

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045420.D
 Acq On : 24 Mar 2025 17:14
 Operator : JC/MD
 Sample : Q1608-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-20250319

Quant Time: Mar 25 01:37:39 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)

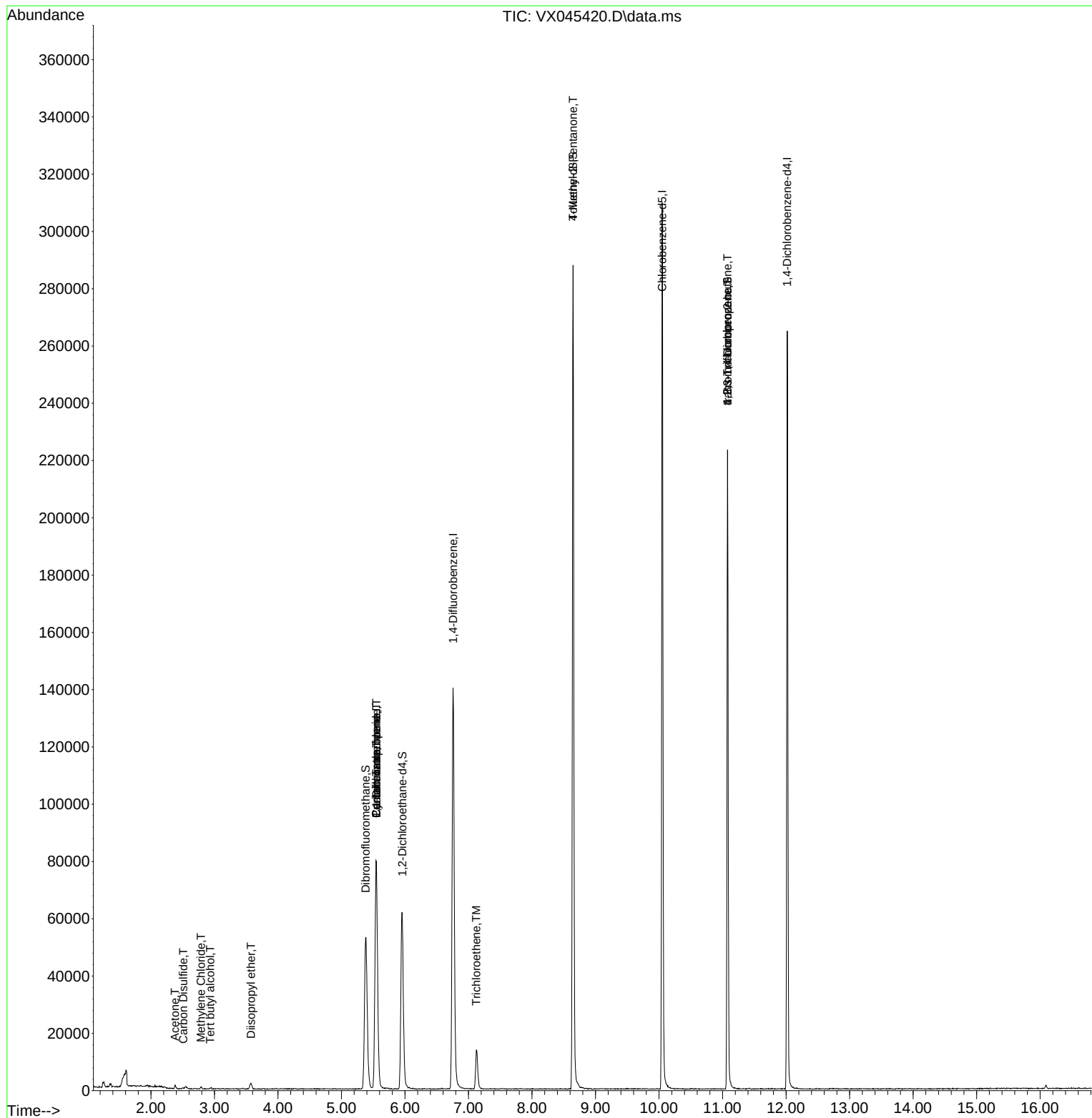
Internal Standards						
1) Pentafluorobenzene	5.550	168	69702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134926	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62103	56.014	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.020%			
35) Dibromofluoromethane	5.379	113	47129	52.237	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.480%			
50) Toluene-d8	8.647	98	164753	50.370	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.740%			
62) 4-Bromofluorobenzene	11.079	95	57684	53.221	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.440%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.934	59	105	0.500	ug/l #	73
16) Acetone	2.380	43	1210	2.352	ug/l	99
17) Carbon Disulfide	2.508	76	521	0.228	ug/l #	77
20) Methylene Chloride	2.788	84	251	0.246	ug/l #	85
22) Diisopropyl ether	3.574	45	1153	0.372	ug/l #	8
31) Cyclohexane	5.550	56	2025	1.342	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	7044	5.693	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8117	6.462	ug/l #	15
44) Trichloroethene	7.123	130	5669	6.179	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	916	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32796	28.113	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32796	96.206	ug/l #	6

