

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045450.D
 Acq On : 25 Mar 2025 19:05
 Operator : JC/MD
 Sample : Q1629-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20250320

Quant Time: Mar 26 01:43:48 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)

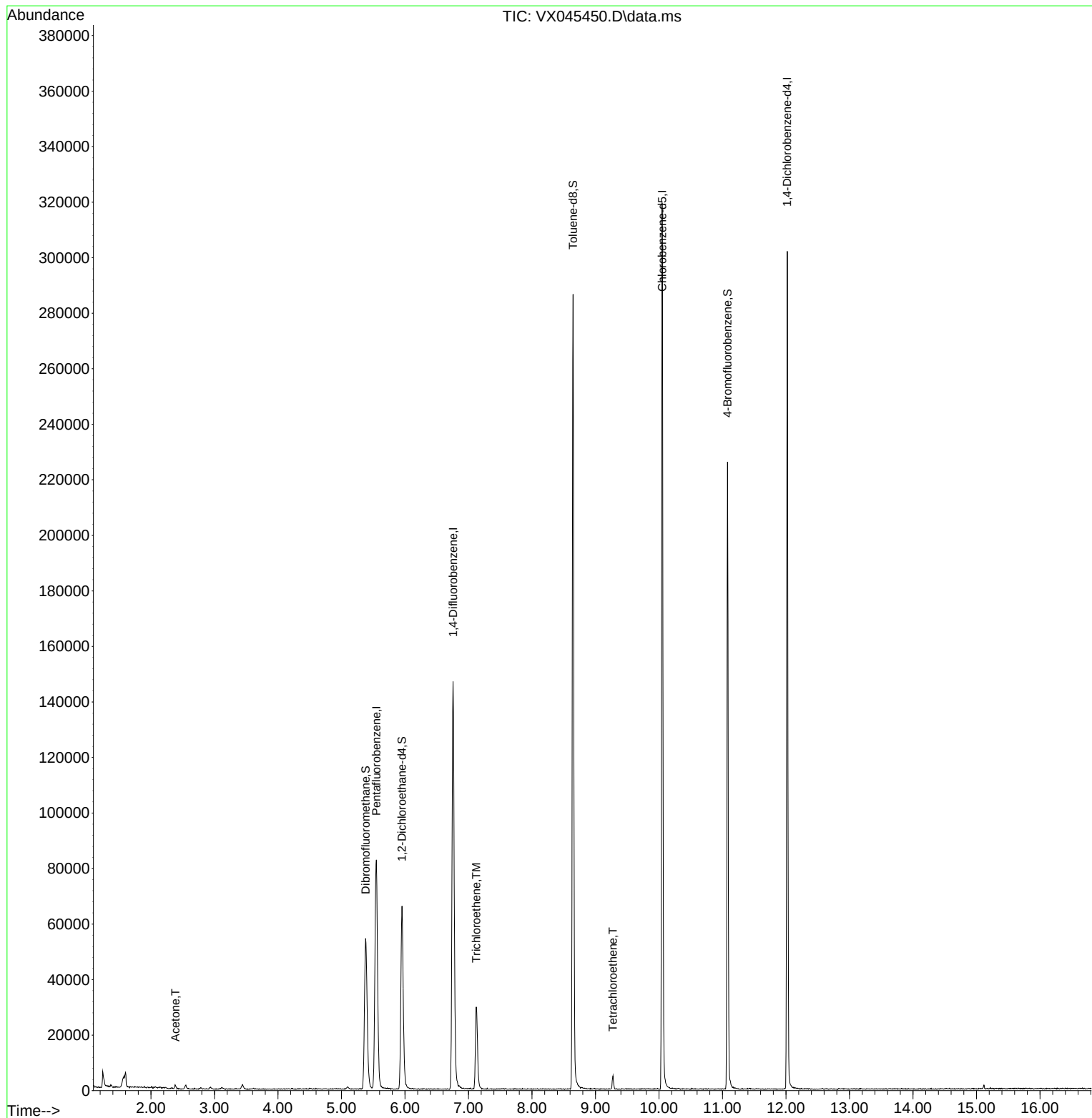
Internal Standards						
1) Pentafluorobenzene	5.550	168	71974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	142479	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62550	54.636	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.280%	
35) Dibromofluoromethane	5.379	113	47321	49.669	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.340%	
50) Toluene-d8	8.647	98	163441	47.320	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.640%	
62) 4-Bromofluorobenzene	11.079	95	58211	50.860	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.720%	
Target Compounds						
						Qvalue
16) Acetone	2.386	43	1314	2.474	ug/l	94
44) Trichloroethene	7.123	130	11230	11.592	ug/l	92
64) Tetrachloroethene	9.275	164	885	1.057	ug/l	84

