

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045390.D
 Acq On : 21 Mar 2025 16:01
 Operator : JC/MD
 Sample : Q1582-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20250313

Quant Time: Mar 21 23:17:12 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)

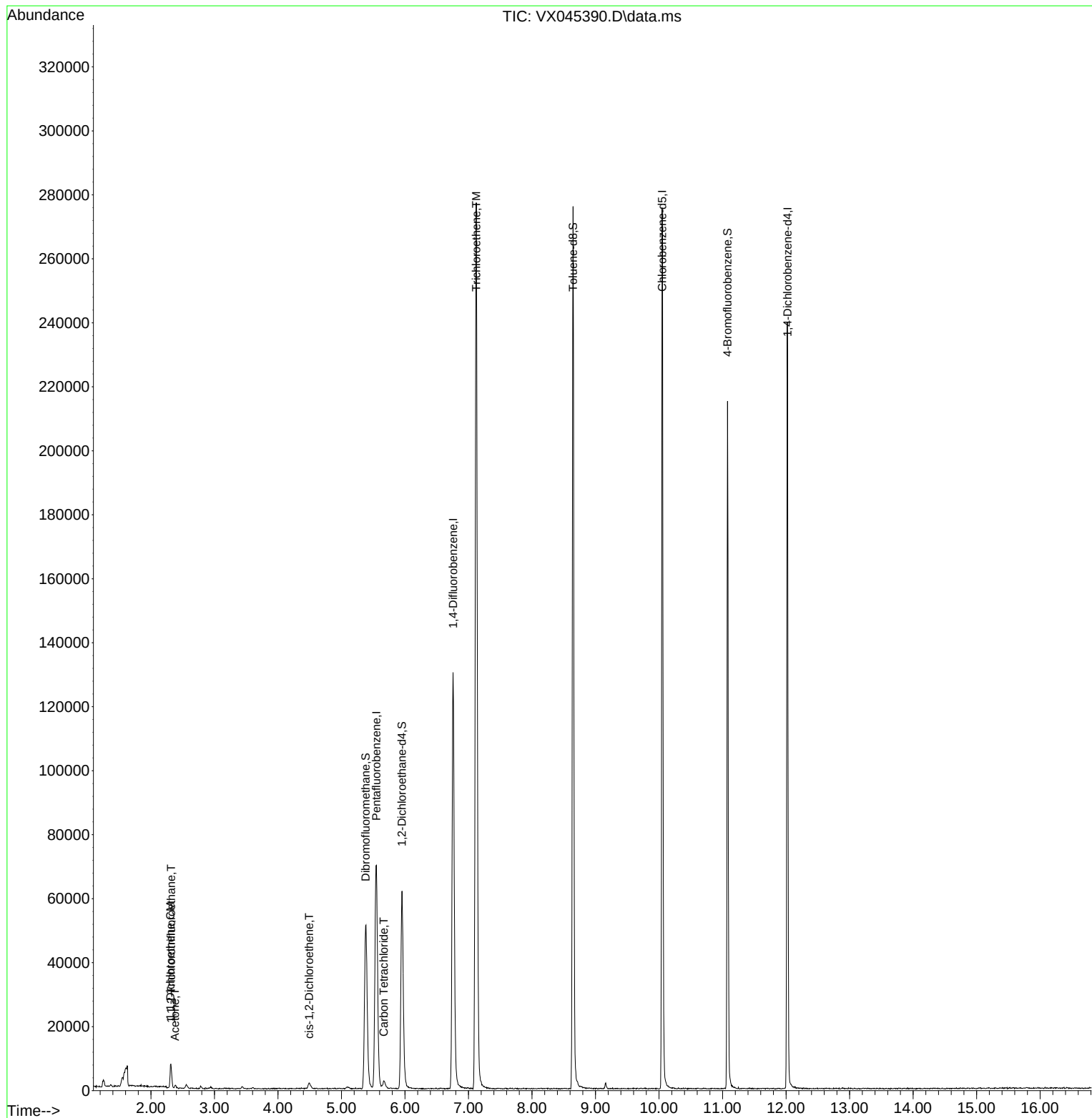
Internal Standards						
1) Pentafluorobenzene	5.550	168	63852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59005	58.095	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.200%	
35) Dibromofluoromethane	5.379	113	45337	53.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.640%	
50) Toluene-d8	8.647	98	159070	52.089	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.180%	
62) 4-Bromofluorobenzene	11.079	95	53287	52.658	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.320%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	1325	1.785	ug/l	92
12) 1,1-Dichloroethene	2.306	96	1639	2.089	ug/l	95
16) Acetone	2.380	43	1213	2.574	ug/l #	77
27) cis-1,2-Dichloroethene	4.489	96	1231	1.286	ug/l	98
38) Carbon Tetrachloride	5.665	117	1874	1.598	ug/l #	88
44) Trichloroethene	7.123	130	101748	118.789	ug/l	95

