

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045190.D
 Acq On : 10 Mar 2025 12:57
 Operator : JC/MD
 Sample : Q1500-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 03:54:04 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)

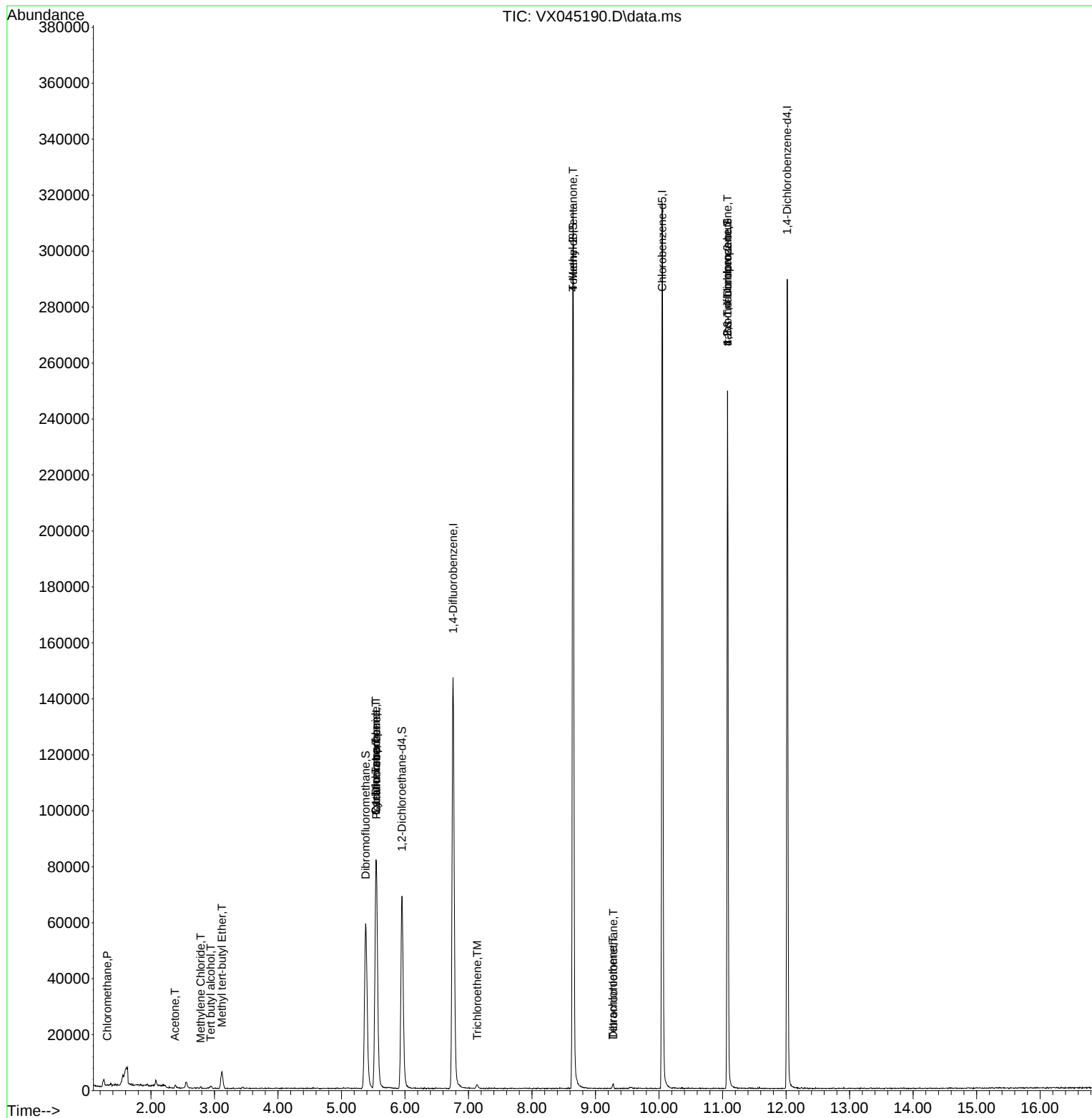
Internal Standards						
1) Pentafluorobenzene	5.550	168	75866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63142	52.324	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.640%	
35) Dibromofluoromethane	5.379	113	51853	51.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.840%	
50) Toluene-d8	8.647	98	187213	51.214	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	11.079	95	63985	52.822	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	277	0.237	ug/l #	43
11) Tert butyl alcohol	2.940	59	339	1.483	ug/l #	73
16) Acetone	2.380	43	1033	1.845	ug/l #	84
19) Methyl tert-butyl Ether	3.117	73	6392	2.044	ug/l	93
20) Methylene Chloride	2.782	84	229	0.206	ug/l #	73
31) Cyclohexane	5.544	56	2061	1.255	ug/l #	54
36) 1,1-Dichloropropene	5.544	75	6883	4.978	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8241	5.870	ug/l #	15
44) Trichloroethene	7.135	130	540	0.527	ug/l	81
51) 4-Methyl-2-Pentanone	8.647	43	938	0.530	ug/l #	1
60) Dibromochloromethane	9.281	129	317	0.287	ug/l #	11
64) Tetrachloroethene	9.275	164	334	0.374	ug/l #	76
76) 1,2,3-Trichloropropane	11.079	75	35273	26.318	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35273	90.064	ug/l #	6

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
Data File : VX045190.D
Acq On : 10 Mar 2025 12:57
Operator : JC/MD
Sample : Q1500-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 11 03:54:04 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



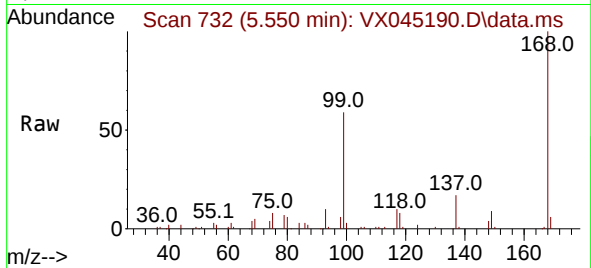


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

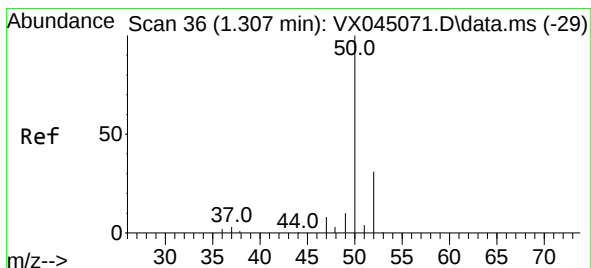
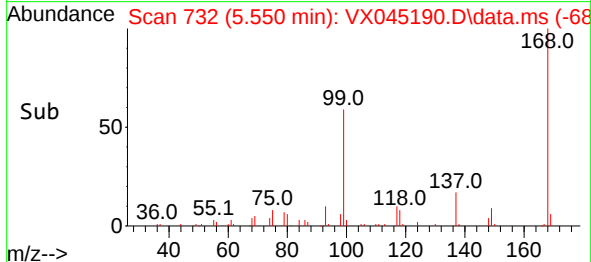
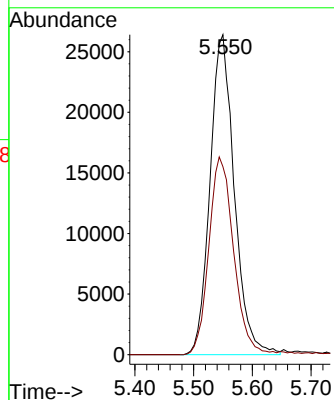
Instrument :

