

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045269.D
 Acq On : 13 Mar 2025 15:10
 Operator : JC/MD
 Sample : Q1559-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20250310

Quant Time: Mar 14 12:28:48 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)

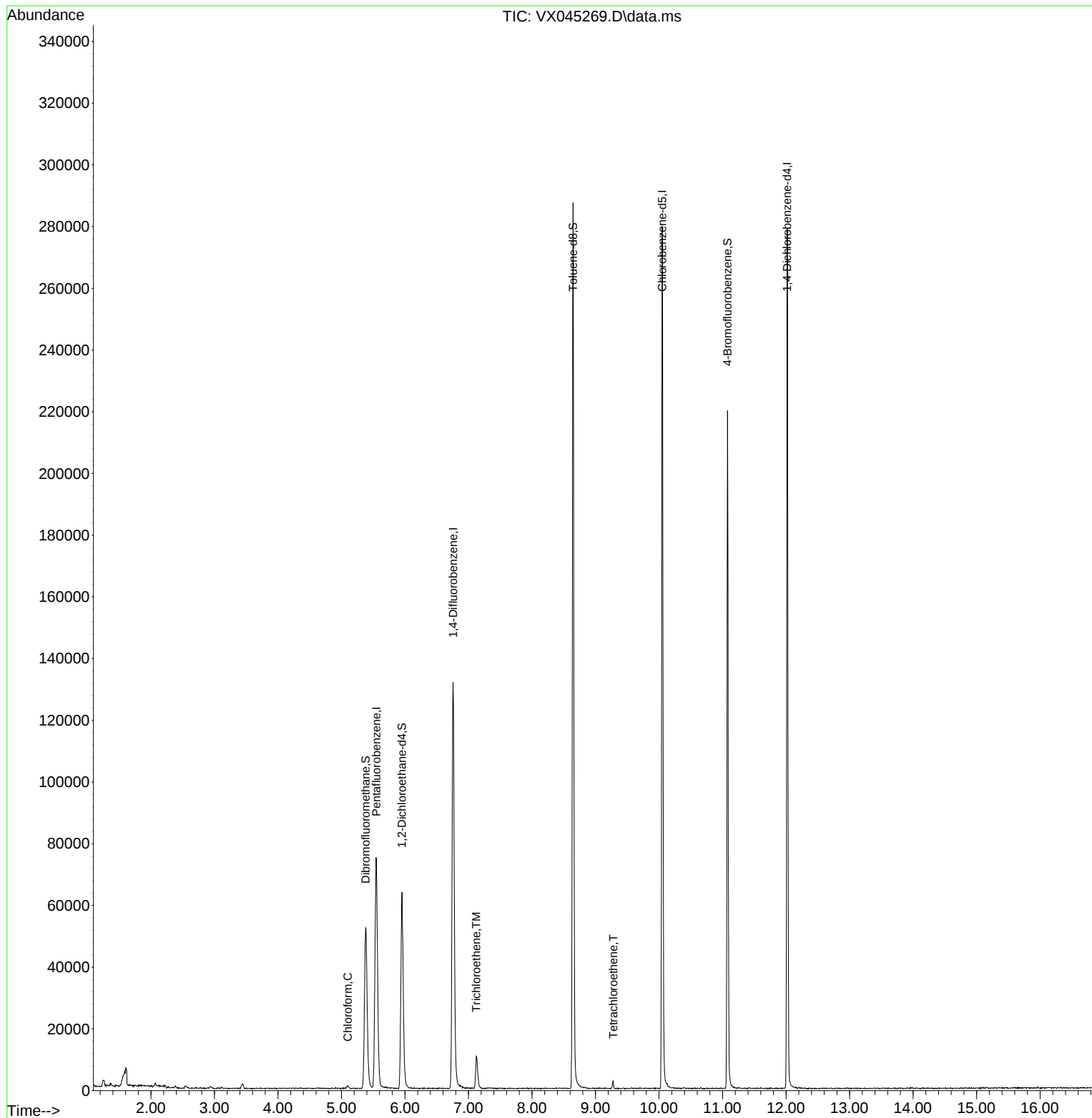
Internal Standards						
1) Pentafluorobenzene	5.550	168	66880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57782	54.315	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.640%		
35) Dibromofluoromethane	5.379	113	45842	51.962	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.920%		
50) Toluene-d8	8.647	98	162181	50.708	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.420%		
62) 4-Bromofluorobenzene	11.079	95	55641	52.500	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 105.000%		
Target Compounds						
						Qvalue
30) Chloroform	5.099	83	849	0.512	ug/l #	74
44) Trichloroethene	7.123	130	4200	4.682	ug/l	92
64) Tetrachloroethene	9.281	164	310	0.400	ug/l	94