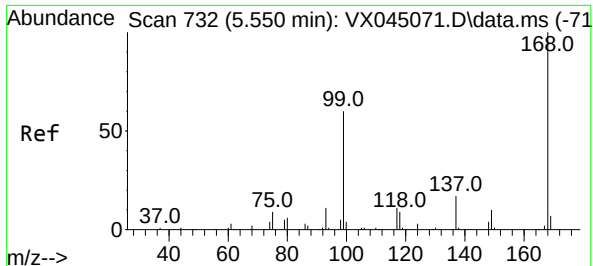
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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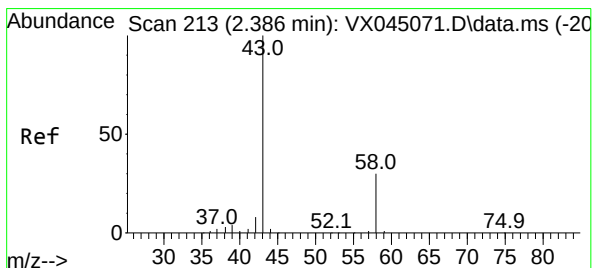
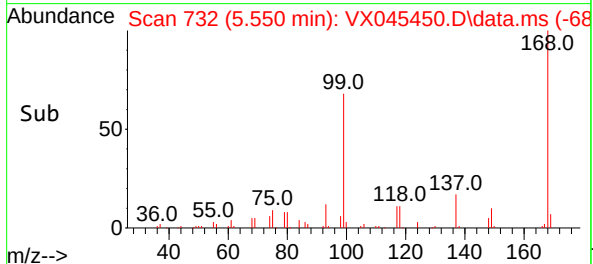
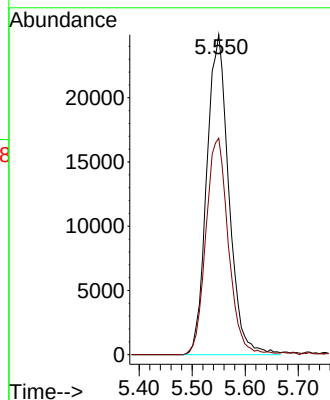
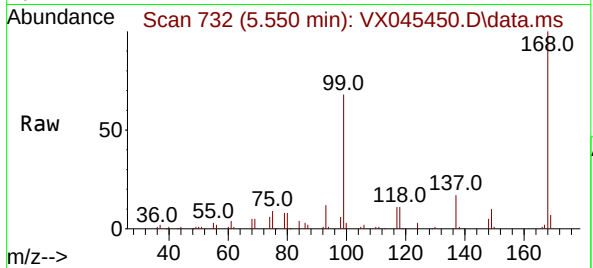




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

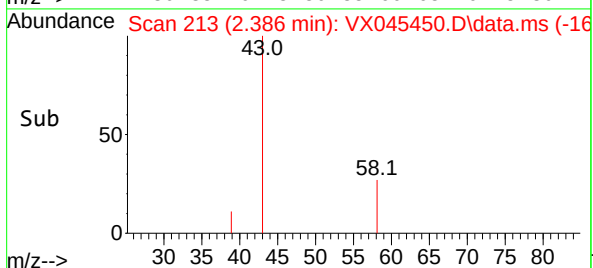
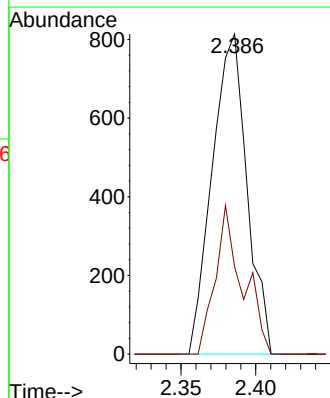
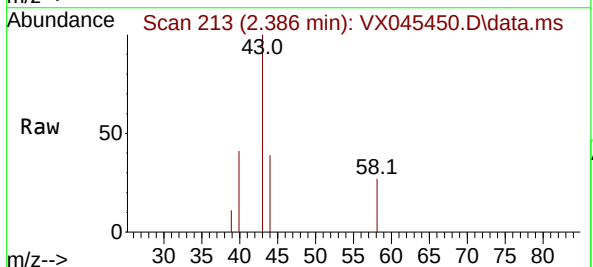
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250320