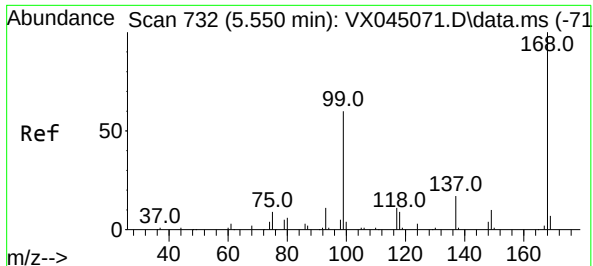
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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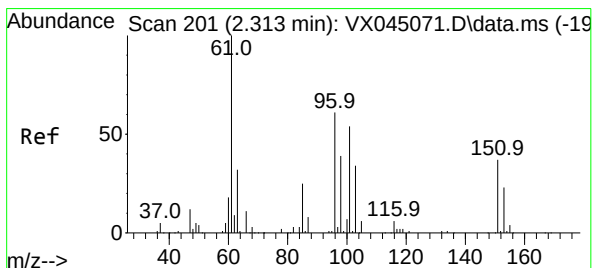
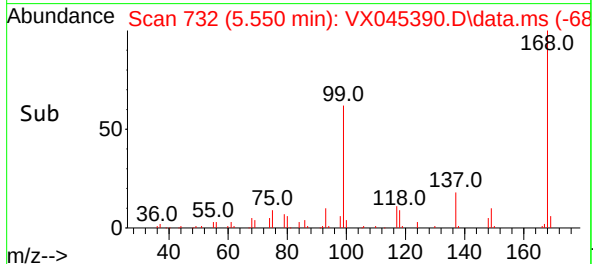
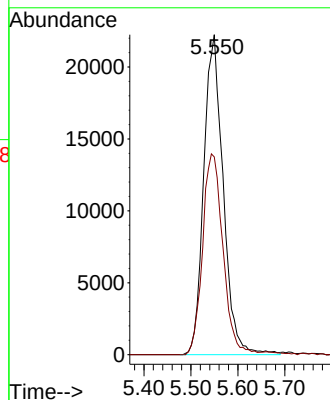
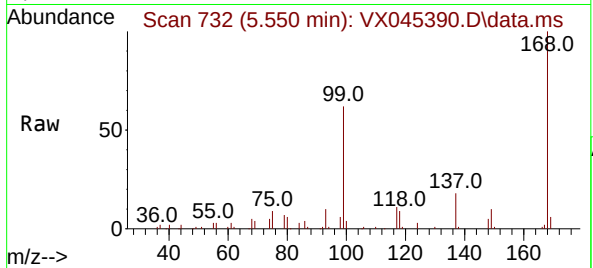




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045390.D
Acq: 21 Mar 2025 16:01

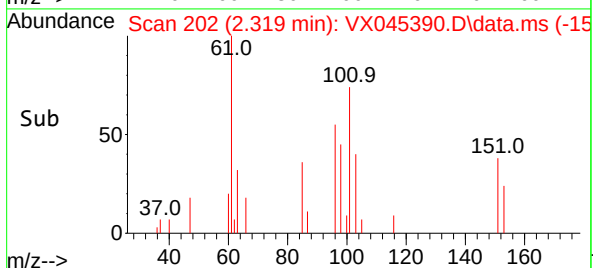
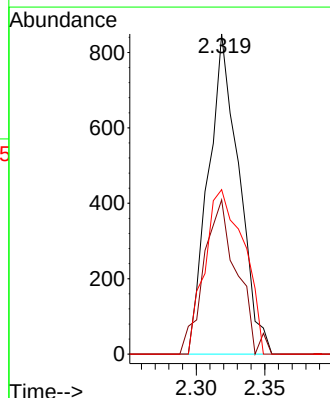
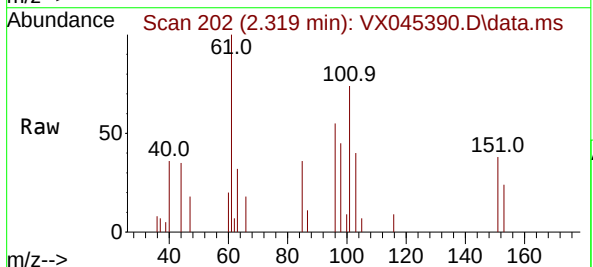
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20250313