MSVOA_X

ClientSampleId :

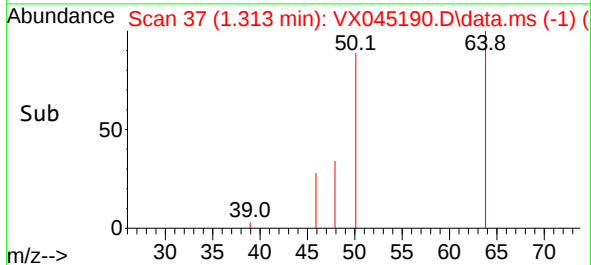
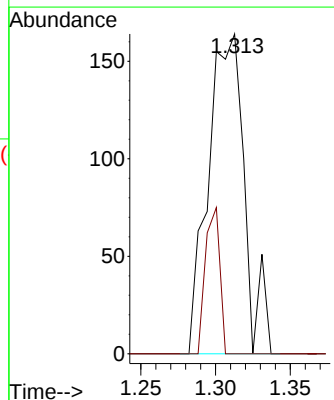
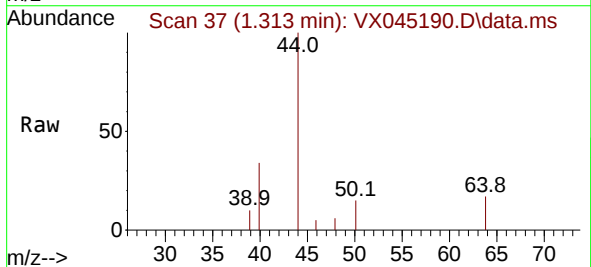


Tgt Ion:168 Resp: 75866
Ion Ratio Lower Upper
168 100
99 58.8 48.2 72.4



#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Tgt Ion: 50 Resp: 277
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

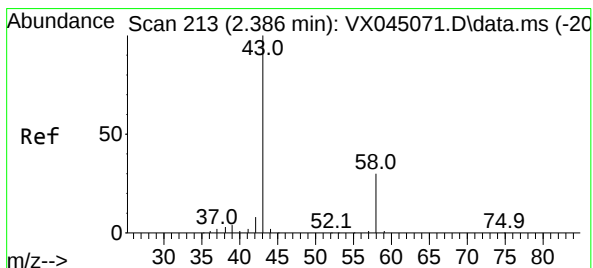
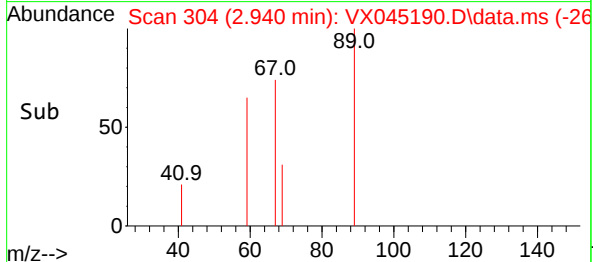
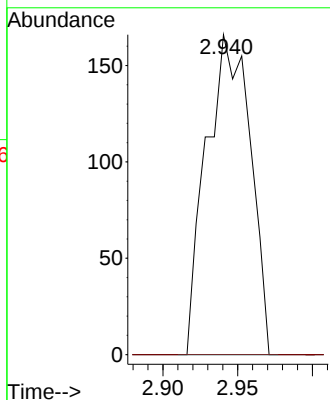
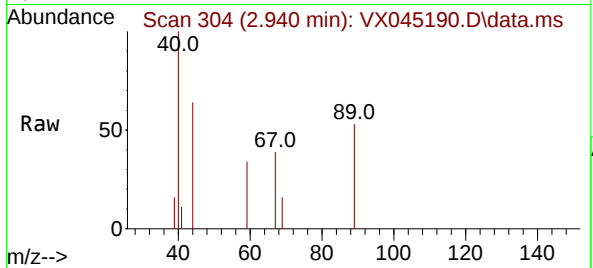




#11
Tert butyl alcohol
Concen: 1.483 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

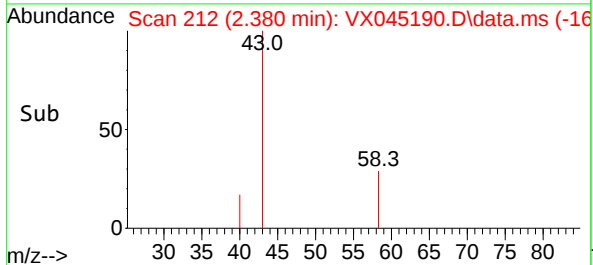
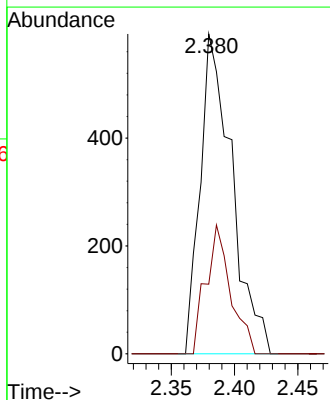
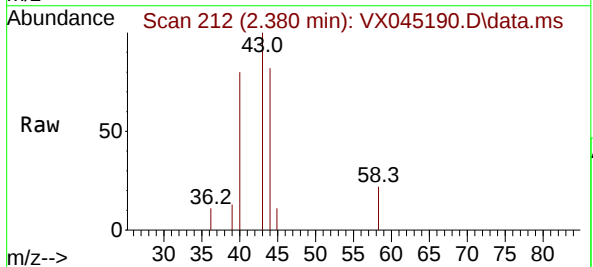
Instrument :
MSVOA_X
ClientSampleId :