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

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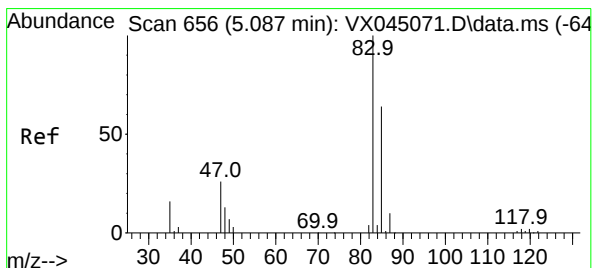
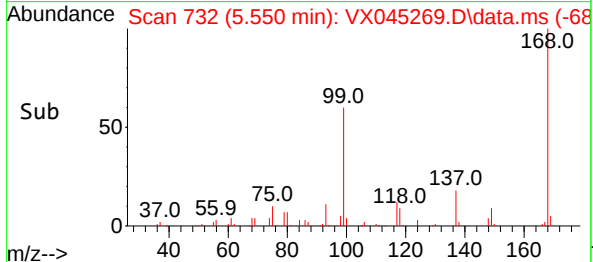
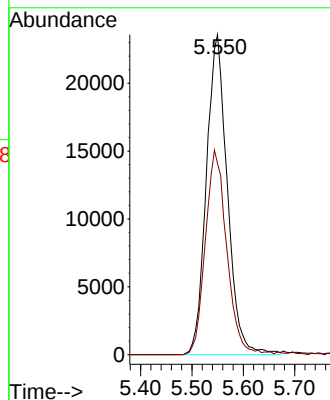
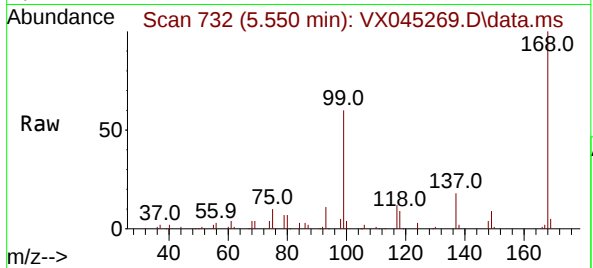




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

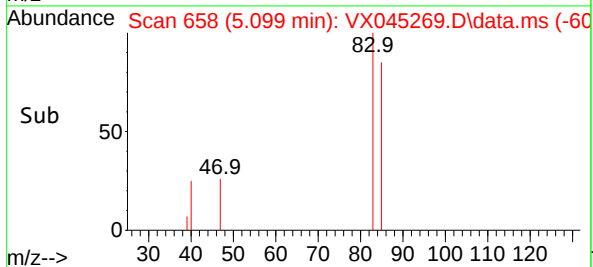
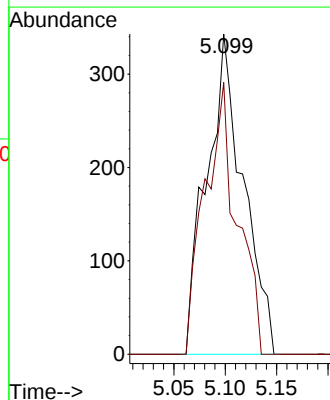
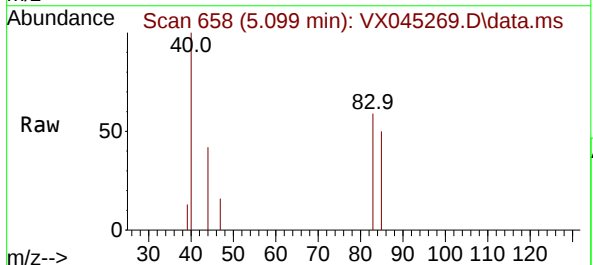
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