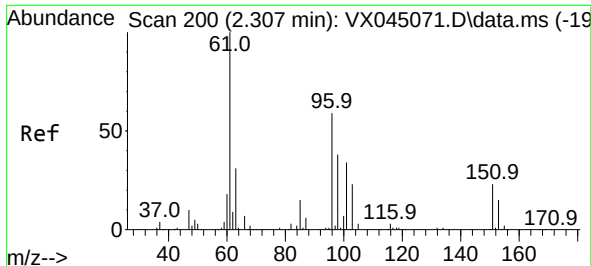
Tgt Ion:168 Resp: 63852
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.785 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045390.D
Acq: 21 Mar 2025 16:01

Tgt Ion:101 Resp: 1325
Ion Ratio Lower Upper
101 100
85 52.0 36.2 54.4
151 65.4 56.4 84.6





#12

1,1-Dichloroethene

Concen: 2.089 ug/l

RT: 2.306 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX045390.D

Acq: 21 Mar 2025 16:01

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20250313

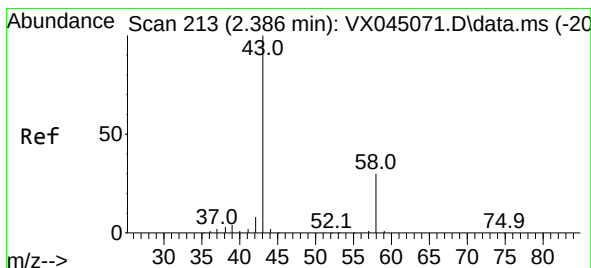
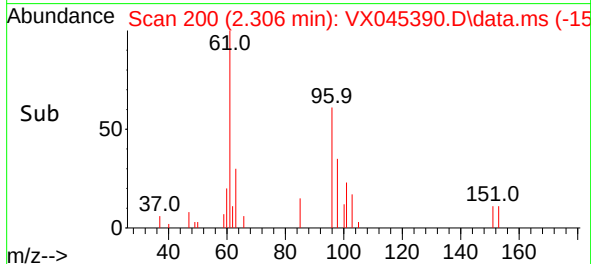
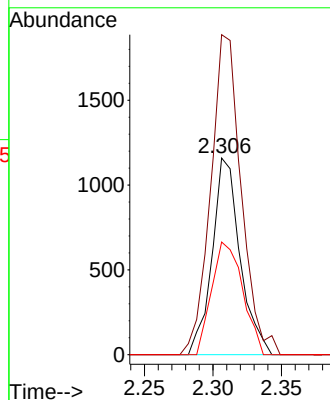
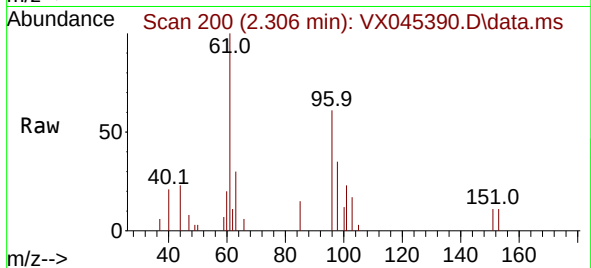
Tgt Ion: 96 Resp: 1639

Ion Ratio Lower Upper

96 100

61 162.8 134.6 202.0

98 57.3 51.0 76.6



#16

Acetone

Concen: 2.574 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045390.D

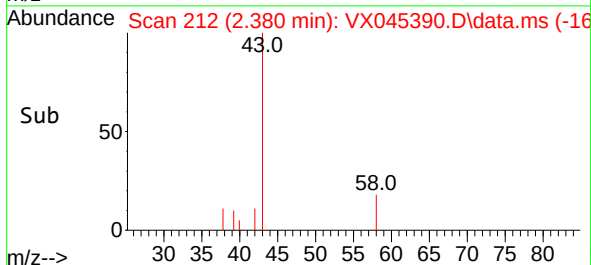
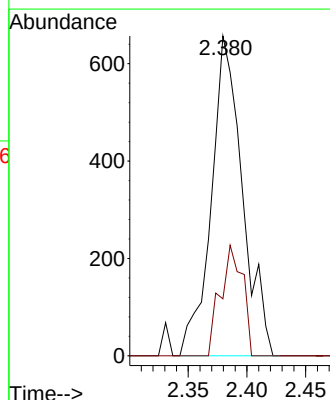
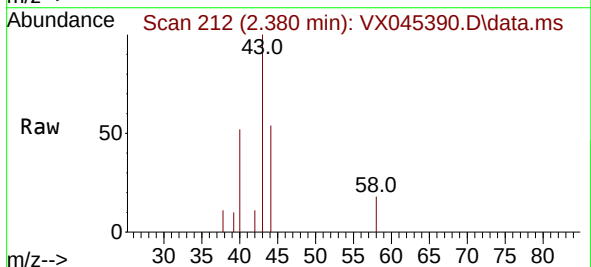
Acq: 21 Mar 2025 16:01