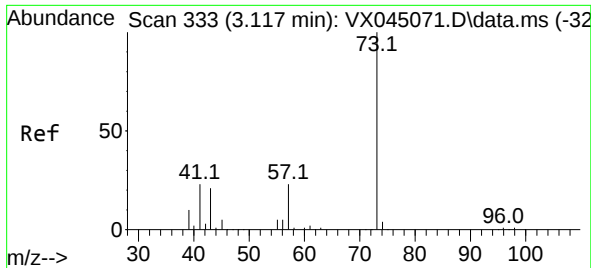
Tgt Ion: 59 Resp: 339
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.845 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
58 21.8 24.2 36.4#

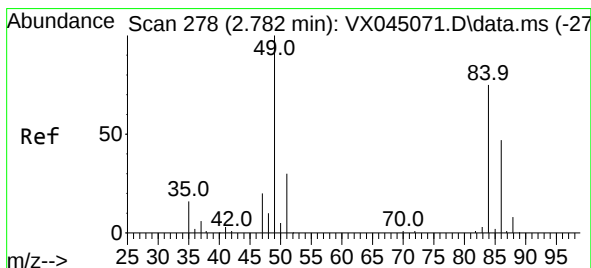
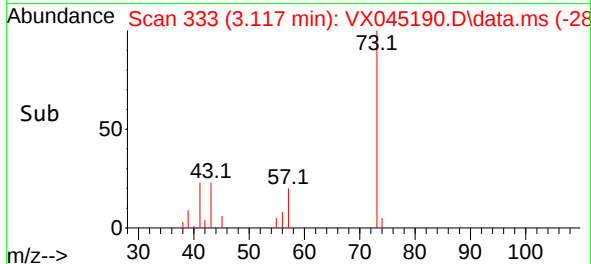
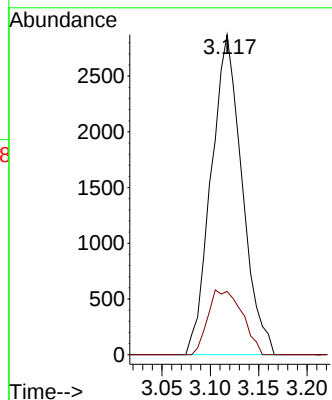
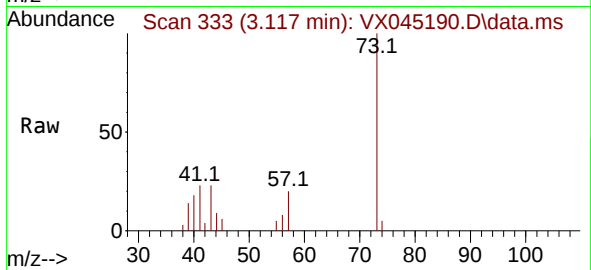




#19
Methyl tert-butyl Ether
Concen: 2.044 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

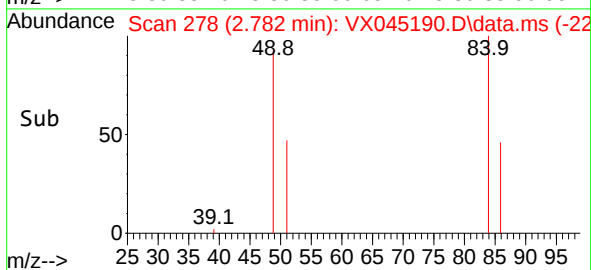
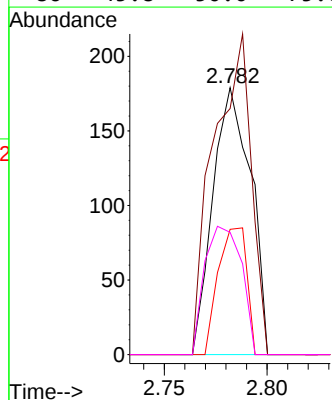
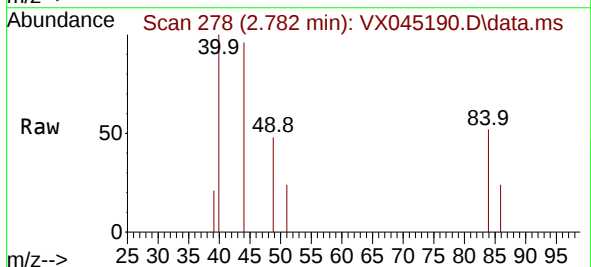
Instrument :
MSVOA_X
ClientSampleId :

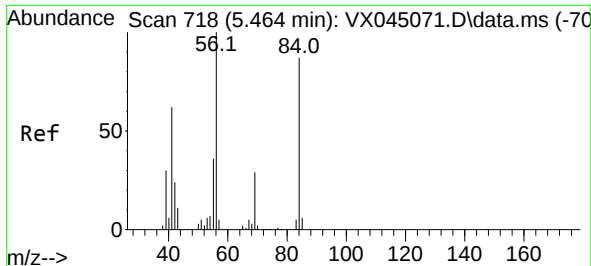
Tgt Ion: 73 Resp: 6392
Ion Ratio Lower Upper
73 100
57 19.8 18.5 27.7



#20
Methylene Chloride
Concen: 0.206 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

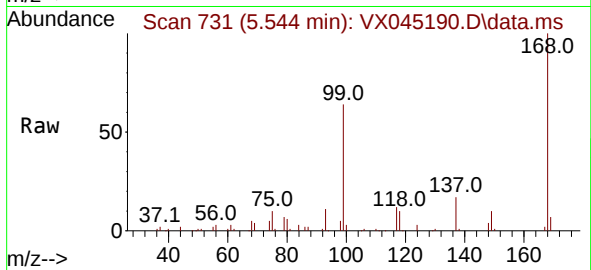
Tgt Ion: 84 Resp: 229
Ion Ratio Lower Upper
84 100
49 92.2 106.5 159.7#
51 46.9 32.1 48.1
86 45.8 50.0 75.0#