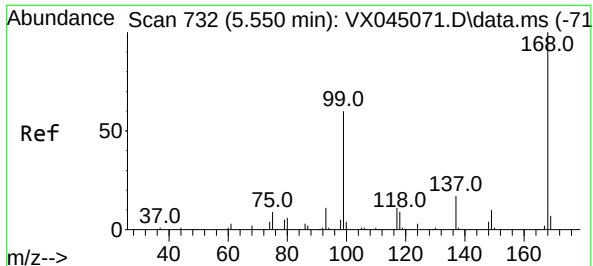
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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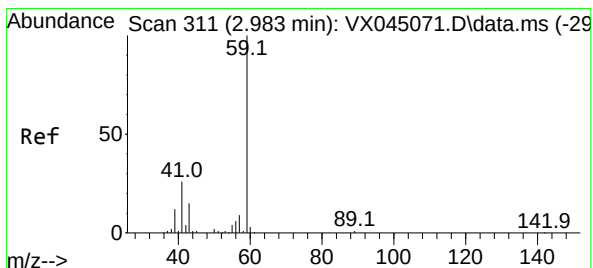
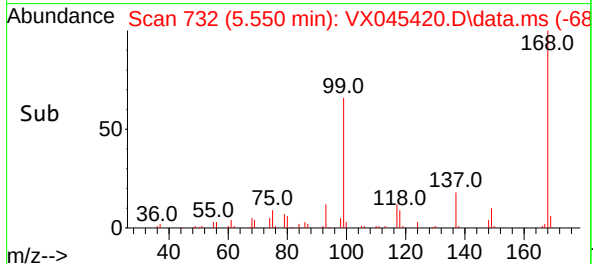
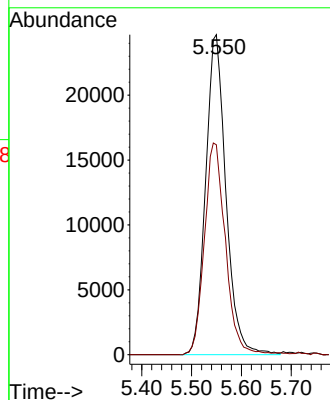
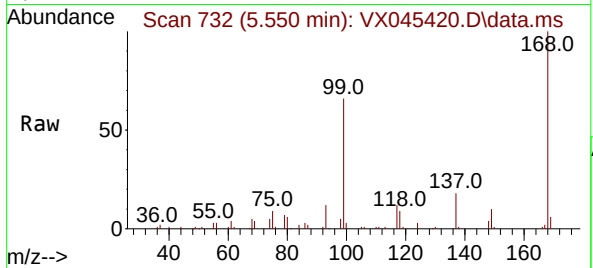




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045420.D
Acq: 24 Mar 2025 17:14

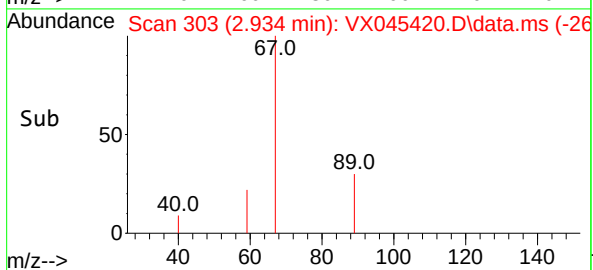
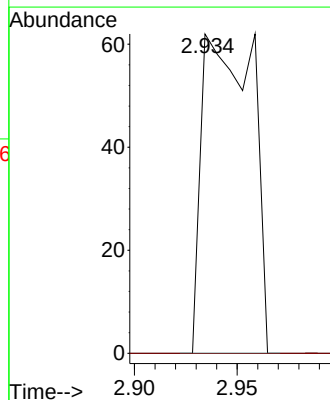
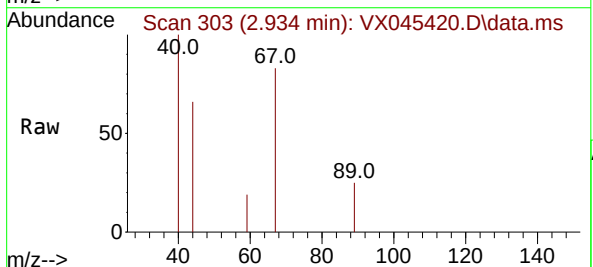
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20250319

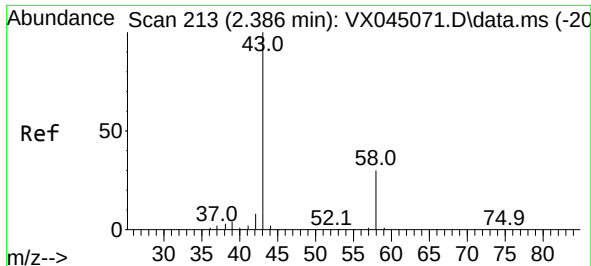
Tgt Ion:168 Resp: 69702
Ion Ratio Lower Upper
168 100
99 65.6 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.500 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045420.D
Acq: 24 Mar 2025 17:14

Tgt Ion: 59 Resp: 105
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

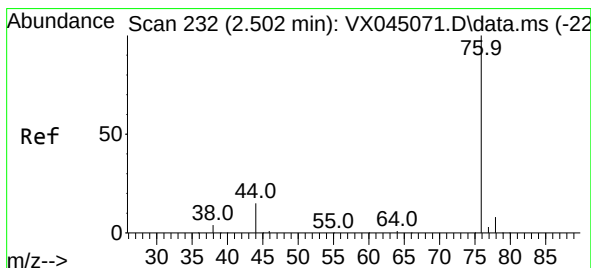
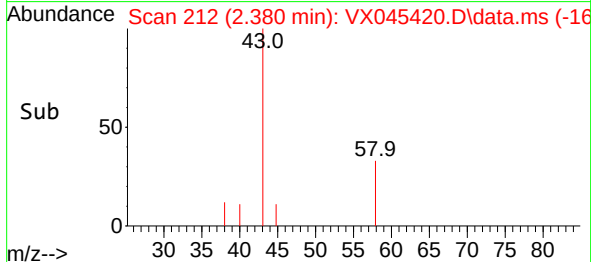
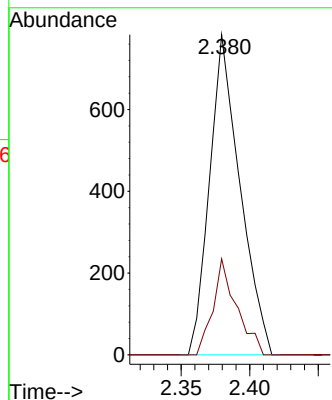
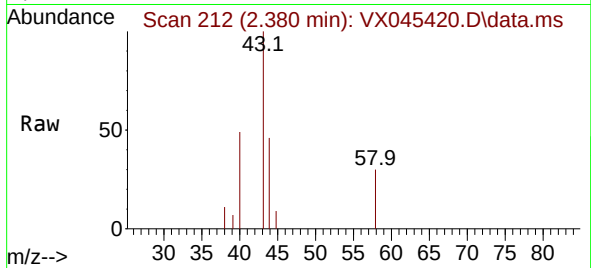




#16
Acetone
Concen: 2.352 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045420.D
Acq: 24 Mar 2025 17:14