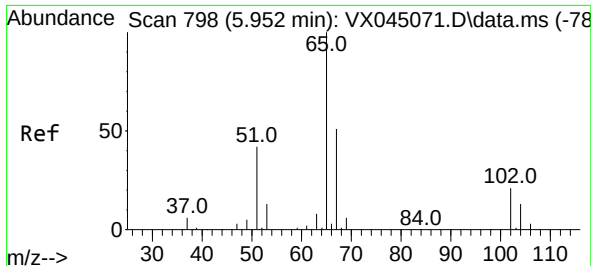
Tgt Ion:168 Resp: 71974
Ion Ratio Lower Upper
168 100
99 67.7 48.2 72.4



#16
Acetone
Concen: 2.474 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
58 27.3 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 54.636 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045450.D

Acq: 25 Mar 2025 19:05

Instrument :

MSVOA_X

ClientSampleId :

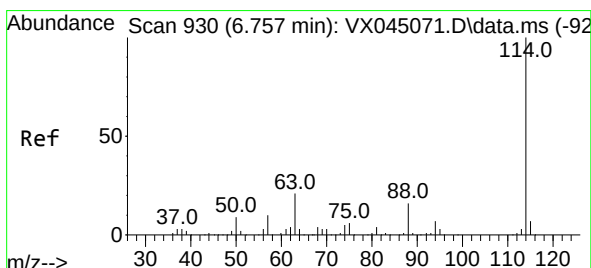
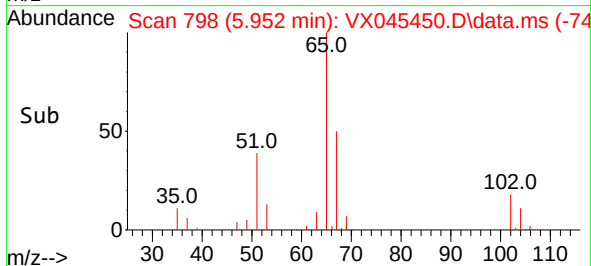
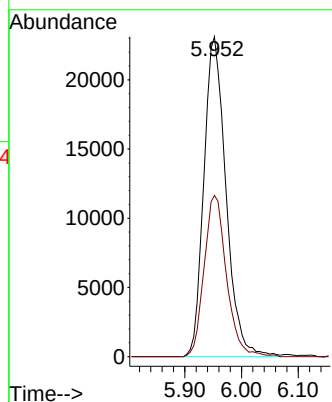
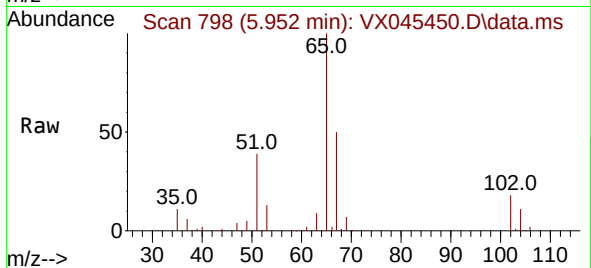
TT150S1-20250320

