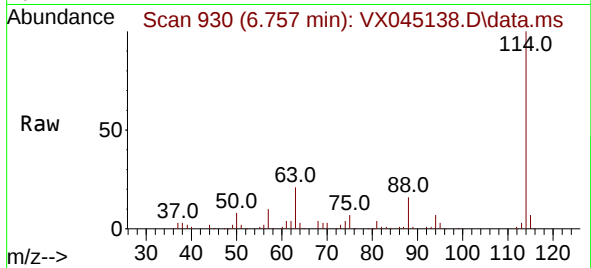




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045138.D
Acq: 05 Mar 2025 13:36

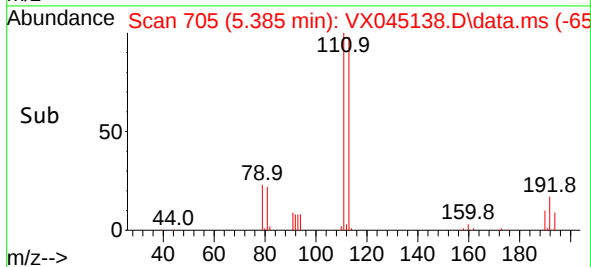
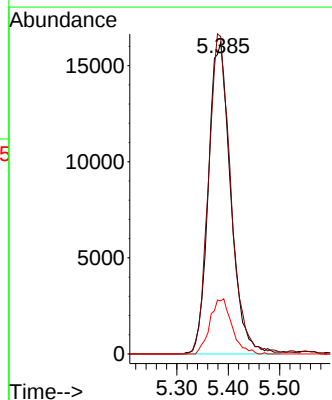
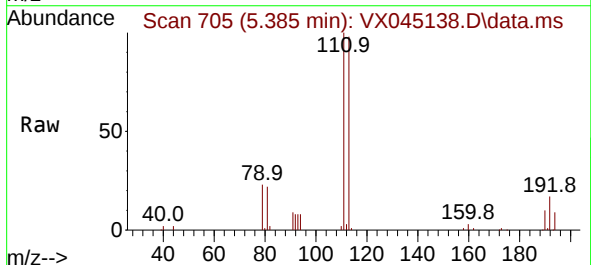
Instrument :
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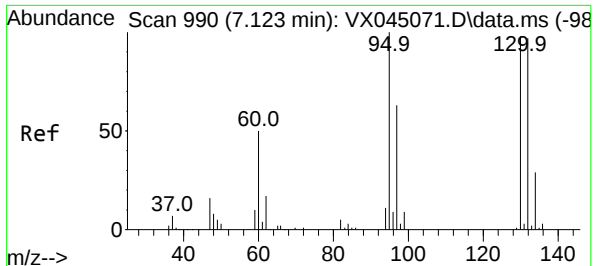
Tgt Ion:114 Resp: 144845
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.481 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045138.D
Acq: 05 Mar 2025 13:36

Tgt Ion:113 Resp: 48893
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 17.3 14.3 21.5

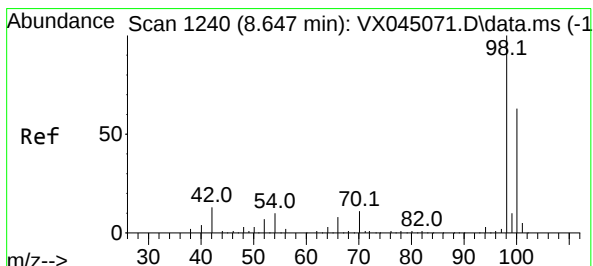
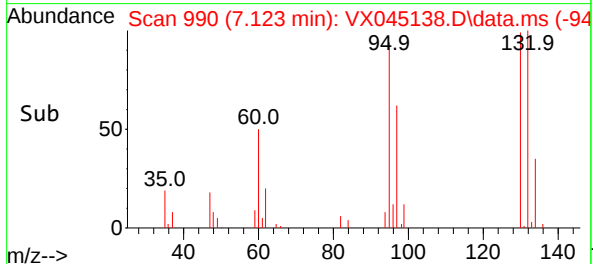
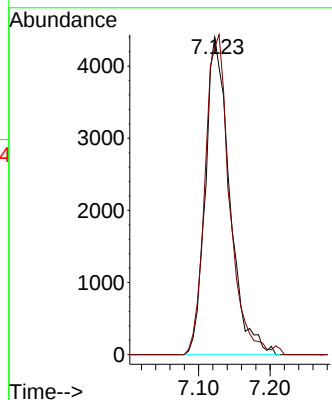
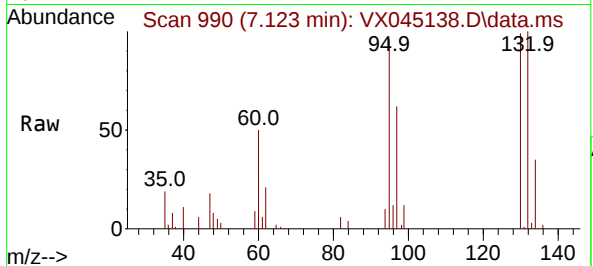