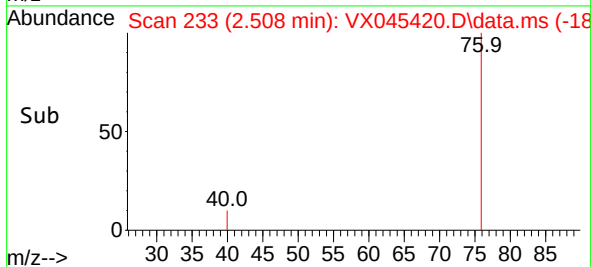
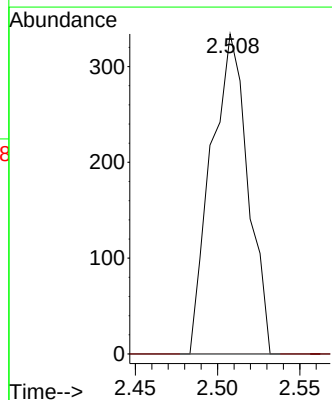
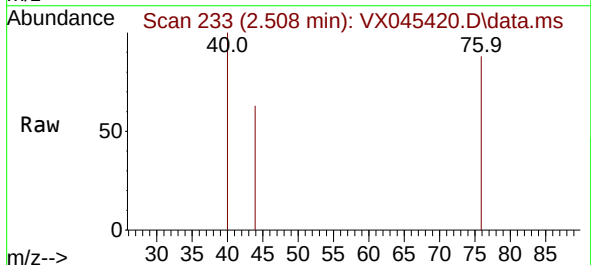
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20250319

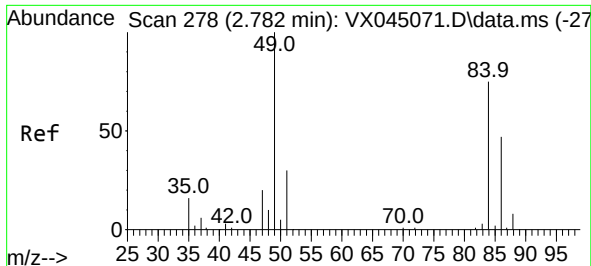
Tgt Ion: 43 Resp: 1210
Ion Ratio Lower Upper
43 100
58 30.0 24.2 36.4



#17
Carbon Disulfide
Concen: 0.228 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX045420.D
Acq: 24 Mar 2025 17:14

Tgt Ion: 76 Resp: 521
Ion Ratio Lower Upper
76 100
78 0.0 6.6 9.8#

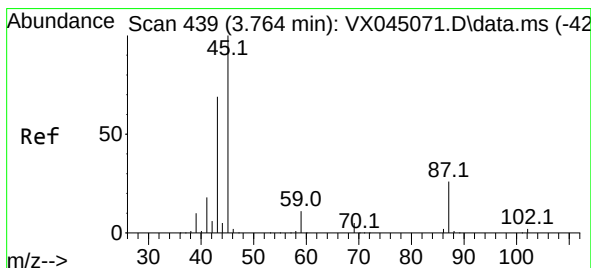
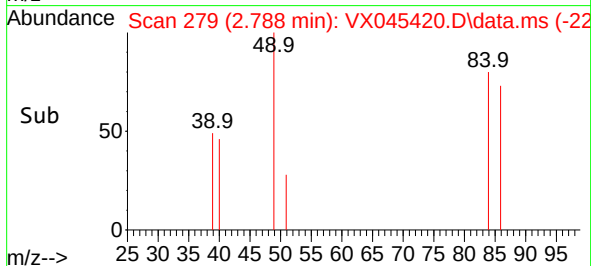
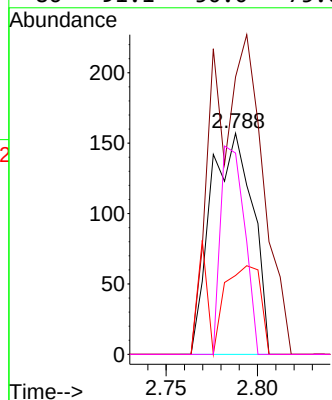
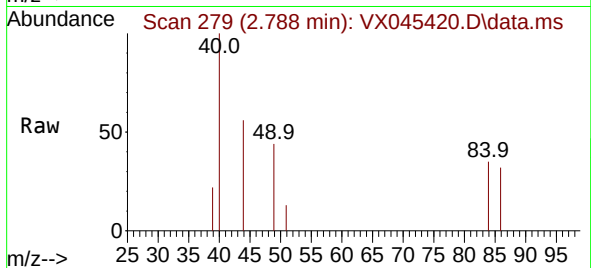




#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045420.D
Acq: 24 Mar 2025 17:14

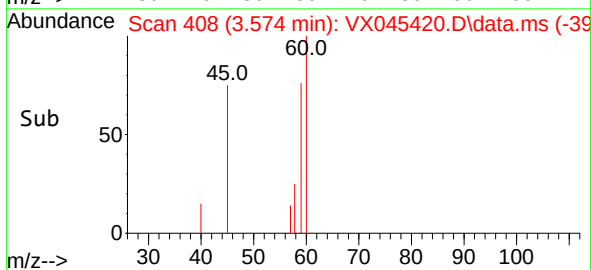
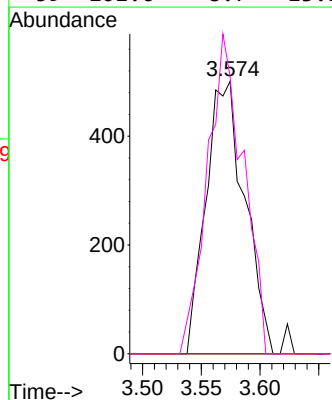
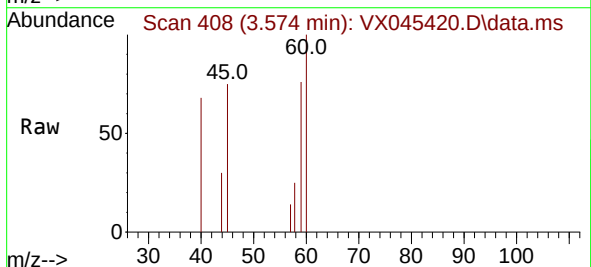
Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20250319

