

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040484.D
 Acq On : 27 Feb 2024 13:07
 Operator : JC/MD
 Sample : P1578-12RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D-20240221

Quant Time: Feb 28 02:02:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

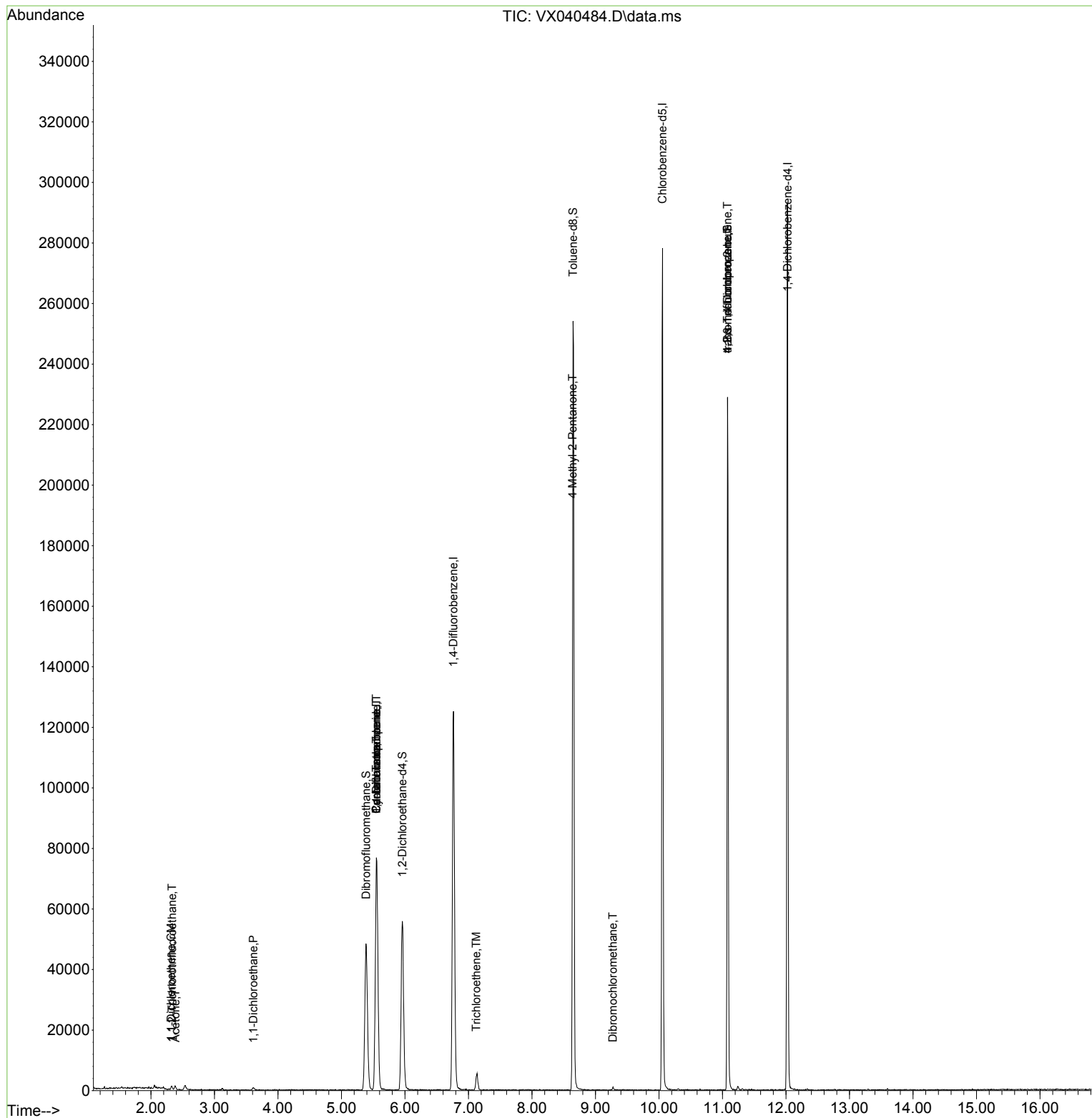
Internal Standards						
1) Pentafluorobenzene	5.550	168	66333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	119558	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56258	50.708	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.420%		
35) Dibromofluoromethane	5.385	113	41570	50.000	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.000%		
50) Toluene-d8	8.647	98	147602	48.909	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.820%		
62) 4-Bromofluorobenzene	11.079	95	57455	49.944	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.880%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	385	0.511	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	198	0.262	ug/l #	52
16) Acetone	2.386	43	1402	3.875	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	1083	0.699	ug/l #	83
31) Cyclohexane	5.550	56	2027	1.613	ug/l #	57
36) 1,1-Dichloropropene	5.550	75	6413	5.007	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7558	6.108	ug/l #	15
44) Trichloroethene	7.123	130	1984	2.127	ug/l	93
51) 4-Methyl-2-Pentanone	8.641	43	791	0.544	ug/l #	1
60) Dibromochloromethane	9.275	129	210	0.219	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	33199	26.522	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	33199	77.076	ug/l #	5