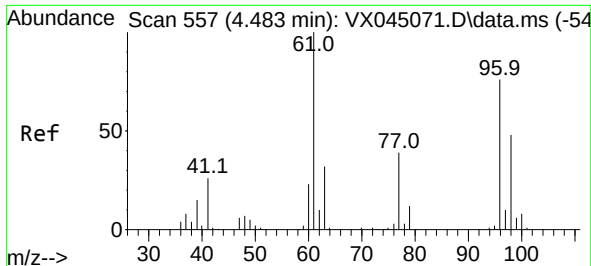
Tgt Ion: 43 Resp: 1213

Ion Ratio Lower Upper

43 100

58 17.8 24.2 36.4#





#27

cis-1,2-Dichloroethene

Concen: 1.286 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX045390.D

Acq: 21 Mar 2025 16:01

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20250313

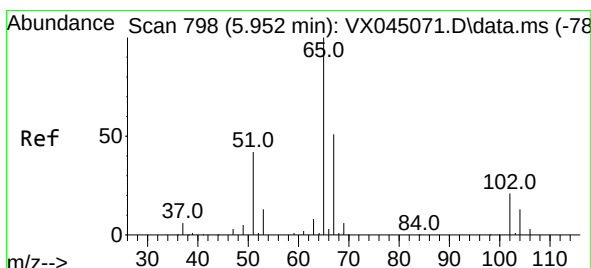
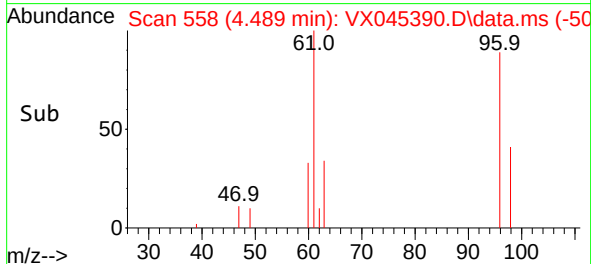
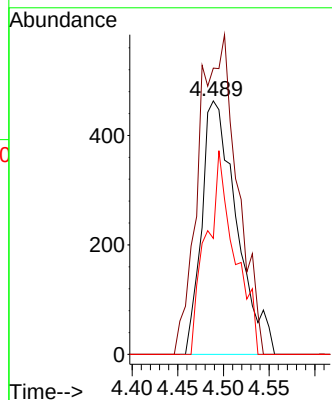
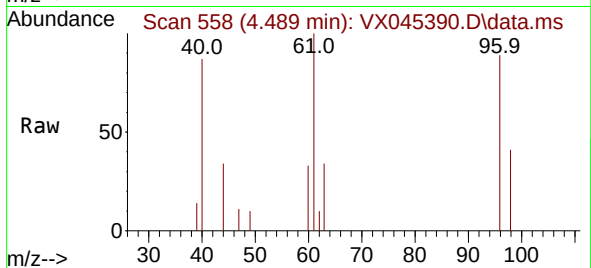
Tgt Ion: 96 Resp: 1231

Ion Ratio Lower Upper

96 100

61 139.2 0.0 283.2

98 65.0 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 58.095 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045390.D