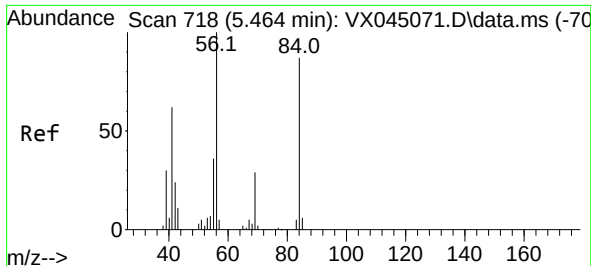
Tgt Ion:	84	Resp:	251
Ion	Ratio	Lower	Upper
84	100		
49	125.5	106.5	159.7
51	35.7	32.1	48.1
86	91.1	50.0	75.0#



#22
Diisopropyl ether
Concen: 0.372 ug/l
RT: 3.574 min Scan# 408
Delta R.T. -0.189 min
Lab File: VX045420.D
Acq: 24 Mar 2025 17:14

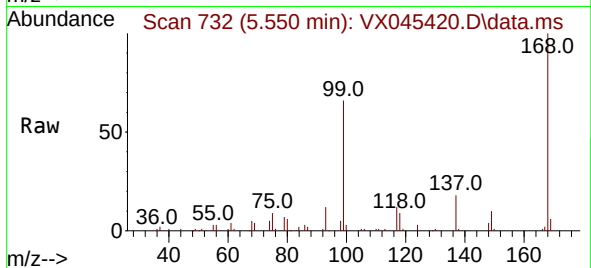
Tgt Ion:	45	Resp:	1153
Ion	Ratio	Lower	Upper
45	100		
43	0.0	54.9	82.3#
87	0.0	21.0	31.4#
59	101.6	8.7	13.1#



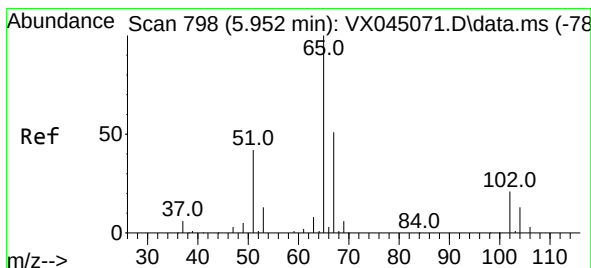
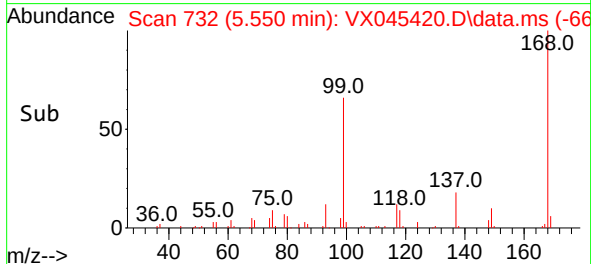
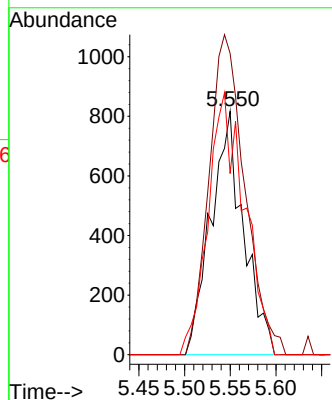


#31
Cyclohexane
Concen: 1.342 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045420.D
Acq: 24 Mar 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20250319

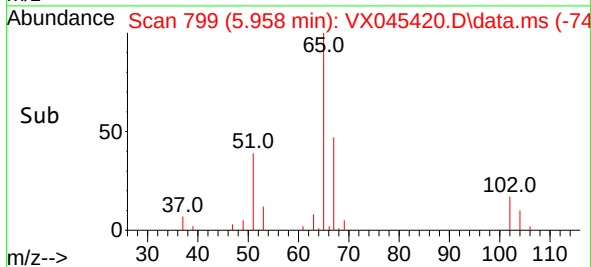
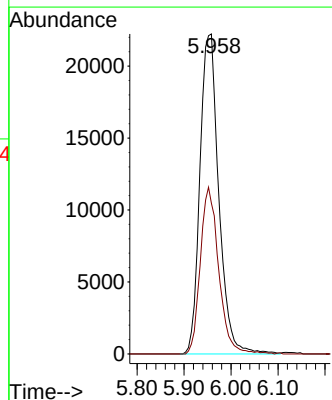
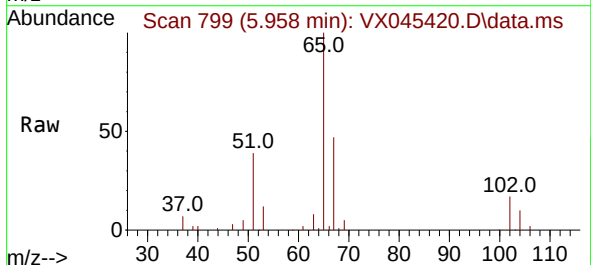


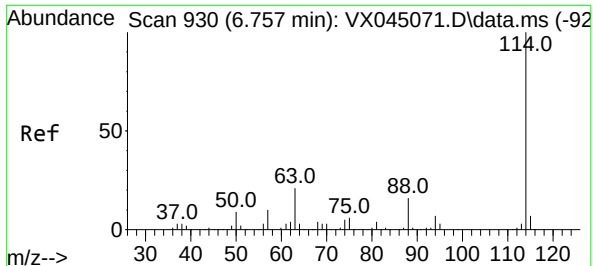
Tgt Ion: 56 Resp: 2025
Ion Ratio Lower Upper
56 100
69 123.7 23.4 35.2#
84 74.4 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 56.014 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX045420.D
Acq: 24 Mar 2025 17:14