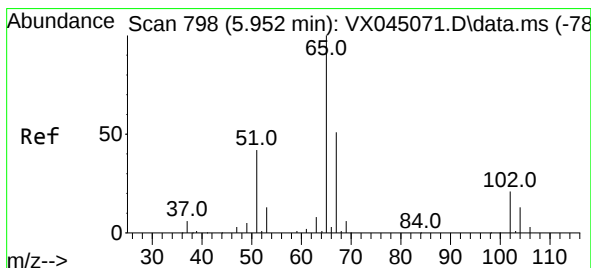
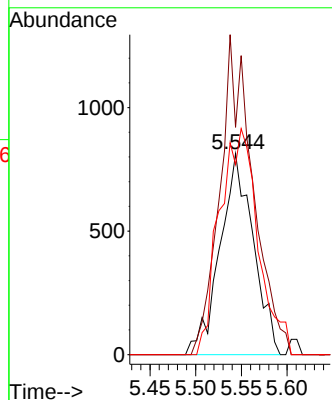
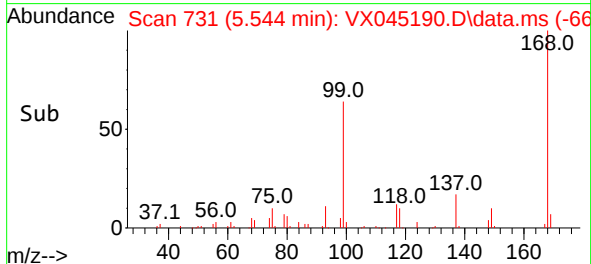


#31
Cyclohexane
Concen: 1.255 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Instrument :
MSVOA_X
ClientSampleId :

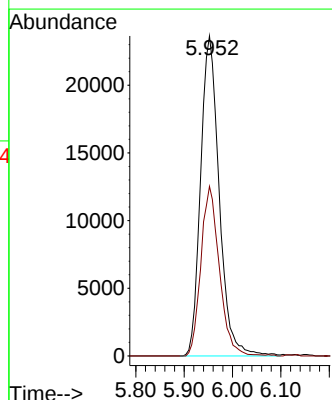
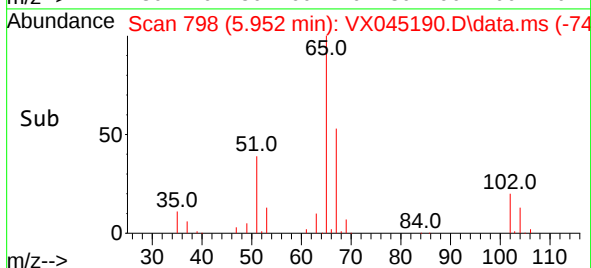
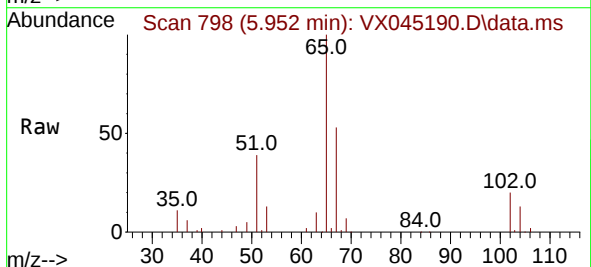


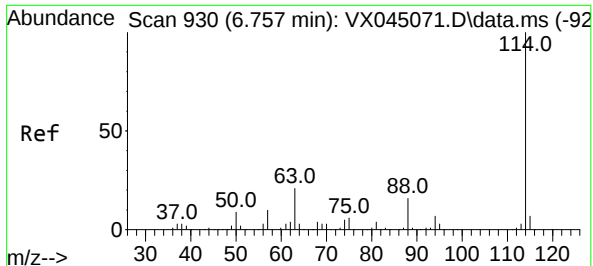
Tgt Ion: 56 Resp: 2061
Ion Ratio Lower Upper
56 100
69 113.0 23.4 35.2#
84 94.5 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 52.324 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

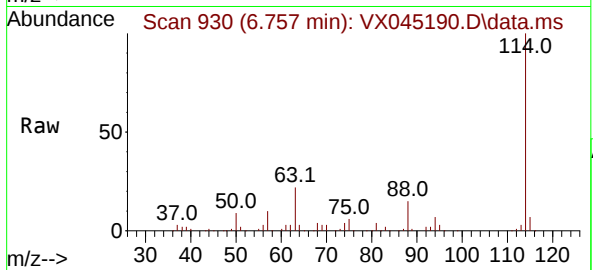
Tgt Ion: 65 Resp: 63142
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.2



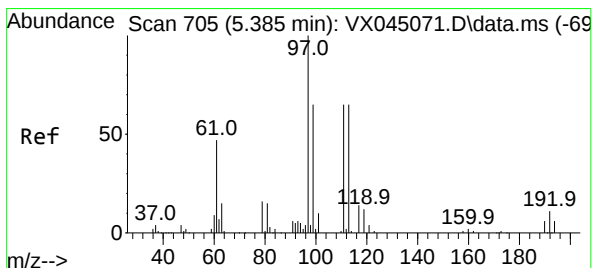
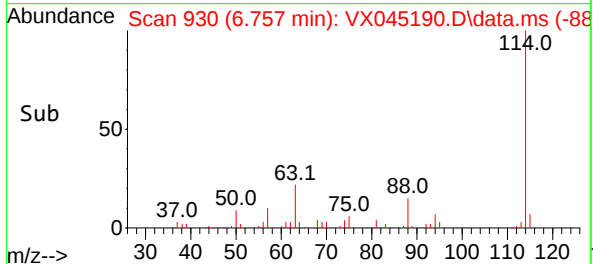
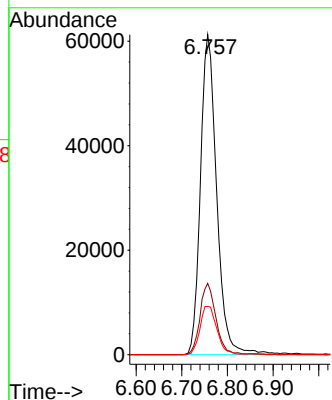


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Instrument :
MSVOA_X
ClientSampleId :

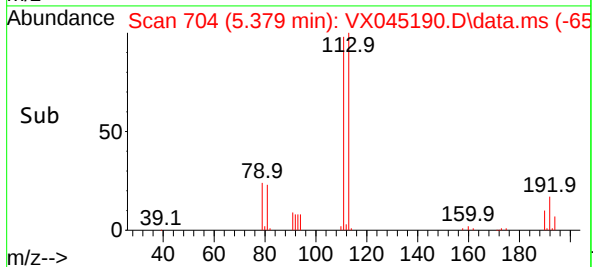
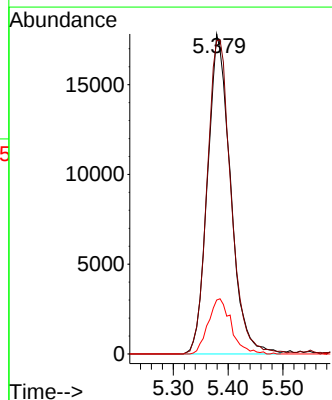
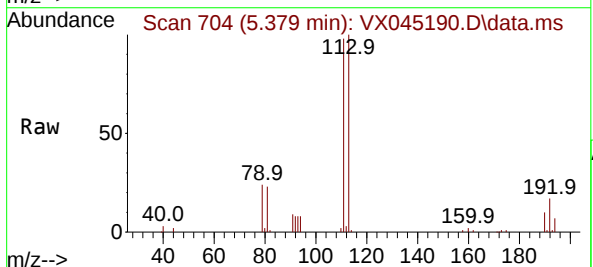