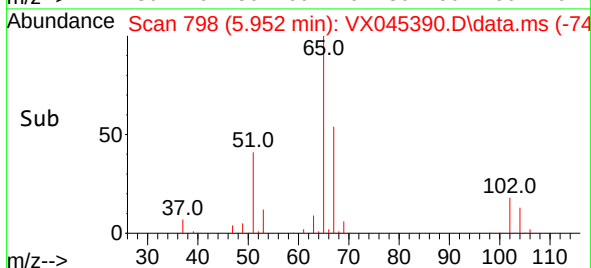
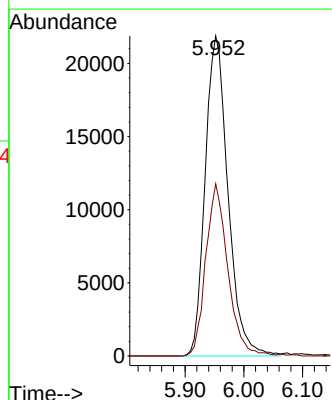
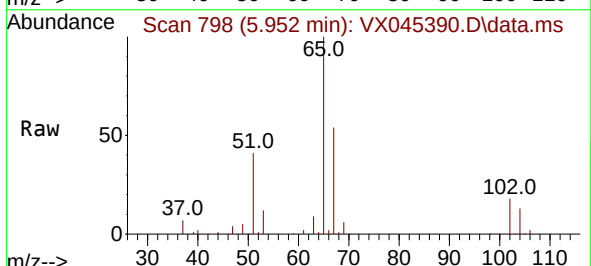
Acq: 21 Mar 2025 16:01

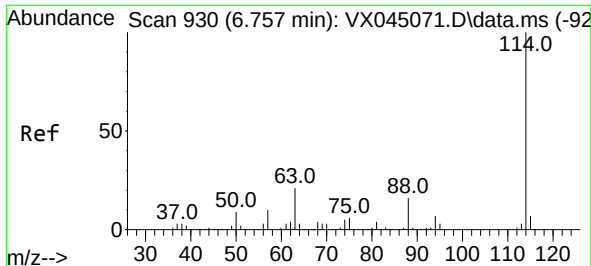
Tgt Ion: 65 Resp: 59005

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.2

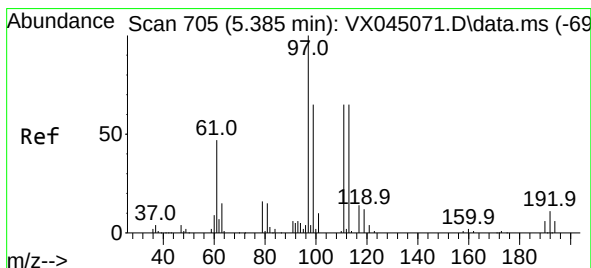
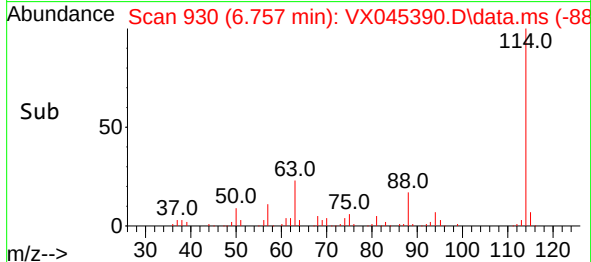
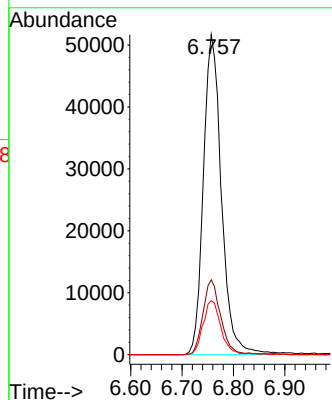
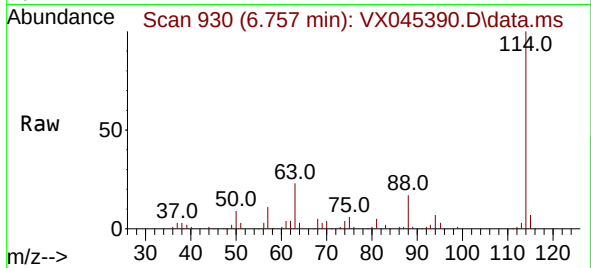




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045390.D
Acq: 21 Mar 2025 16:01

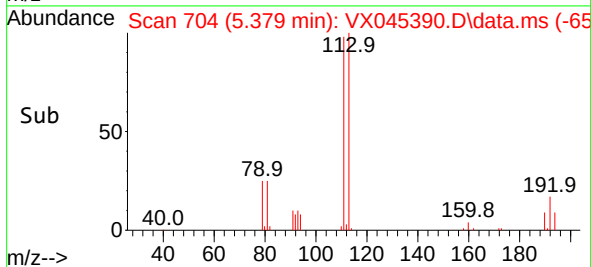
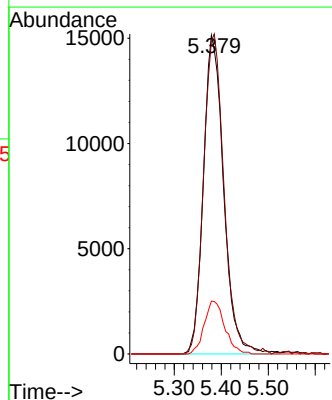
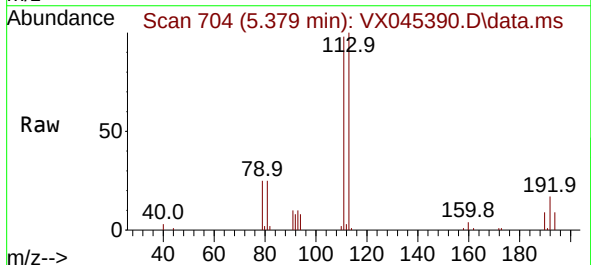
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20250313