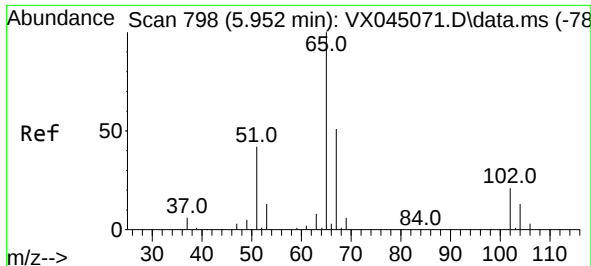
Tgt Ion:168 Resp: 66880
Ion Ratio Lower Upper
168 100
99 59.8 48.2 72.4



#30
Chloroform
Concen: 0.512 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Tgt Ion: 83 Resp: 849
Ion Ratio Lower Upper
83 100
85 84.8 51.4 77.2#





#33

1,2-Dichloroethane-d4

Concen: 54.315 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045269.D

Acq: 13 Mar 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

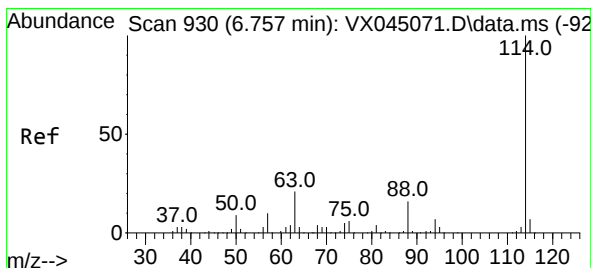
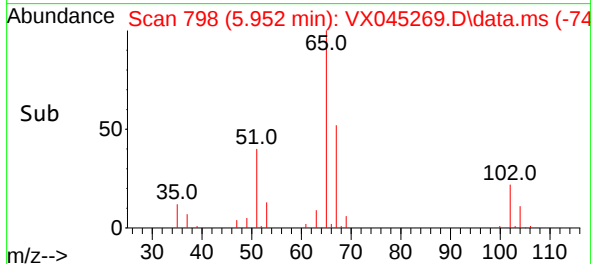
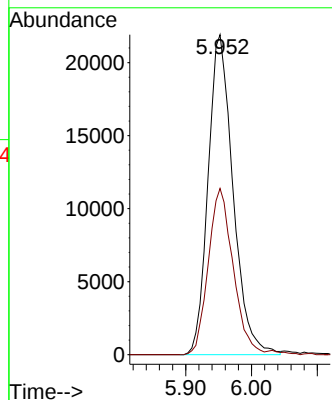
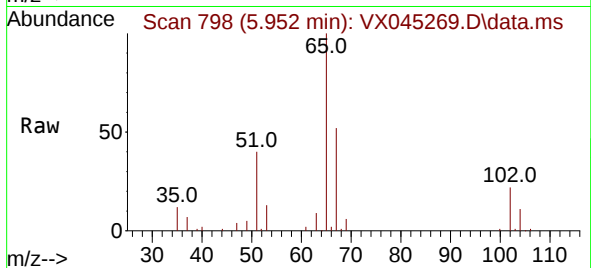
RE134D1-20250310