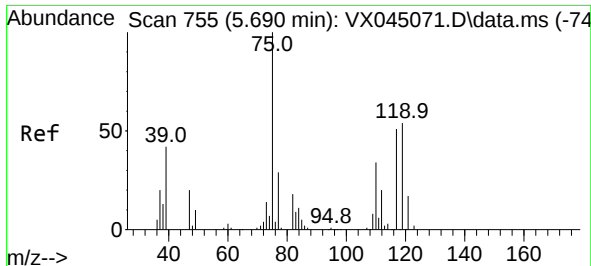
Tgt Ion:114 Resp: 150795
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 15.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.425 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Tgt Ion:113 Resp: 51853
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 17.3 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.978 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX045190.D

Acq: 10 Mar 2025 12:57

Instrument :

MSVOA_X

ClientSampleId :

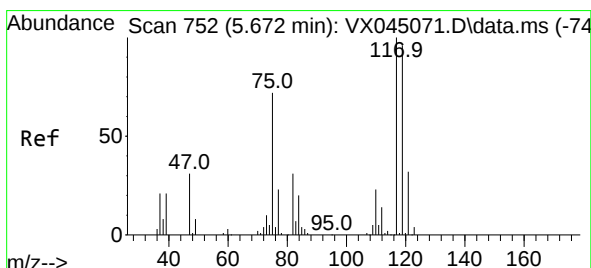
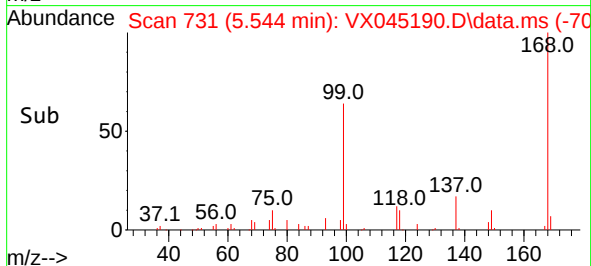
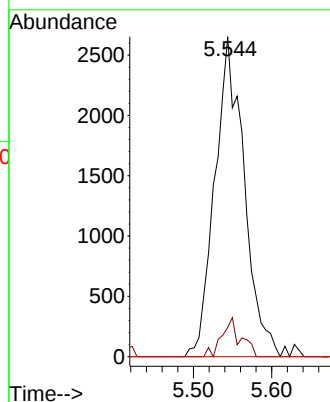
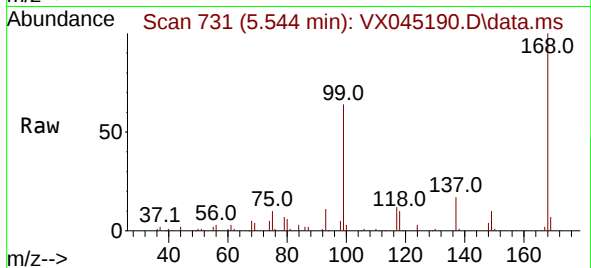
Tgt Ion: 75 Resp: 6883

Ion Ratio Lower Upper

75 100

110 7.8 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.870 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045190.D

Acq: 10 Mar 2025 12:57

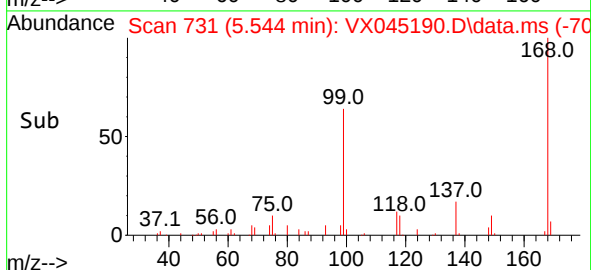
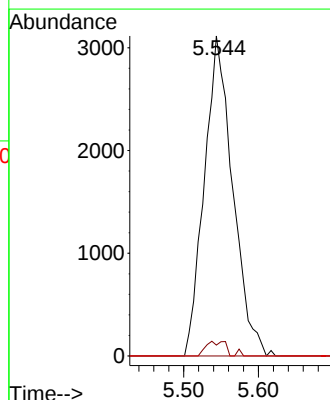
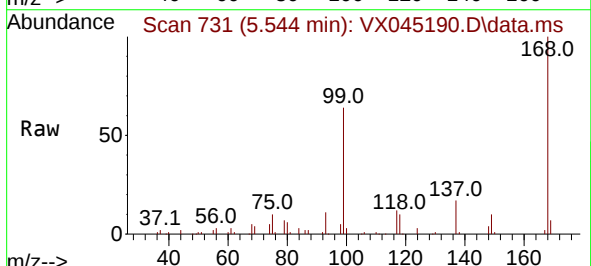
Tgt Ion: 117 Resp: 8241