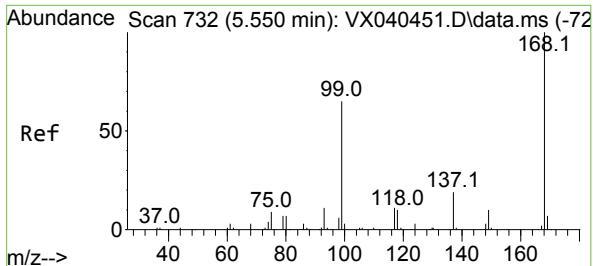
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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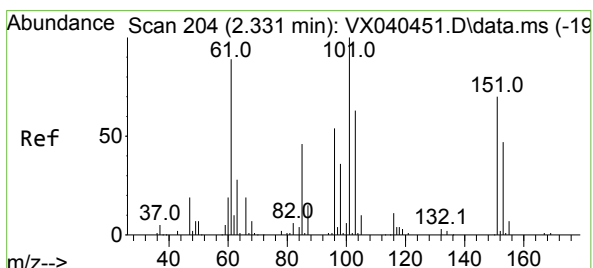
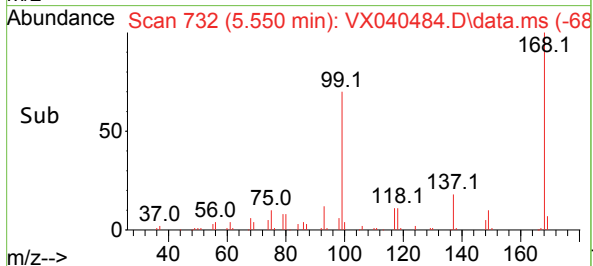
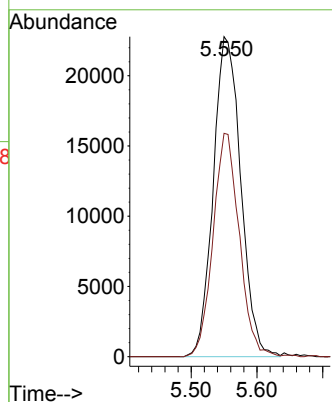
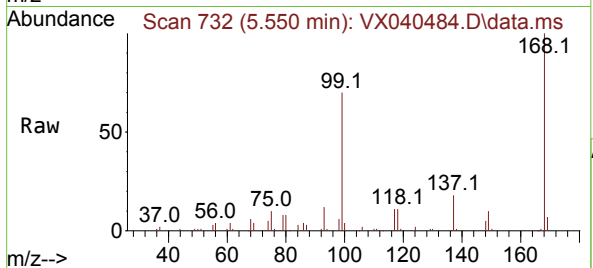




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040484.D
Acq: 27 Feb 2024 13:07

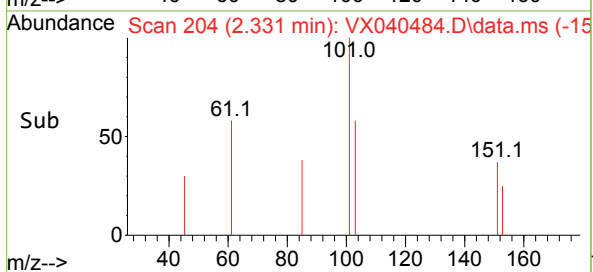
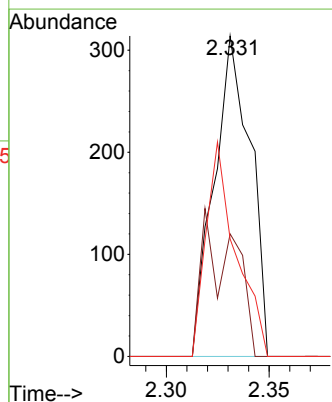
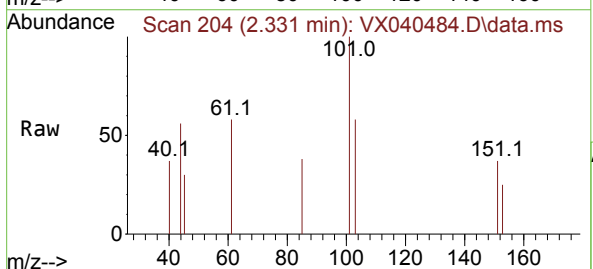
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20240221