Tgt Ion: 65 Resp: 57782

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045269.D

Acq: 13 Mar 2025 15:10

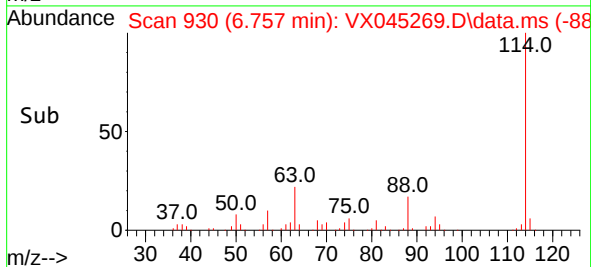
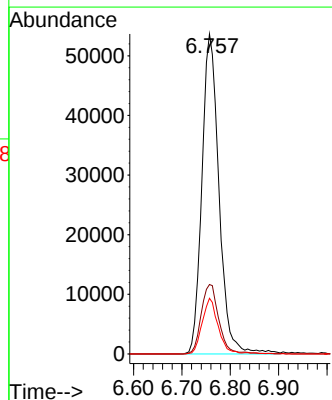
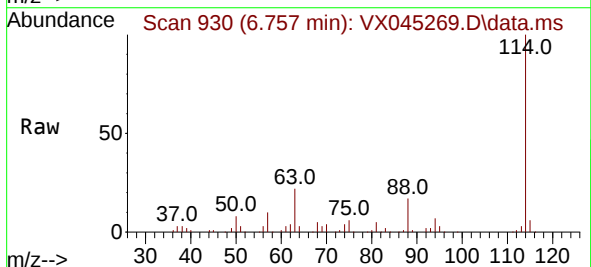
Tgt Ion: 114 Resp: 131935

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 17.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.962 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045269.D

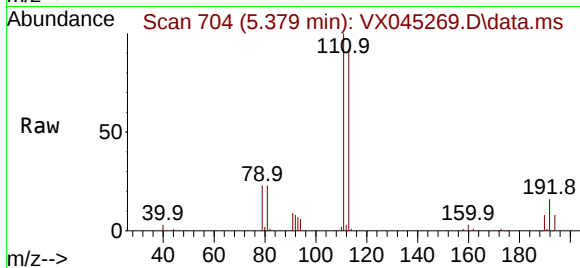
Acq: 13 Mar 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20250310



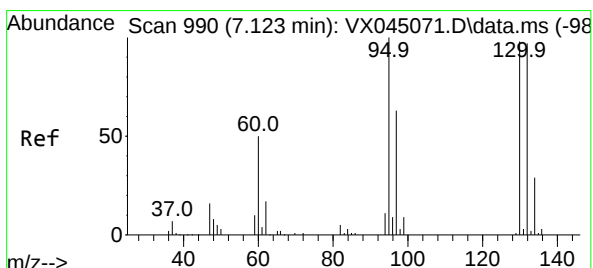
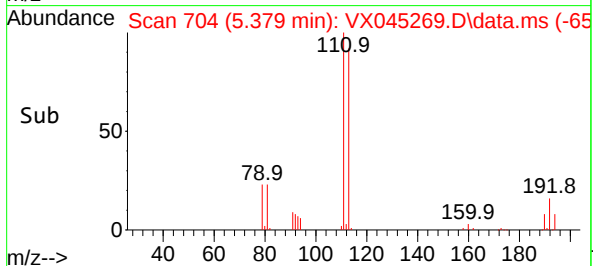
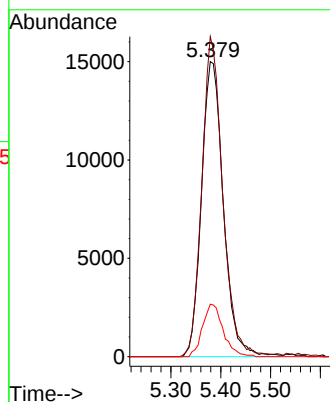
Tgt Ion:113 Resp: 45842