Tgt Ion: 65 Resp: 62550

Ion Ratio Lower Upper

65 100

67 51.0 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: VX045450.D

Acq: 25 Mar 2025 19:05

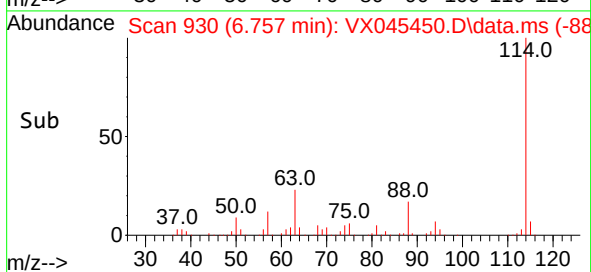
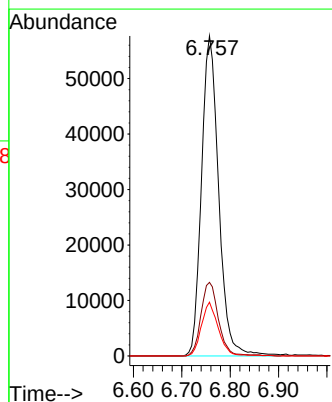
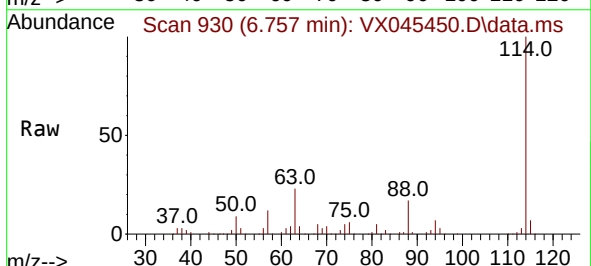
Tgt Ion: 114 Resp: 142479

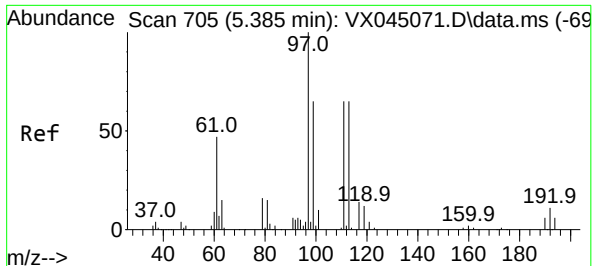
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

88 16.8 0.0 32.8

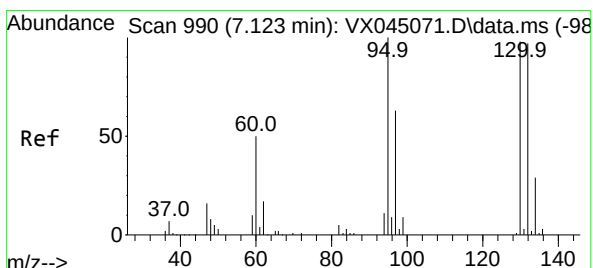
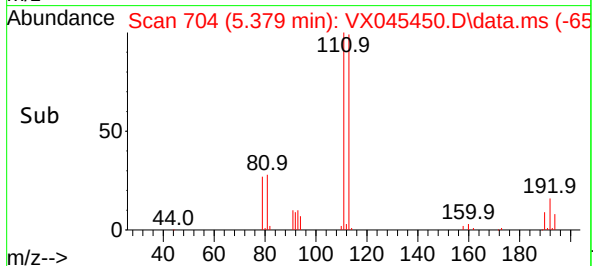
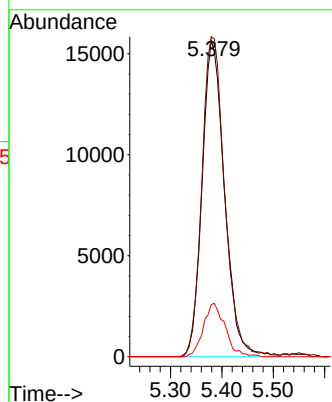
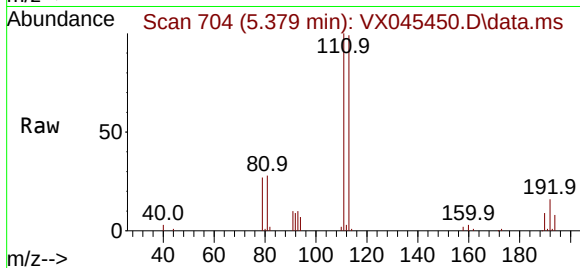




#35
Dibromofluoromethane
Concen: 49.669 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