Tgt Ion: 65 Resp: 62103
Ion Ratio Lower Upper
65 100
67 50.6 0.0 106.2

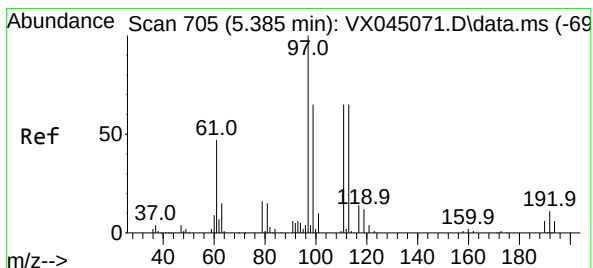
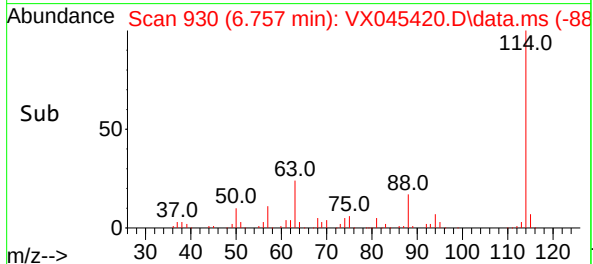
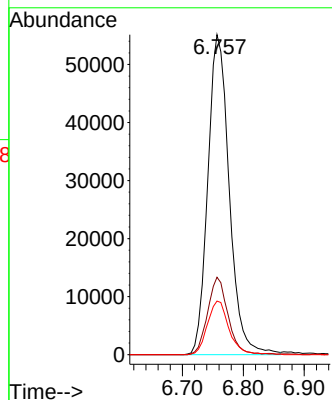
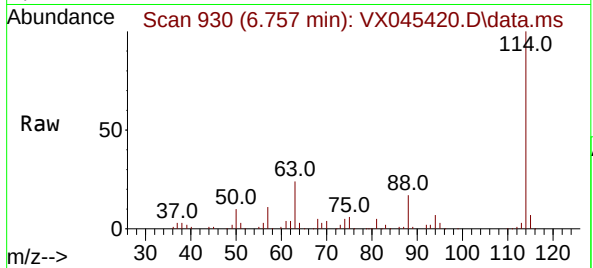




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045420.D
Acq: 24 Mar 2025 17:14

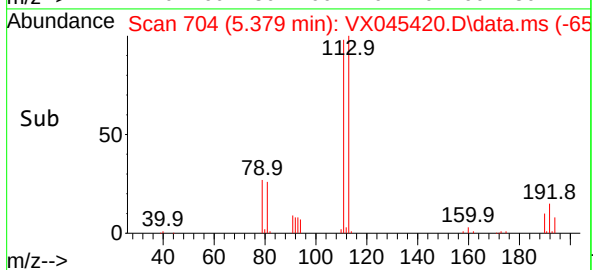
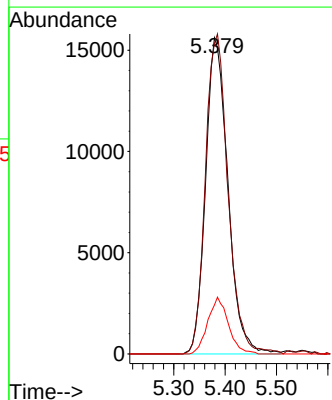
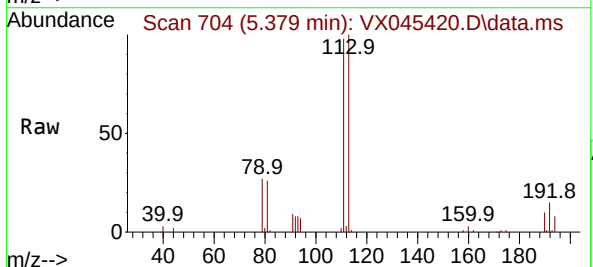
Instrument :
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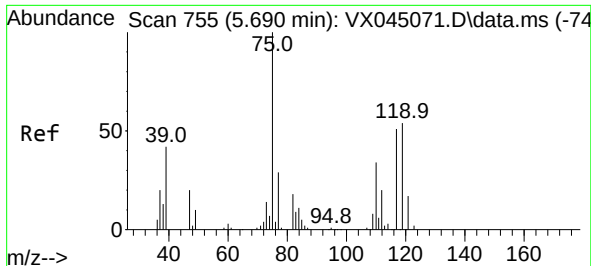
Tgt Ion:114 Resp: 134926
Ion Ratio Lower Upper
114 100
63 24.2 0.0 41.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.237 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045420.D
Acq: 24 Mar 2025 17:14

Tgt Ion:113 Resp: 47129
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 16.6 14.3 21.5

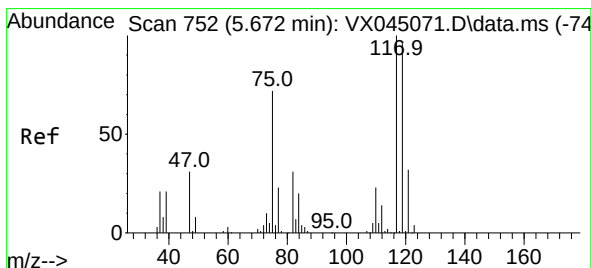
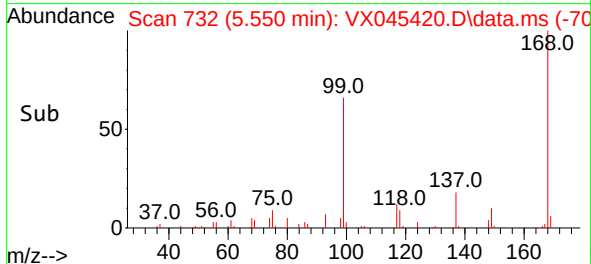
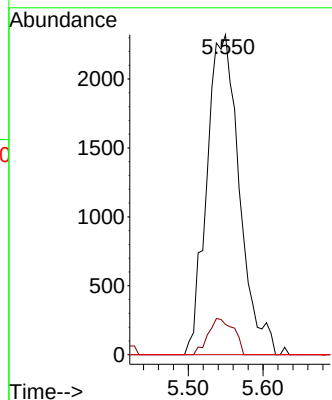
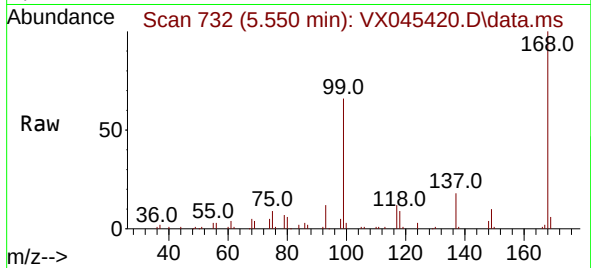




#36
1,1-Dichloropropene
Concen: 5.693 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX045420.D
Acq: 24 Mar 2025 17:14