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

192 16.7 14.3 21.5



#44

Trichloroethene

Concen: 4.682 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX045269.D

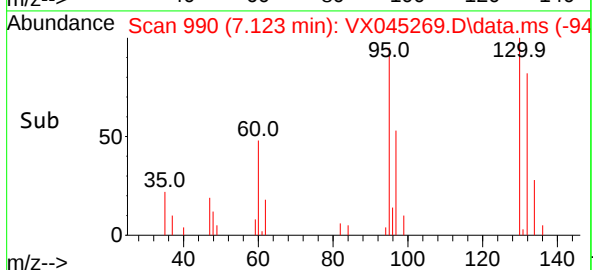
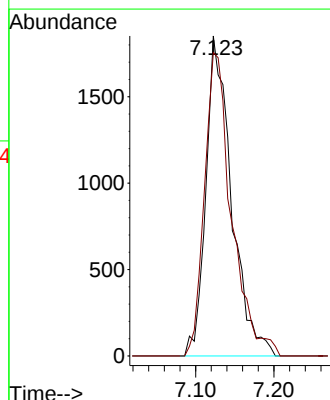
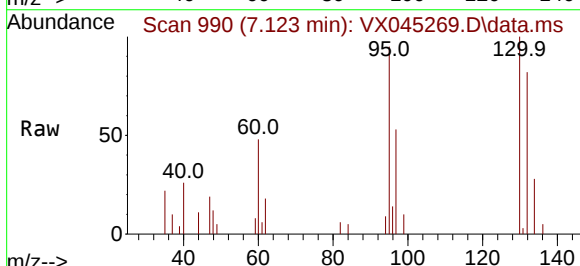
Acq: 13 Mar 2025 15:10

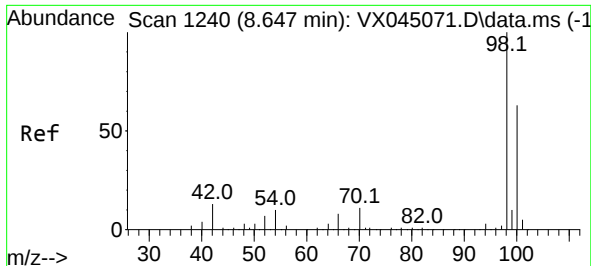
Tgt Ion:130 Resp: 4200

Ion Ratio Lower Upper

130 100

95 94.8 0.0 205.0

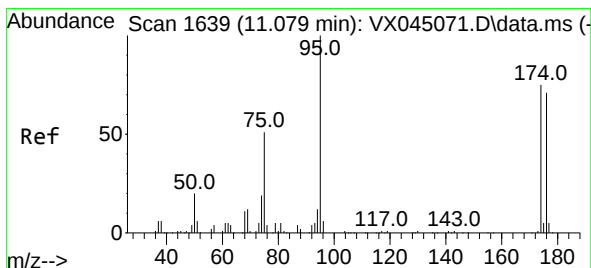
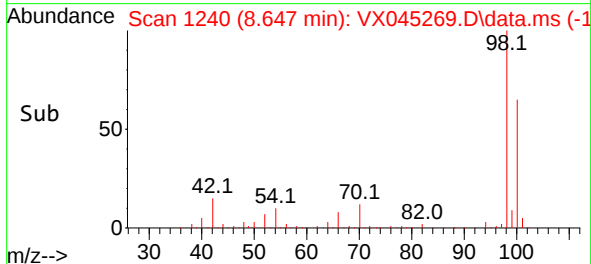
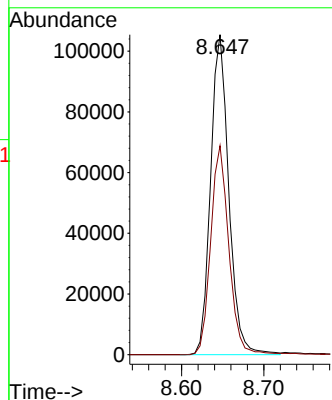
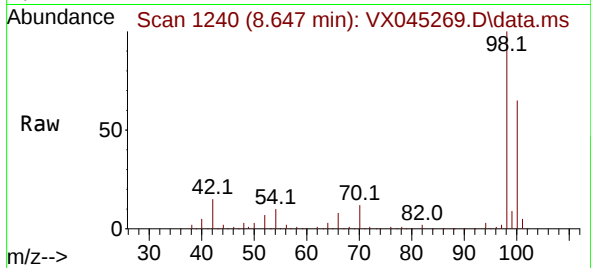