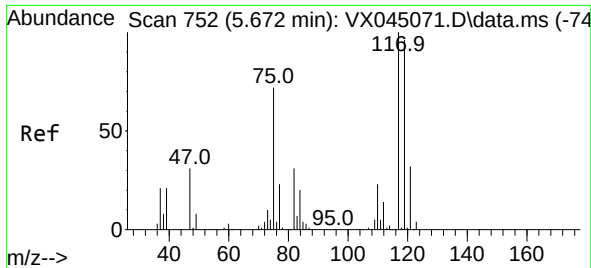
Tgt Ion:114 Resp: 125973
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.822 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045390.D
Acq: 21 Mar 2025 16:01

Tgt Ion:113 Resp: 45337
Ion Ratio Lower Upper
113 100
111 100.5 81.8 122.6
192 16.8 14.3 21.5

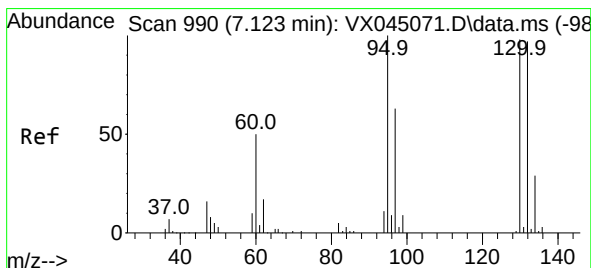
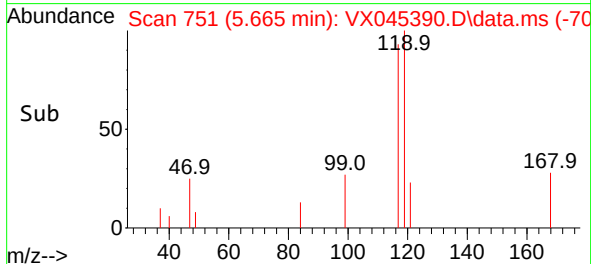
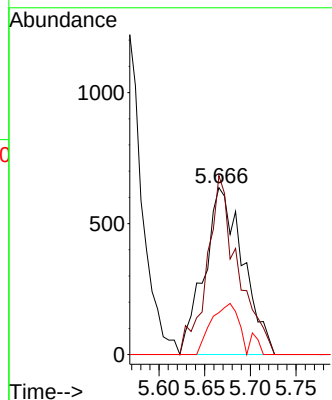
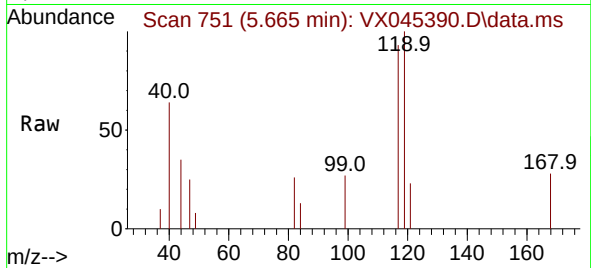




#38
Carbon Tetrachloride
Concen: 1.598 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045390.D
Acq: 21 Mar 2025 16:01