#44
 Trichloroethene
 Concen: 10.568 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: VX045138.D
 Acq: 05 Mar 2025 13:36

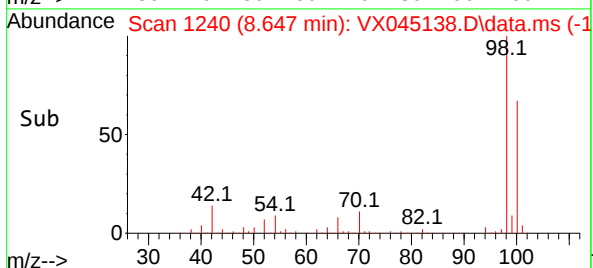
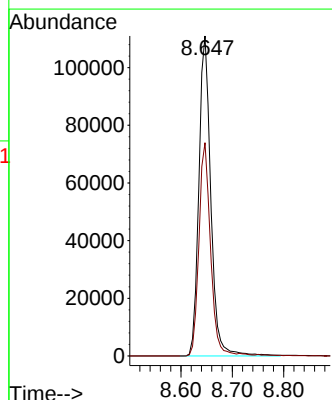
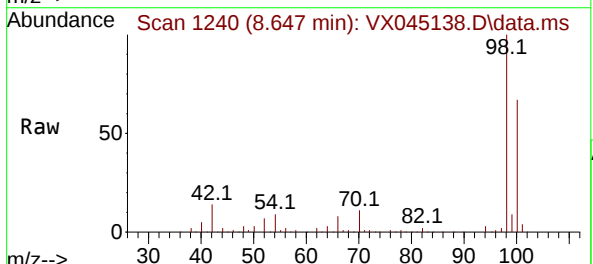
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 ClientSampleId :
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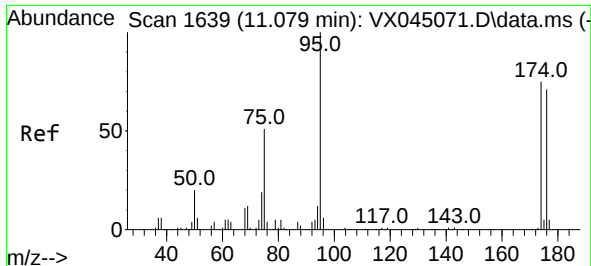
Tgt Ion:130 Resp: 10408
 Ion Ratio Lower Upper
 130 100
 95 96.8 0.0 205.0



#50
 Toluene-d8
 Concen: 51.148 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045138.D
 Acq: 05 Mar 2025 13:36

Tgt Ion: 98 Resp: 179597
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 50.765 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045138.D

Acq: 05 Mar 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

IDW-AQ-DRUM-610-022825DL

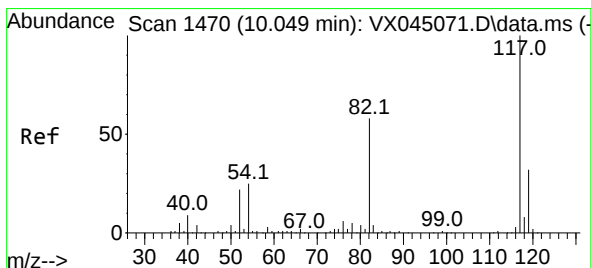
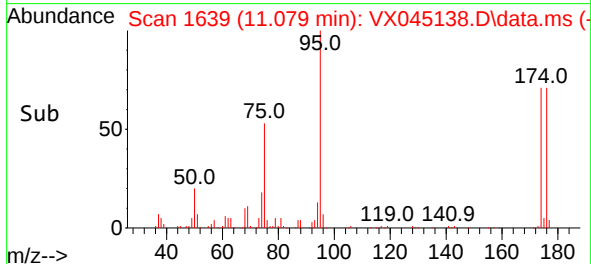
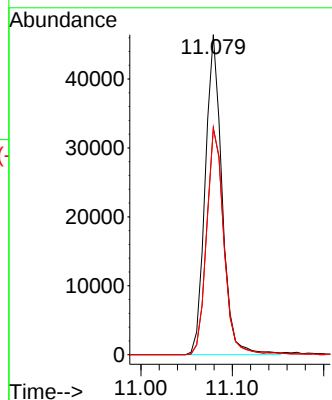
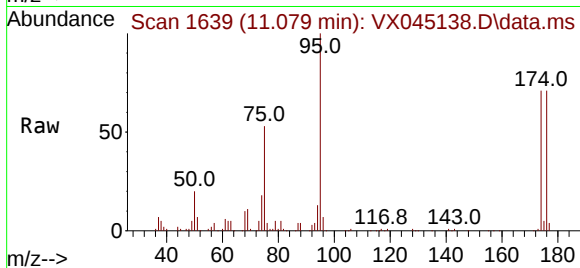
Tgt Ion: 95 Resp: 59067