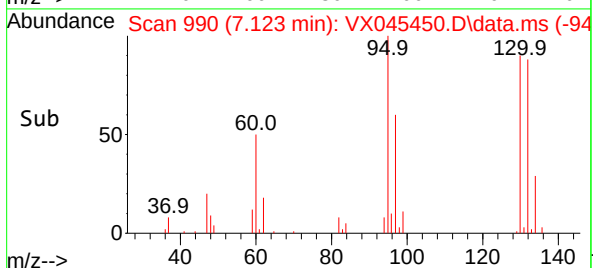
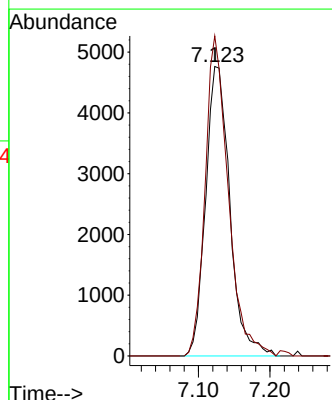
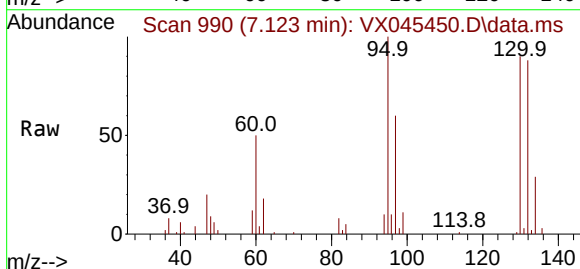
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250320

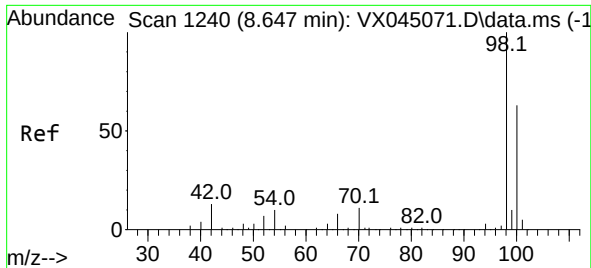
Tgt Ion:113 Resp: 47321
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 16.4 14.3 21.5



#44
Trichloroethene
Concen: 11.592 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

Tgt Ion:130 Resp: 11230
Ion Ratio Lower Upper
130 100
95 110.5 0.0 205.0

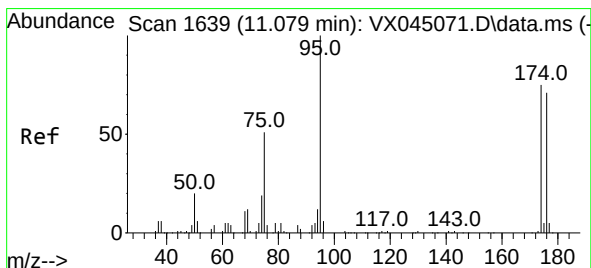
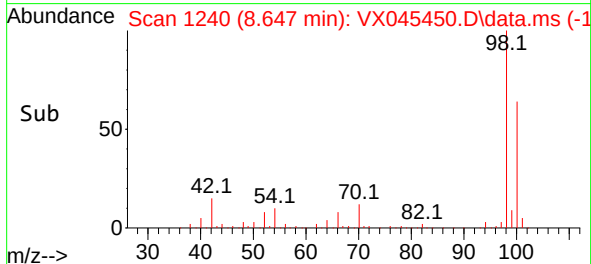
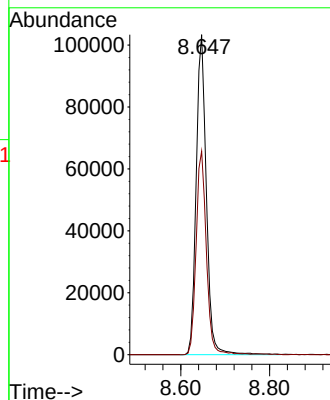
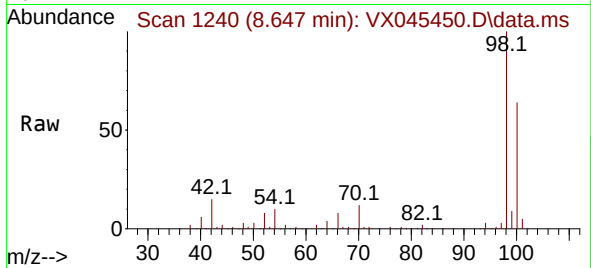