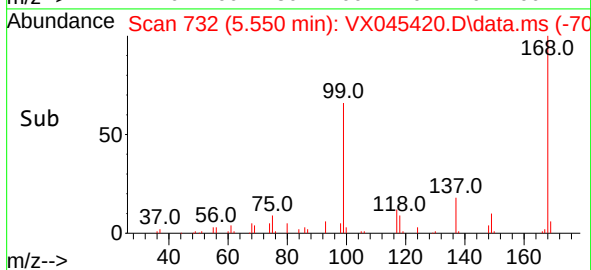
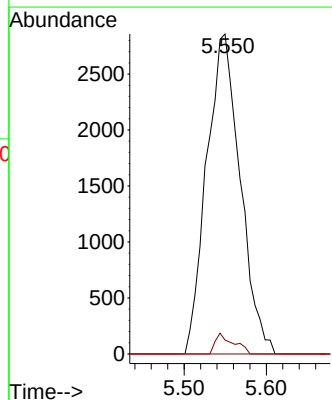
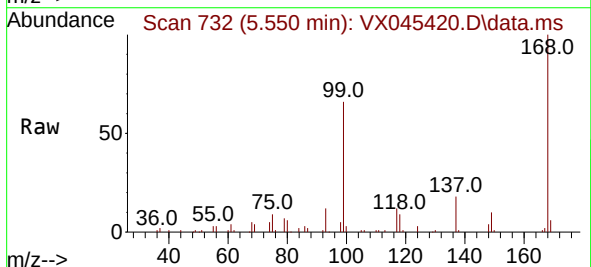
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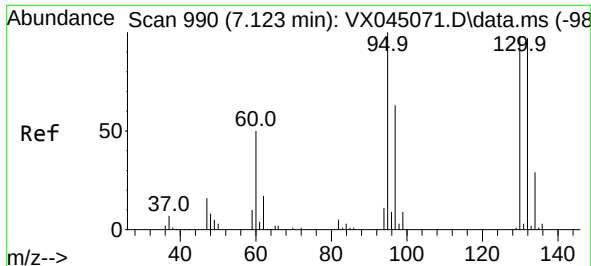
Tgt Ion: 75 Resp: 7044
Ion Ratio Lower Upper
75 100
110 8.8 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.462 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045420.D
Acq: 24 Mar 2025 17:14

Tgt Ion: 117 Resp: 8117
Ion Ratio Lower Upper
117 100
119 4.3 76.7 115.1#
121 0.0 25.5 38.3#

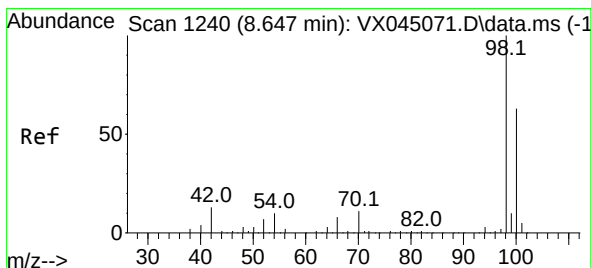
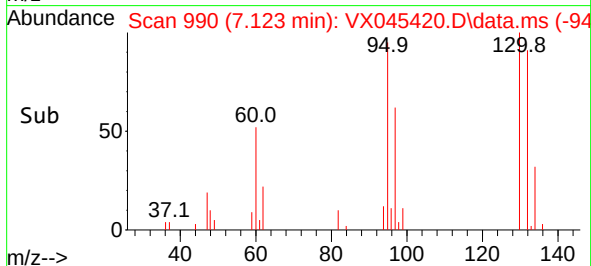
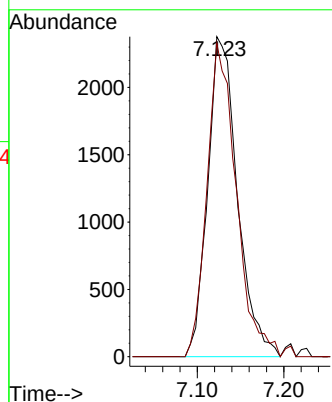
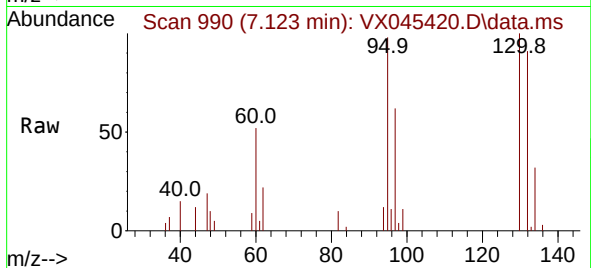




#44
 Trichloroethene
 Concen: 6.179 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: VX045420.D
 Acq: 24 Mar 2025 17:14

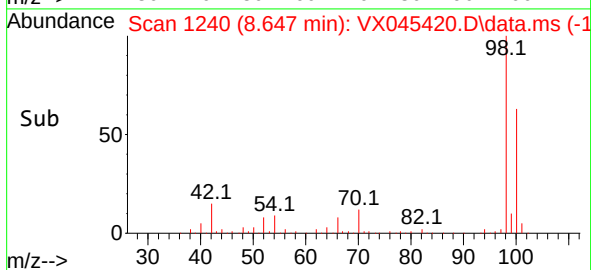
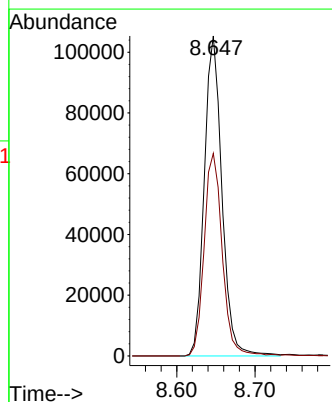
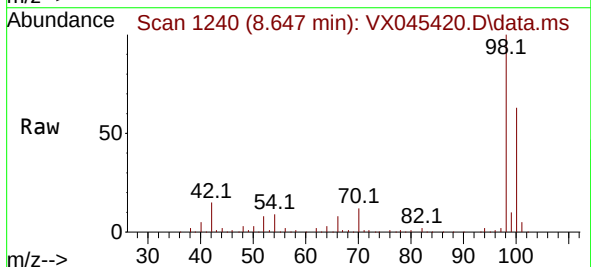
Instrument :
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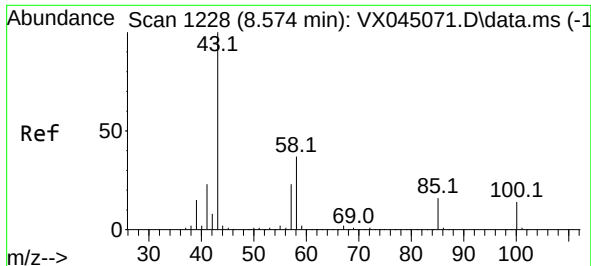
Tgt Ion:130 Resp: 5669
 Ion Ratio Lower Upper
 130 100
 95 97.9 0.0 205.0