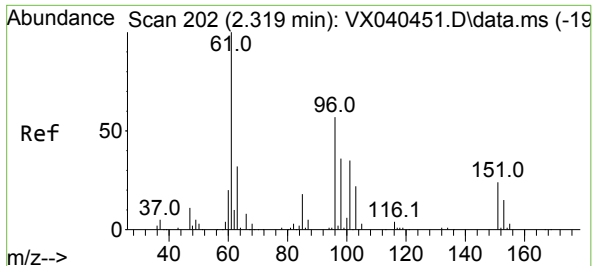
Tgt Ion:168 Resp: 66333
Ion Ratio Lower Upper
168 100
99 69.8 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.511 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040484.D
Acq: 27 Feb 2024 13:07

Tgt Ion:101 Resp: 385
Ion Ratio Lower Upper
101 100
85 40.0 37.0 55.6
151 55.1 58.6 87.8#

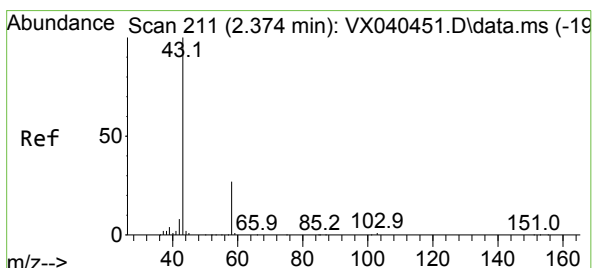
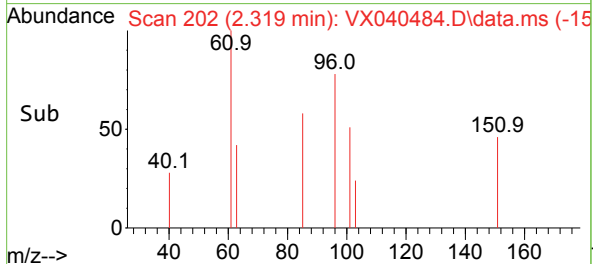
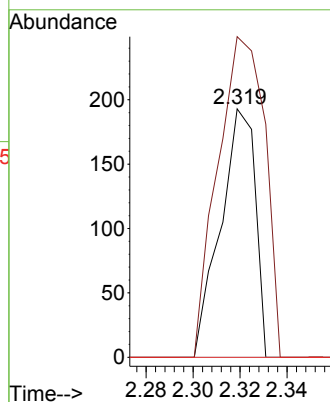
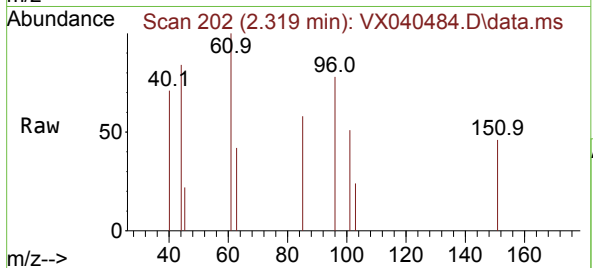




#12
1,1-Dichloroethene
Concen: 0.262 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX040484.D
Acq: 27 Feb 2024 13:07