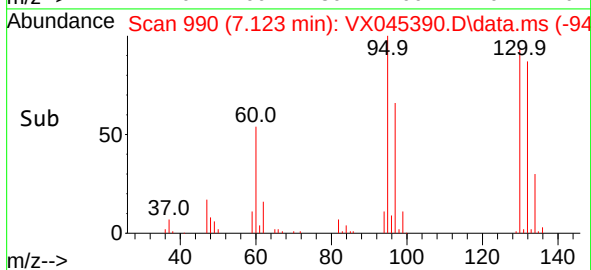
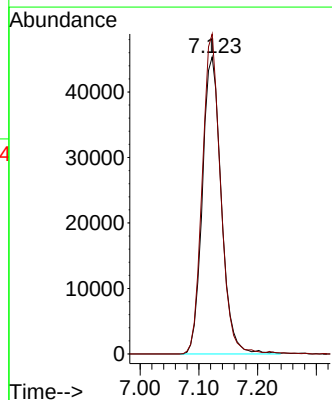
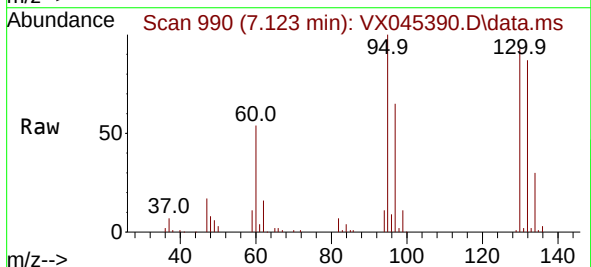
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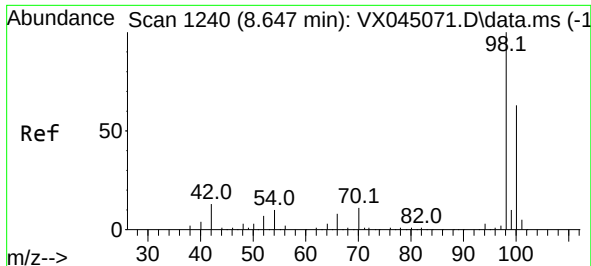
Tgt Ion:117 Resp: 1874
Ion Ratio Lower Upper
117 100
119 107.2 76.7 115.1
121 25.1 25.5 38.3#



#44
Trichloroethene
Concen: 118.789 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045390.D
Acq: 21 Mar 2025 16:01

Tgt Ion:130 Resp: 101748
Ion Ratio Lower Upper
130 100
95 107.7 0.0 205.0

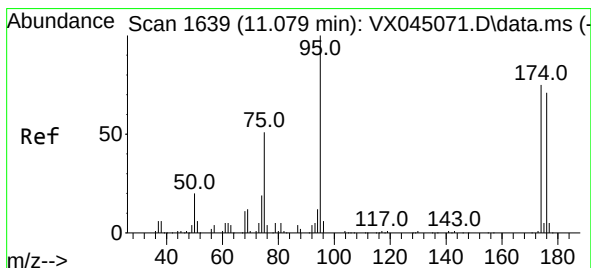
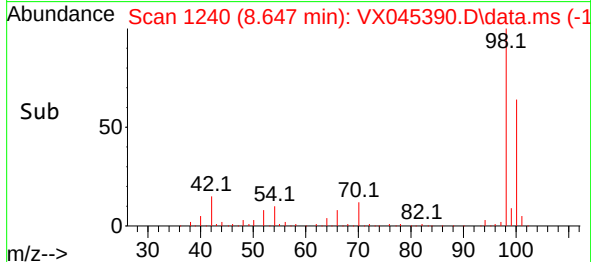
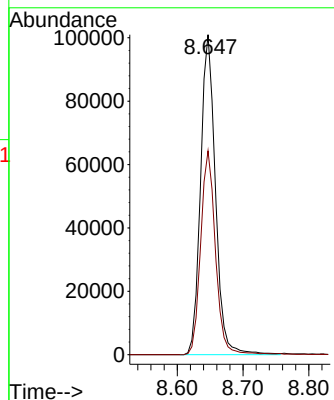
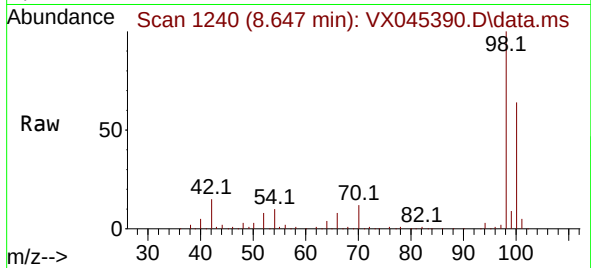




#50
Toluene-d8
Concen: 52.089 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045390.D
Acq: 21 Mar 2025 16:01