#50
Toluene-d8
Concen: 50.708 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

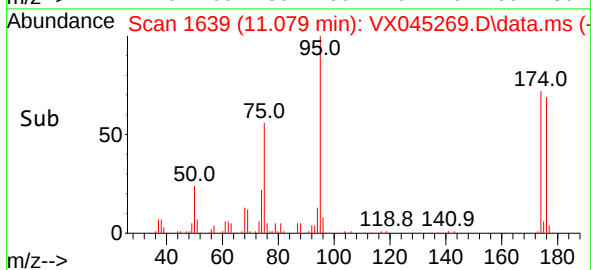
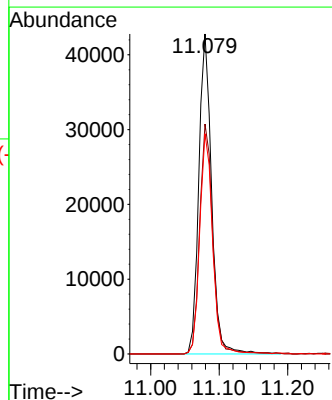
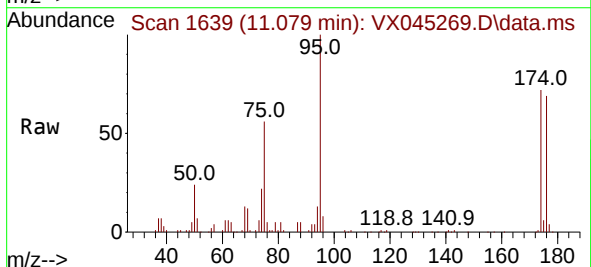
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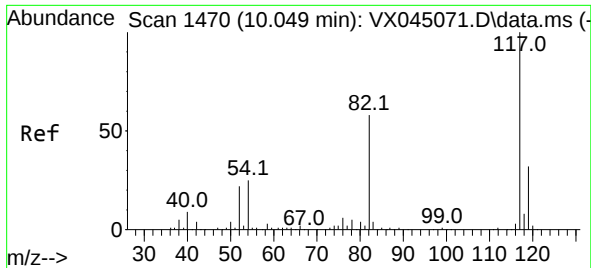
Tgt Ion: 98 Resp: 162181
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Tgt Ion: 95 Resp: 55641
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.2
176 69.4 0.0 141.4

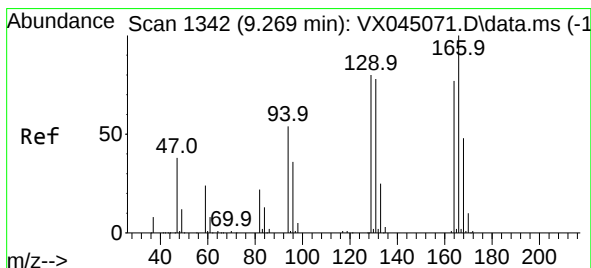
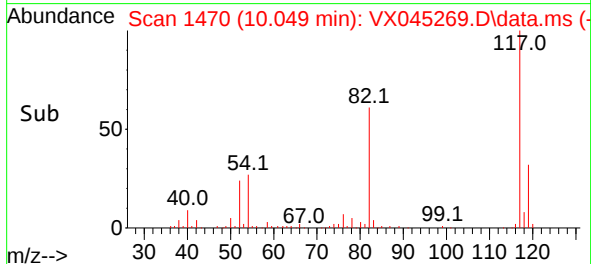
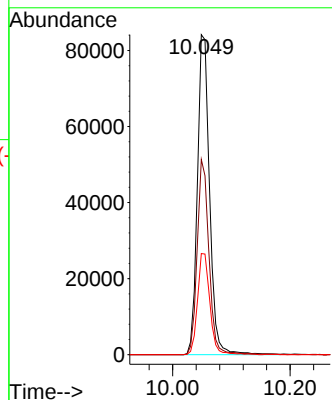
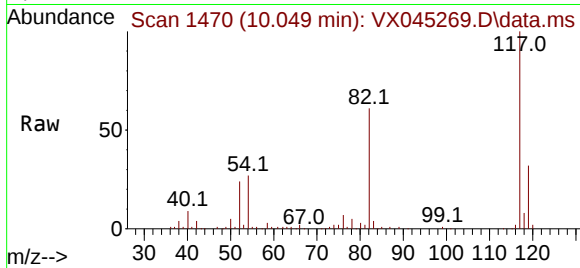