#50
Toluene-d8
Concen: 47.320 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

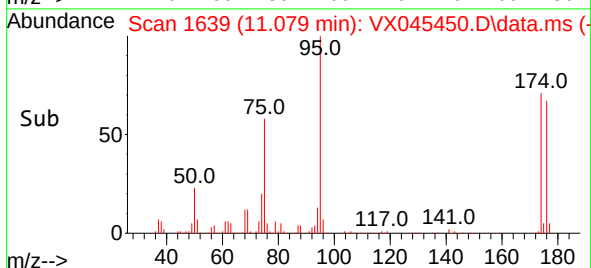
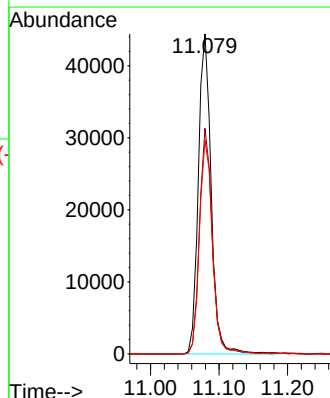
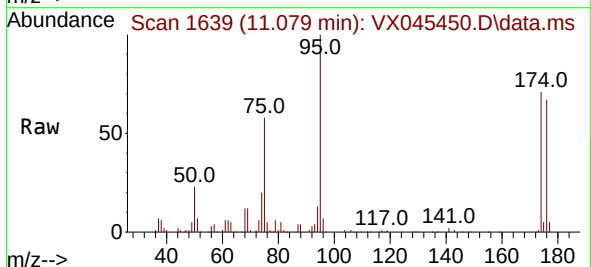
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250320

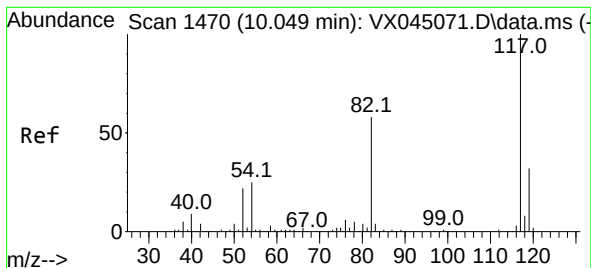
Tgt Ion: 98 Resp: 163441
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045450.D
Acq: 25 Mar 2025 19:05

Tgt Ion: 95 Resp: 58211
Ion Ratio Lower Upper
95 100
174 70.2 0.0 148.2
176 67.6 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: VX045450.D

Acq: 25 Mar 2025 19:05

Instrument :

MSVOA_X

ClientSampleId :

TT150S1-20250320

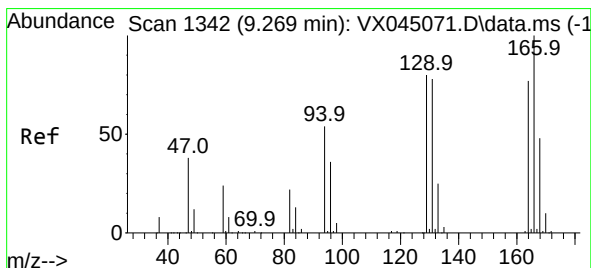
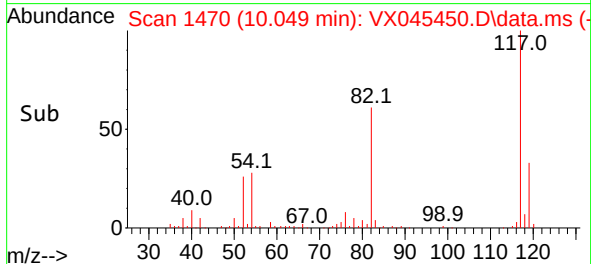
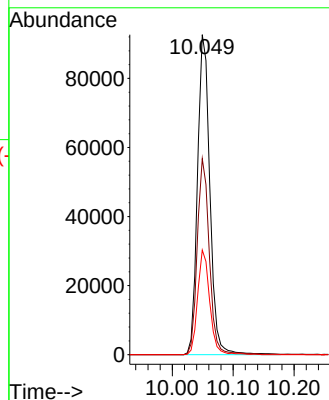
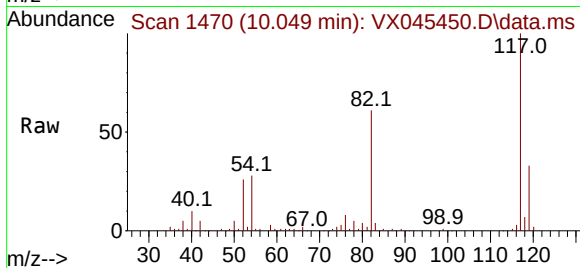
Tgt Ion:117 Resp: 130670