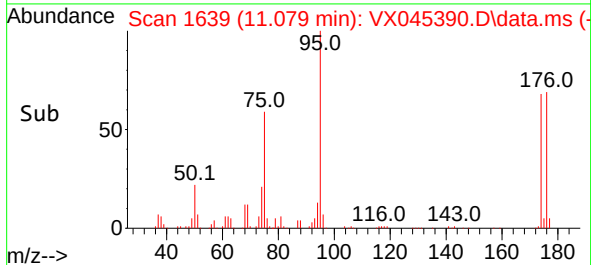
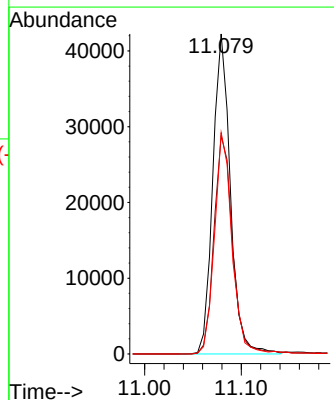
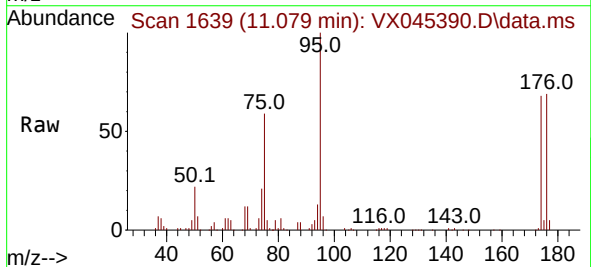
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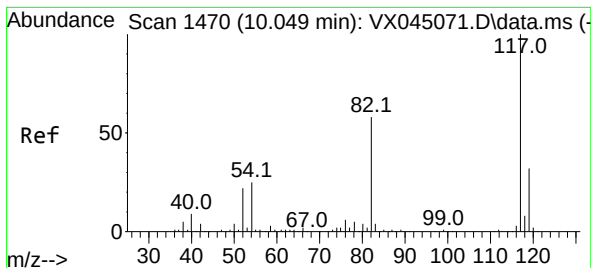
Tgt Ion: 98 Resp: 159070
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.658 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045390.D
Acq: 21 Mar 2025 16:01

Tgt Ion: 95 Resp: 53287
Ion Ratio Lower Upper
95 100
174 72.2 0.0 148.2
176 69.8 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: VX045390.D

Acq: 21 Mar 2025 16:01

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20250313

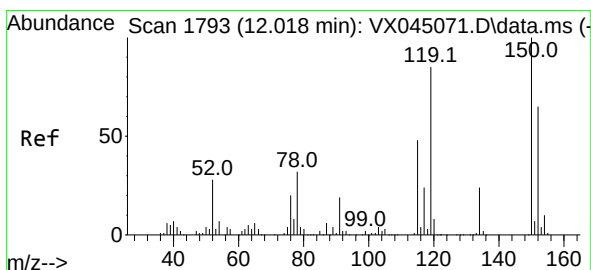
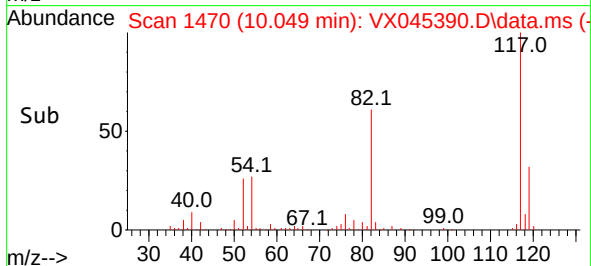
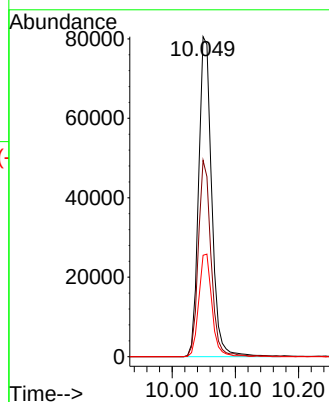
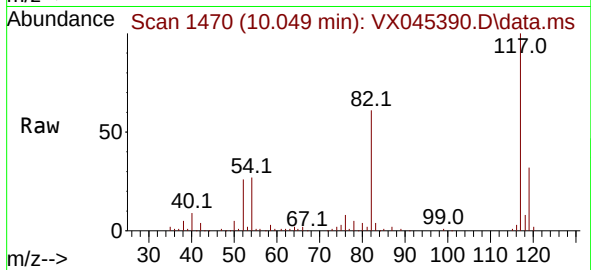
Tgt Ion:117 Resp: 116271

Ion Ratio Lower Upper

117 100

82 61.4 46.3 69.5

119 31.7 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX045390.D

Acq: 21 Mar 2025 16:01

Tgt Ion:152 Resp: 46151

Ion Ratio Lower Upper

152 100

115 64.1 44.2 132.6

150 156.3 0.0 349.0