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

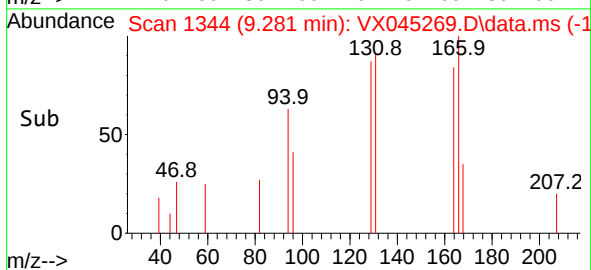
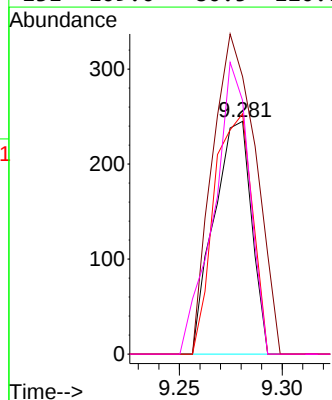
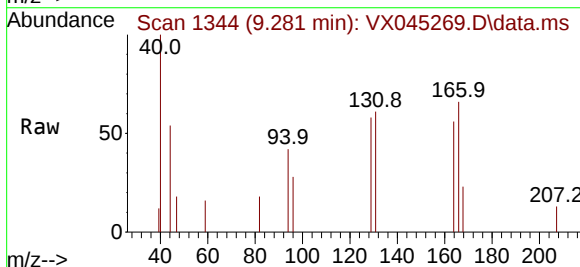
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20250310

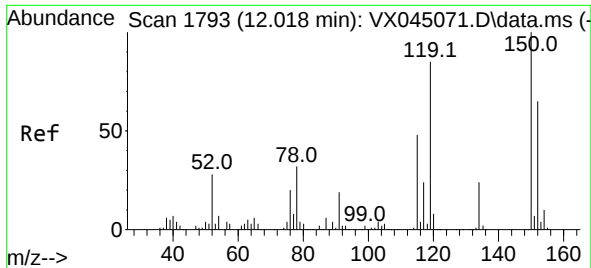
Tgt Ion:117 Resp: 120933
Ion Ratio Lower Upper
117 100
82 61.0 46.3 69.5
119 31.6 25.7 38.5



#64
Tetrachloroethene
Concen: 0.400 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.012 min
Lab File: VX045269.D
Acq: 13 Mar 2025 15:10

Tgt Ion:164 Resp: 310
Ion Ratio Lower Upper
164 100
166 119.2 103.6 155.4
129 103.3 82.7 124.1
131 109.0 80.5 120.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045269.D

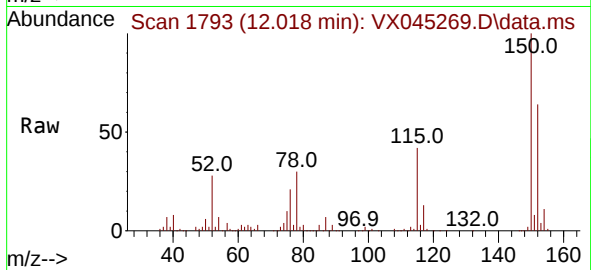
Acq: 13 Mar 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20250310



Tgt Ion:152 Resp: 51713

Ion Ratio Lower Upper

152 100

115 63.1 44.2 132.6

150 157.9 0.0 349.0