#50
 Toluene-d8
 Concen: 50.370 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045420.D
 Acq: 24 Mar 2025 17:14

Tgt Ion: 98 Resp: 164753
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.579 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX045420.D

Acq: 24 Mar 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

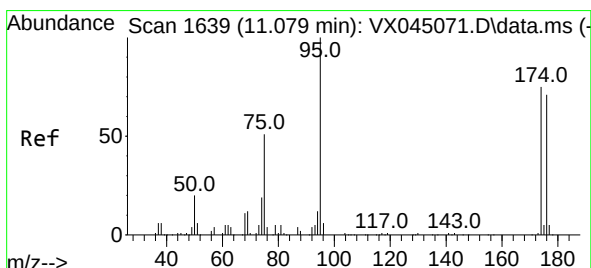
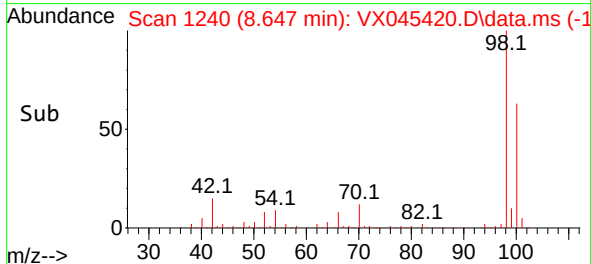
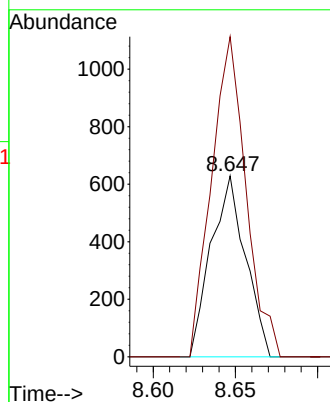
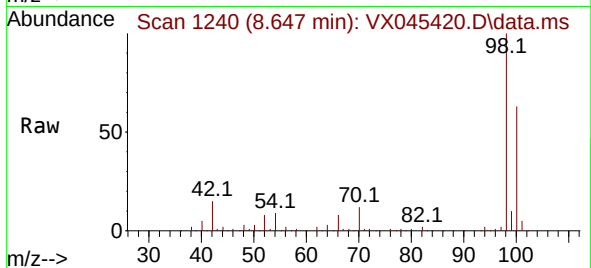
RE117D2-20250319

Tgt Ion: 43 Resp: 916

Ion Ratio Lower Upper

43 100

58 177.2 29.2 43.8#



#62

4-Bromofluorobenzene

Concen: 53.221 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045420.D

Acq: 24 Mar 2025 17:14

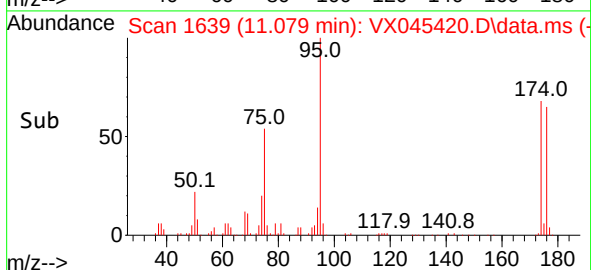
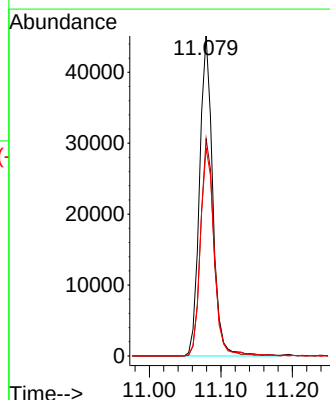
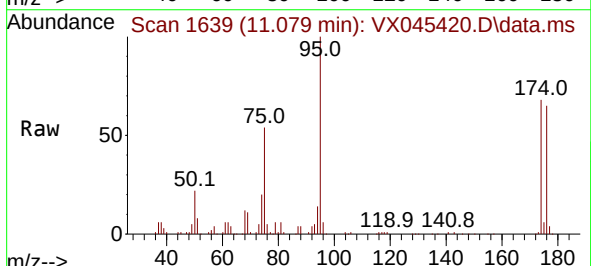
Tgt Ion: 95 Resp: 57684