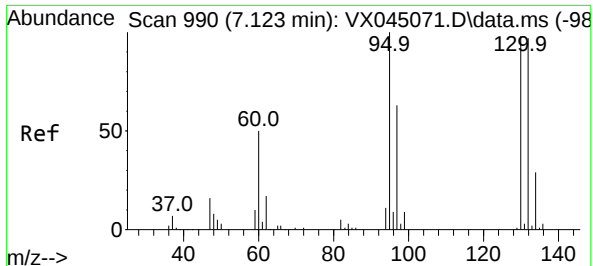
Ion Ratio Lower Upper

117 100

119 3.4 76.7 115.1#

121 0.0 25.5 38.3#

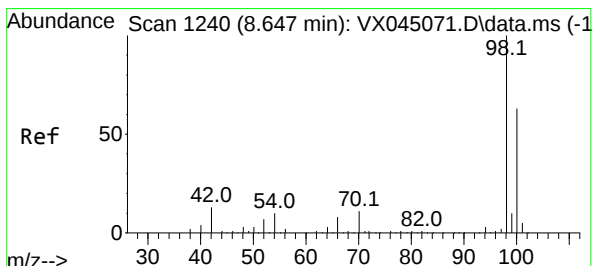
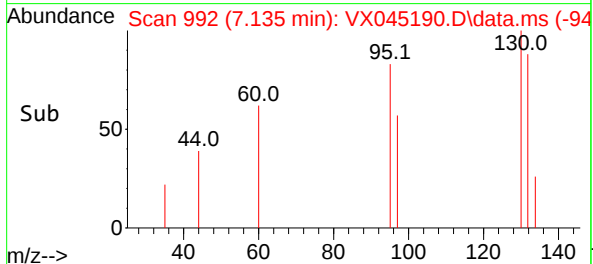
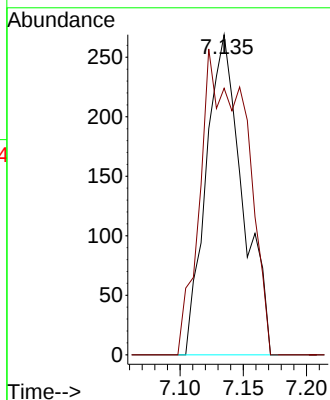
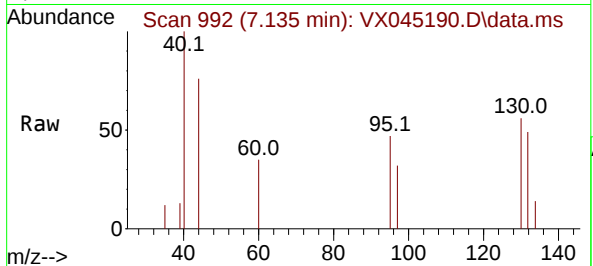




#44
Trichloroethene
Concen: 0.527 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

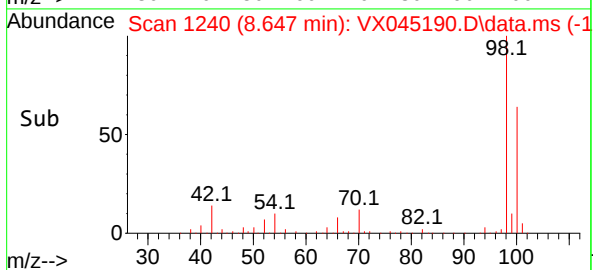
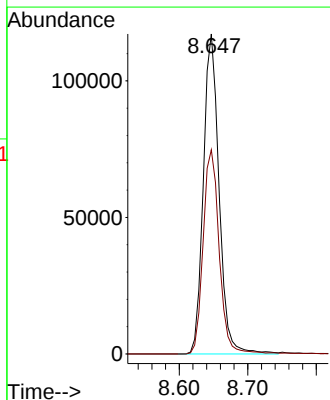
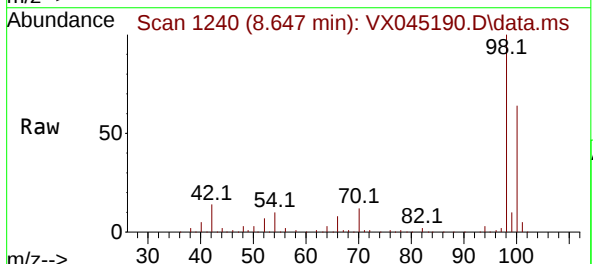
Instrument :
MSVOA_X
ClientSampleId :

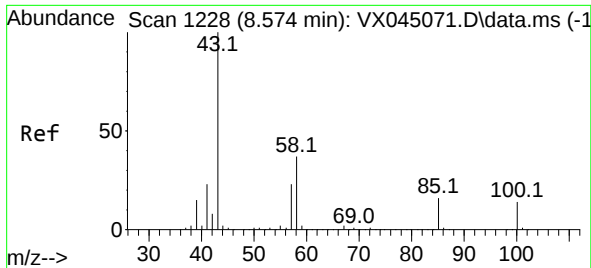
Tgt Ion:130 Resp: 540
Ion Ratio Lower Upper
130 100
95 83.3 0.0 205.0



#50
Toluene-d8
Concen: 51.214 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Tgt Ion: 98 Resp: 187213
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

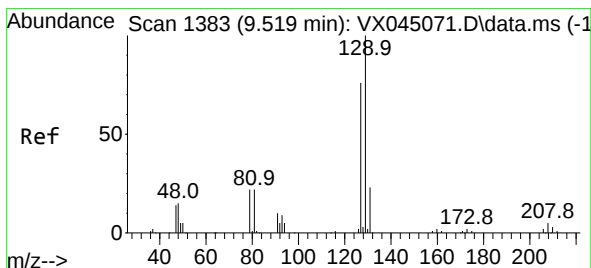
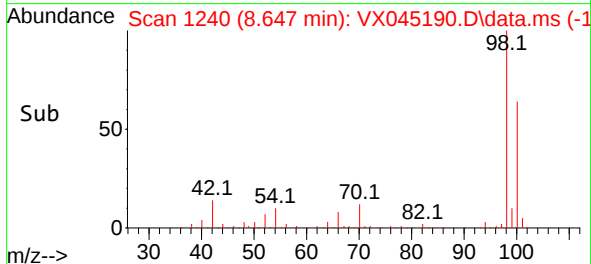
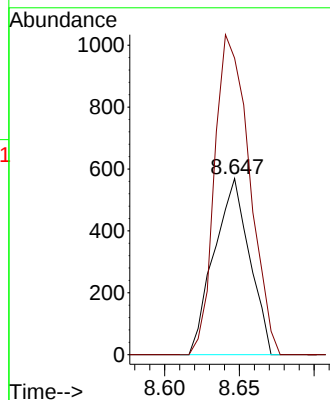
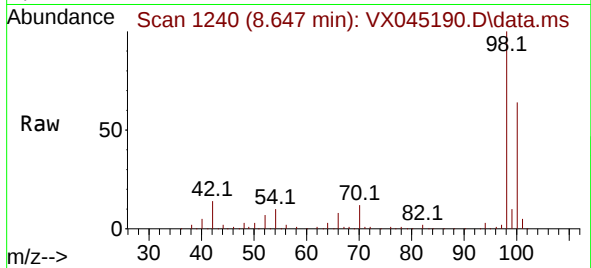




#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

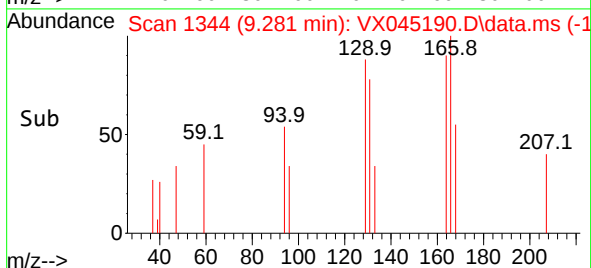
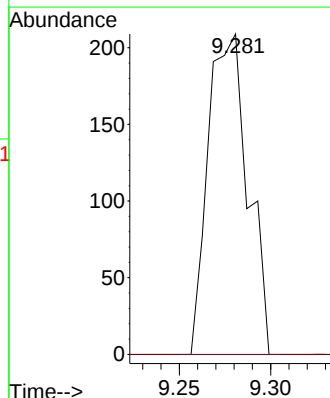
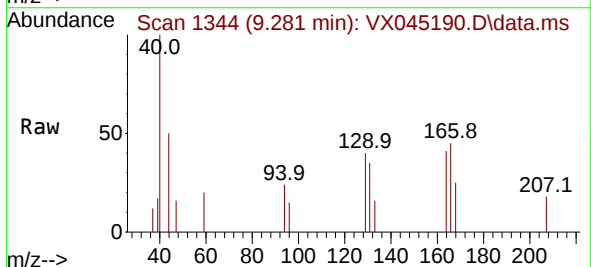
Instrument :
MSVOA_X
ClientSampleId :