Ion Ratio Lower Upper

117 100

82 61.2 46.3 69.5

119 32.7 25.7 38.5



#64

Tetrachloroethene

Concen: 1.057 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX045450.D

Acq: 25 Mar 2025 19:05

Tgt Ion:164 Resp: 885

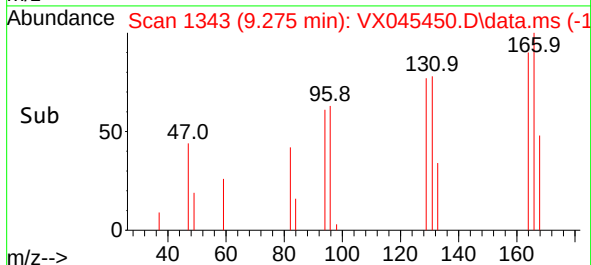
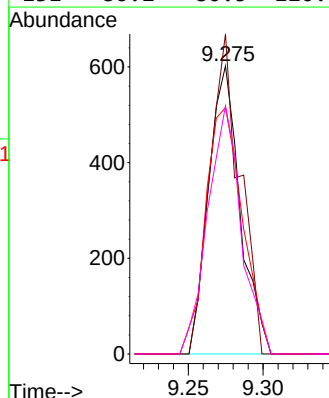
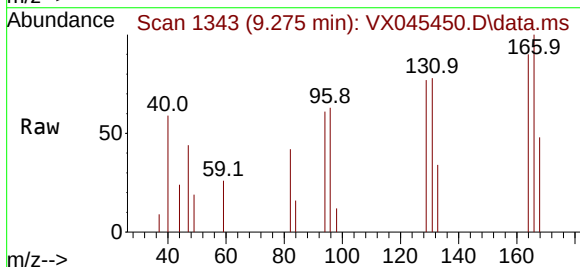
Ion Ratio Lower Upper

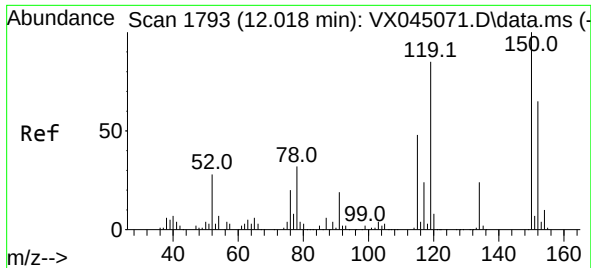
164 100

166 111.1 103.6 155.4

129 85.5 82.7 124.1

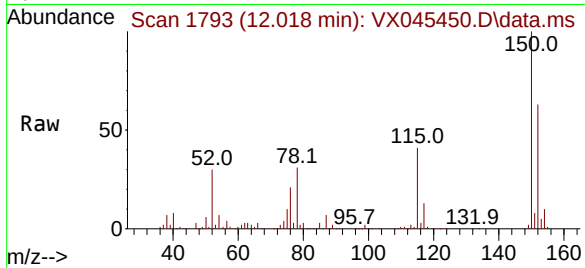
131 86.2 80.5 120.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045450.D
 Acq: 25 Mar 2025 19:05

Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20250320



Tgt Ion:152 Resp: 55180
 Ion Ratio Lower Upper
 152 100
 115 63.4 44.2 132.6
 150 156.3 0.0 349.0