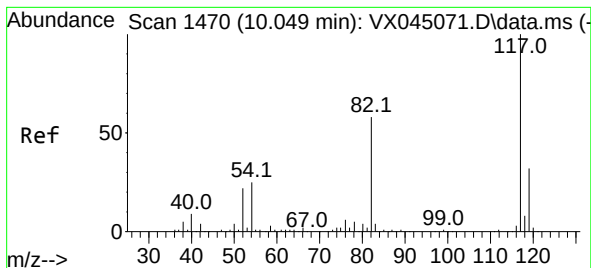
Ion Ratio Lower Upper

95 100

174 69.0 0.0 148.2

176 67.9 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: VX045420.D

Acq: 24 Mar 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-20250319

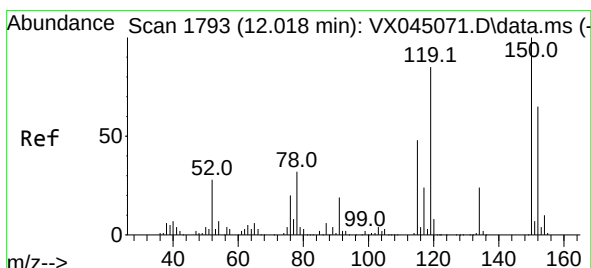
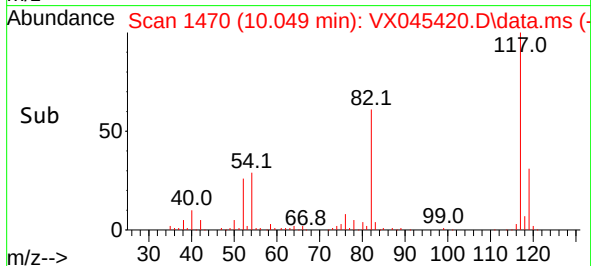
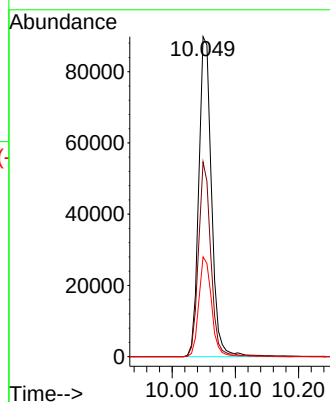
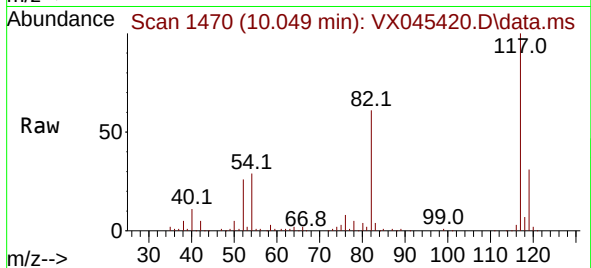
Tgt Ion:117 Resp: 126257

Ion Ratio Lower Upper

117 100

82 60.9 46.3 69.5

119 31.2 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045420.D

Acq: 24 Mar 2025 17:14

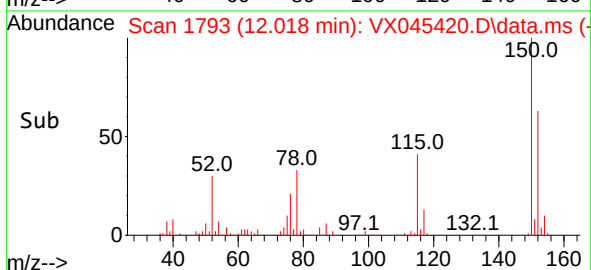
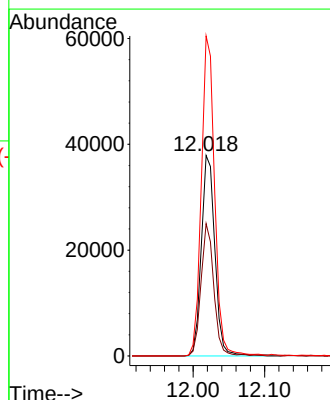
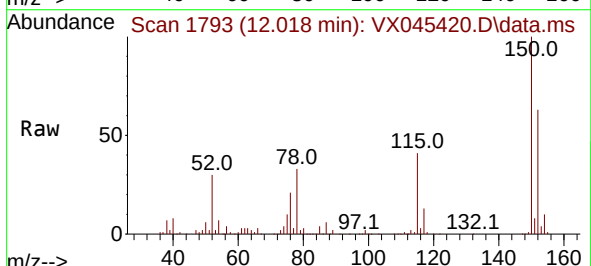
Tgt Ion:152 Resp: 50122

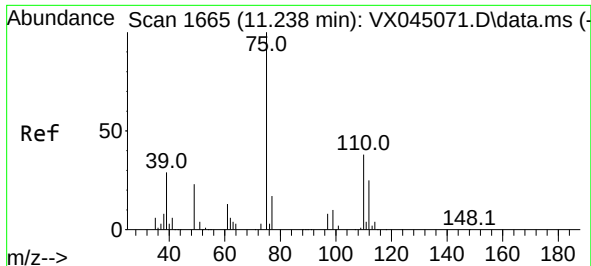
Ion Ratio Lower Upper

152 100

115 62.5 44.2 132.6

150 155.8 0.0 349.0

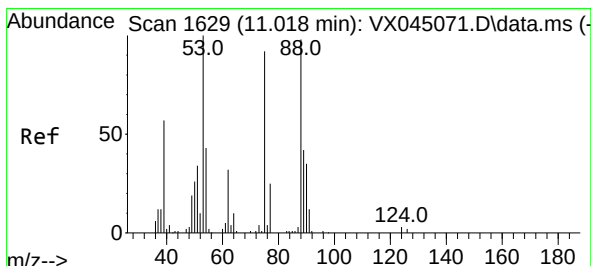
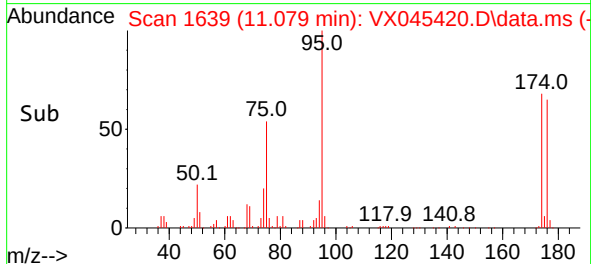
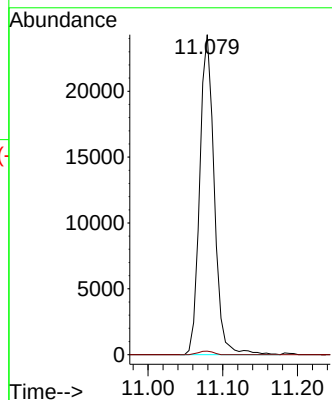
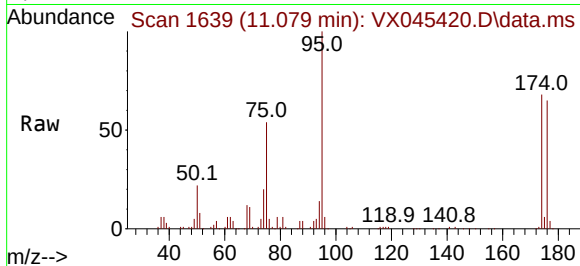




#76
1,2,3-Trichloropropane
Concen: 28.113 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045420.D
Acq: 24 Mar 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
RE117D2-20250319

Tgt Ion: 75 Resp: 32796
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.206 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045420.D
Acq: 24 Mar 2025 17:14

Tgt Ion: 75 Resp: 32796
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