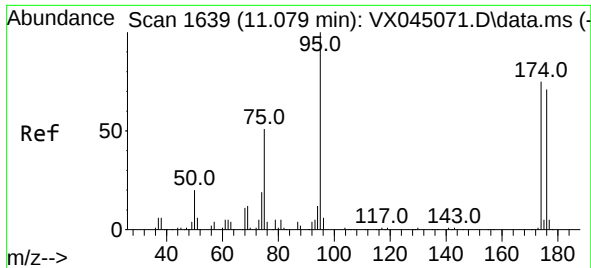
Tgt Ion: 43 Resp: 938
Ion Ratio Lower Upper
43 100
58 178.8 29.2 43.8#



#60
Dibromochloromethane
Concen: 0.287 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.238 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Tgt Ion: 129 Resp: 317
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 52.822 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045190.D

Acq: 10 Mar 2025 12:57

Instrument :

MSVOA_X

ClientSampleId :

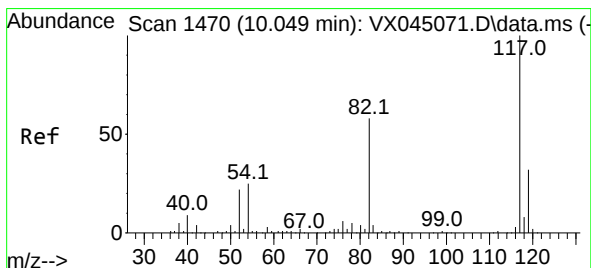
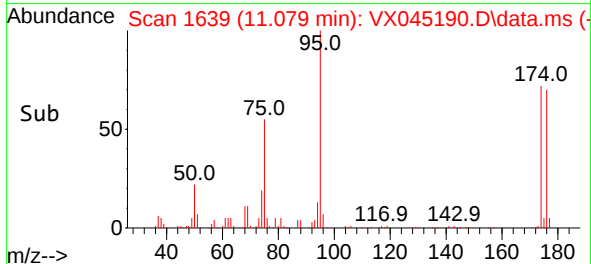
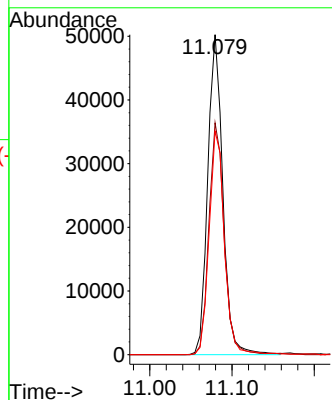
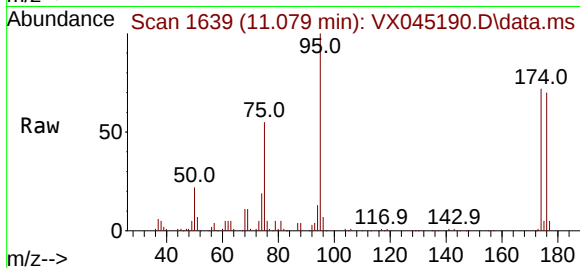
Tgt Ion: 95 Resp: 63985

Ion Ratio Lower Upper

95 100

174 73.1 0.0 148.2

176 70.9 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: VX045190.D

Acq: 10 Mar 2025 12:57

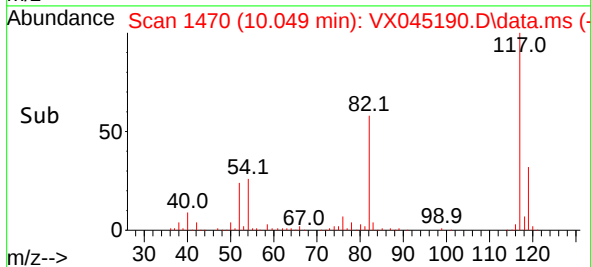
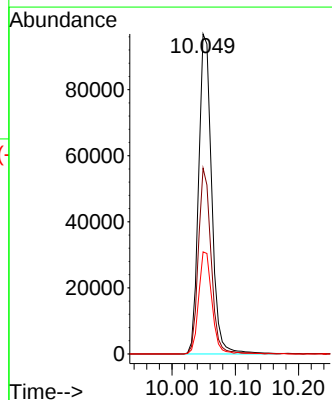
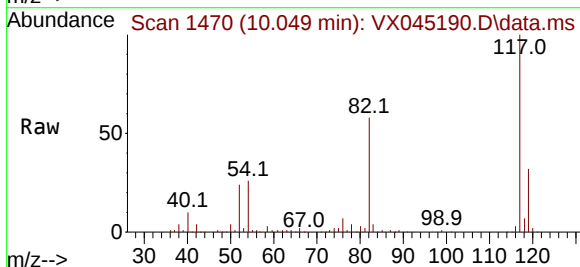
Tgt Ion: 117 Resp: 139303