Ion Ratio Lower Upper

95 100

174 72.1 0.0 148.2

176 72.8 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045138.D

Acq: 05 Mar 2025 13:36

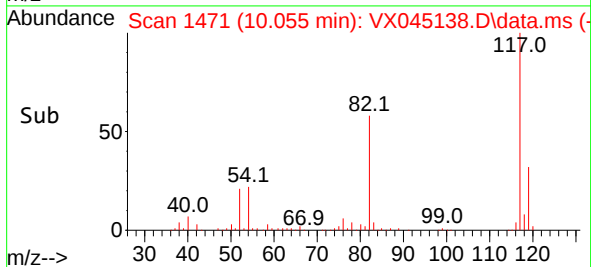
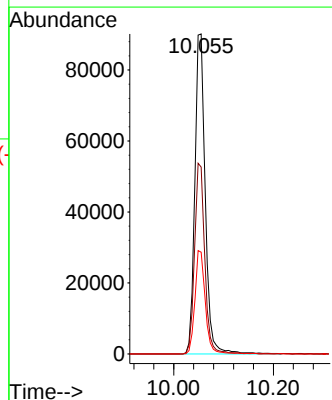
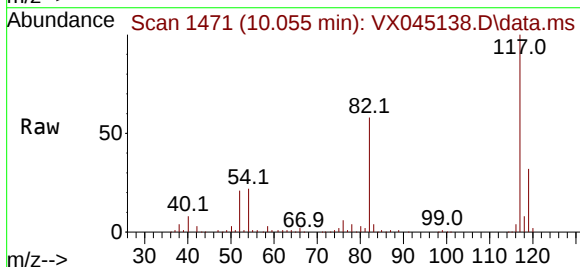
Tgt Ion: 117 Resp: 130870

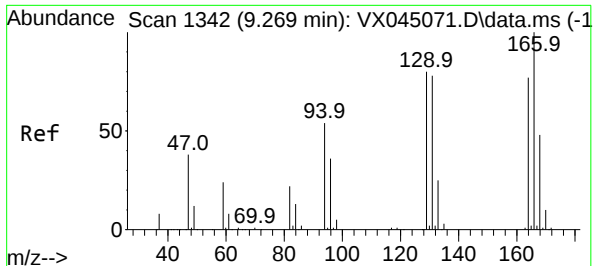
Ion Ratio Lower Upper

117 100

82 58.4 46.3 69.5

119 31.8 25.7 38.5

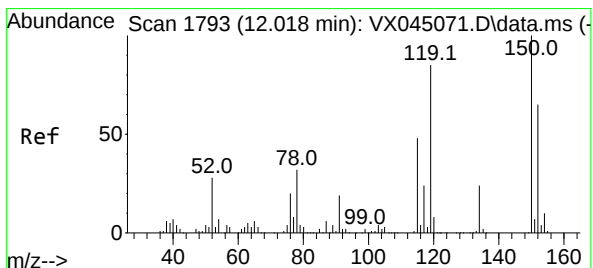
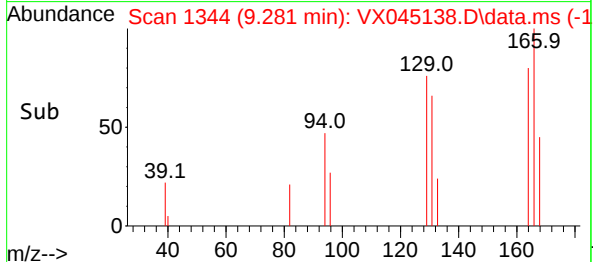
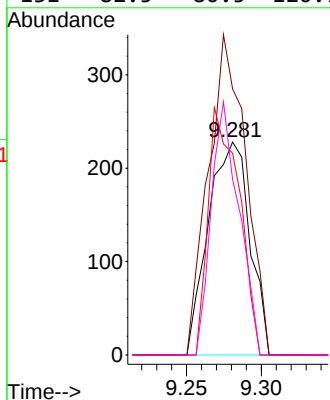
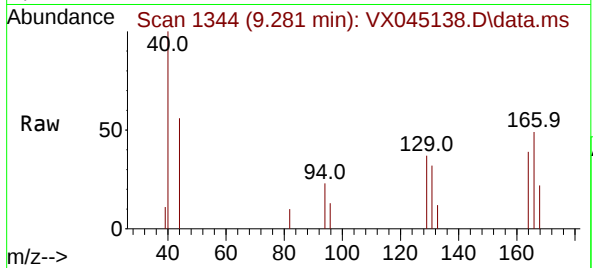




#64
Tetrachloroethene
Concen: 0.524 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX045138.D
Acq: 05 Mar 2025 13:36

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Tgt Ion:164 Resp: 439
Ion Ratio Lower Upper
164 100
166 125.0 103.6 155.4
129 94.7 82.7 124.1
131 82.5 80.5 120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045138.D
Acq: 05 Mar 2025 13:36

Tgt Ion:152 Resp: 53781
Ion Ratio Lower Upper
152 100
115 59.5 44.2 132.6
150 155.0 0.0 349.0