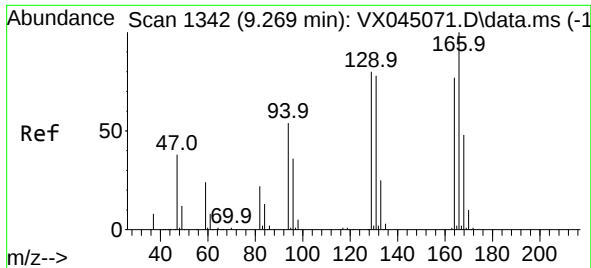
Ion Ratio Lower Upper

117 100

82 58.1 46.3 69.5

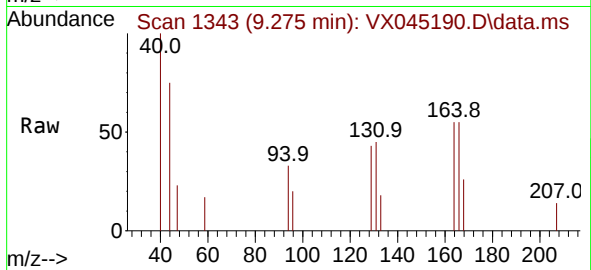
119 31.9 25.7 38.5



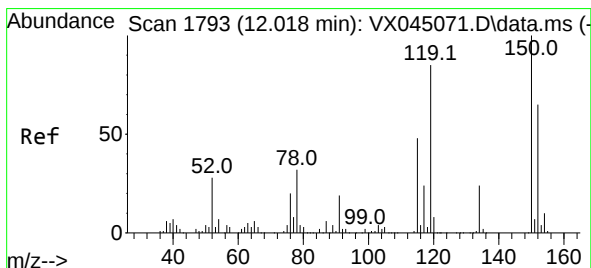
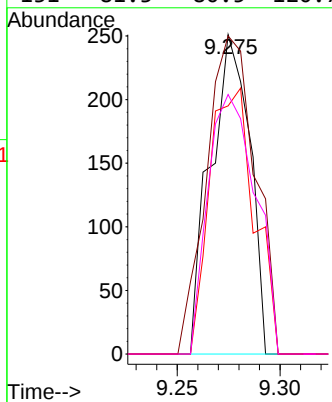
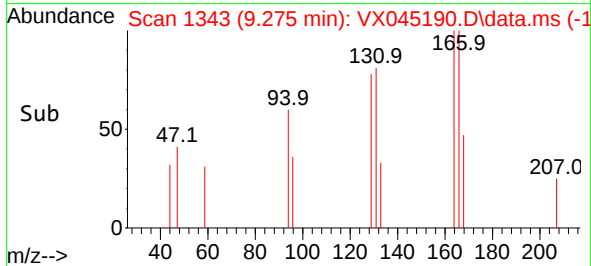


#64
Tetrachloroethene
Concen: 0.374 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

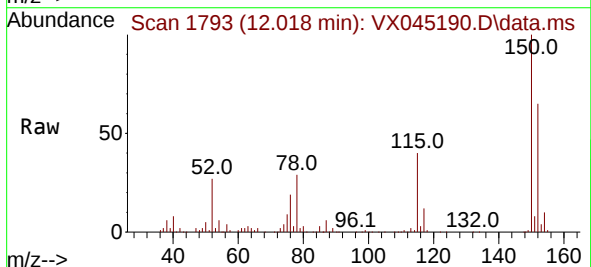
Instrument :
MSVOA_X
ClientSampleId :



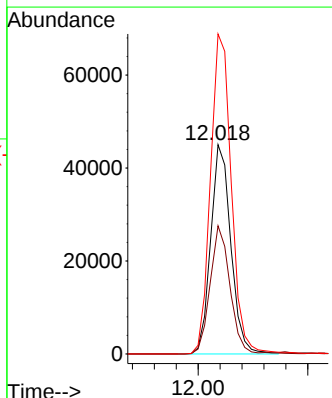
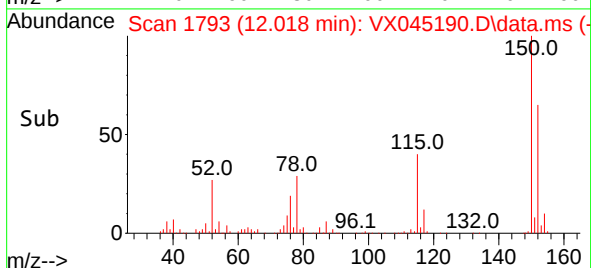
Tgt Ion:164 Resp: 334
Ion Ratio Lower Upper
164 100
166 99.6 103.6 155.4#
129 77.7 82.7 124.1#
131 81.3 80.5 120.7

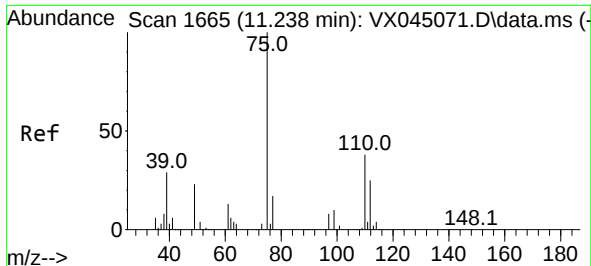


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57



Tgt Ion:152 Resp: 57584
Ion Ratio Lower Upper
152 100
115 60.5 44.2 132.6
150 158.4 0.0 349.0

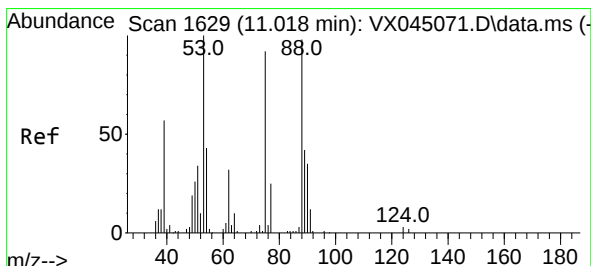
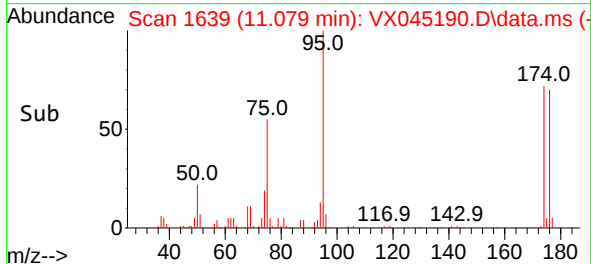
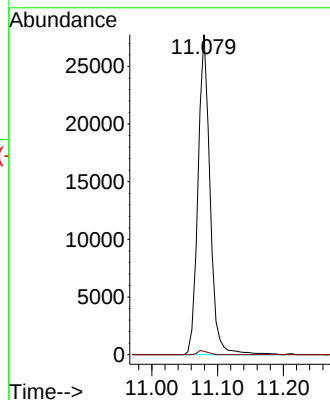
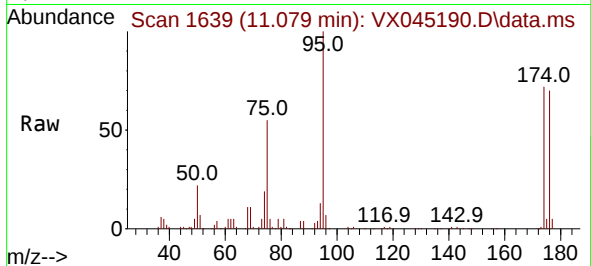




#76
1,2,3-Trichloropropane
Concen: 26.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 35273
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.064 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045190.D
Acq: 10 Mar 2025 12:57

Tgt Ion: 75 Resp: 35273
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