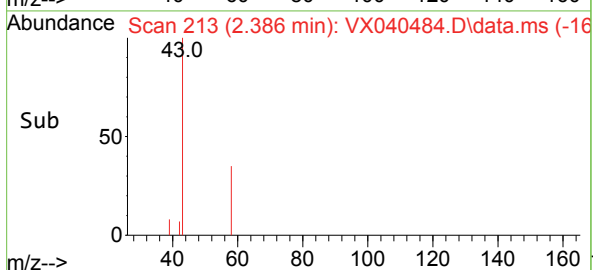
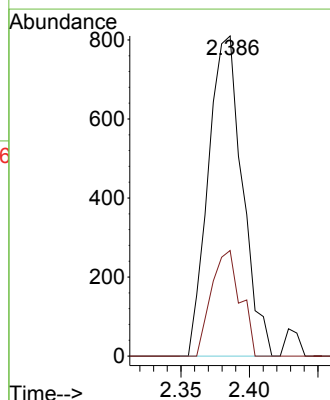
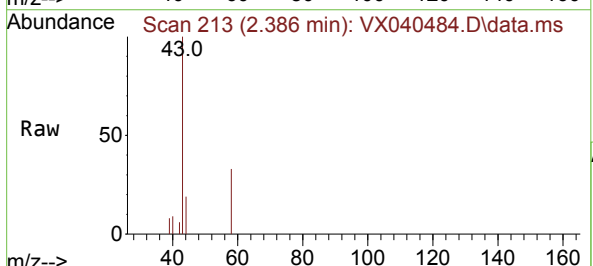
Instrument :
MSVOA_X
ClientSampleId :
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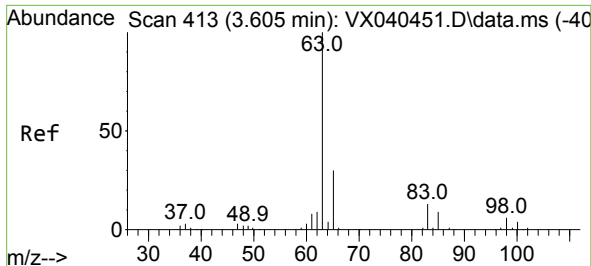
Tgt Ion: 96 Resp: 198
Ion Ratio Lower Upper
96 100
61 129.0 144.6 216.8#
98 0.0 50.4 75.6#



#16
Acetone
Concen: 3.875 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX040484.D
Acq: 27 Feb 2024 13:07

Tgt Ion: 43 Resp: 1402
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#

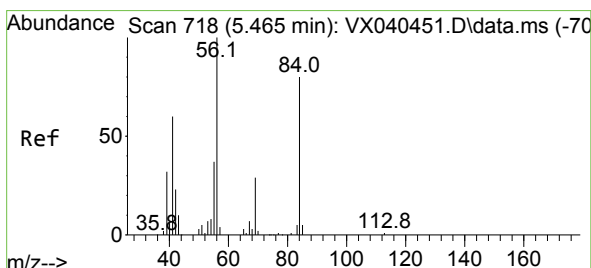
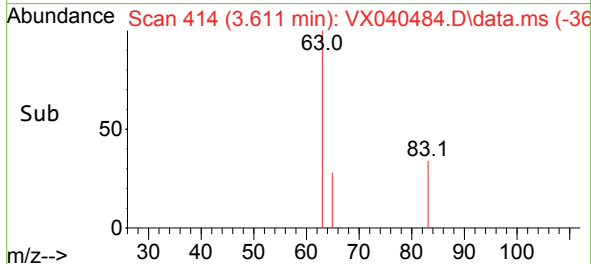
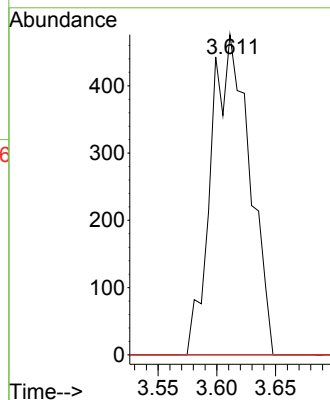
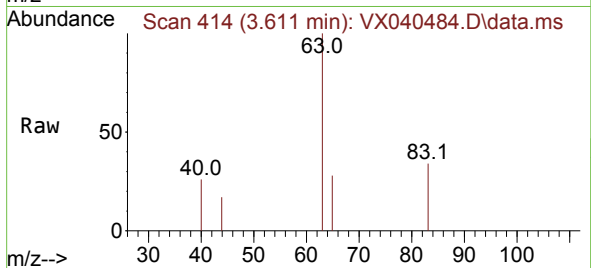




#24
1,1-Dichloroethane
Concen: 0.699 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX040484.D
Acq: 27 Feb 2024 13:07

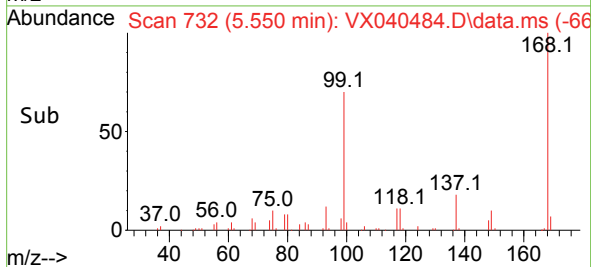
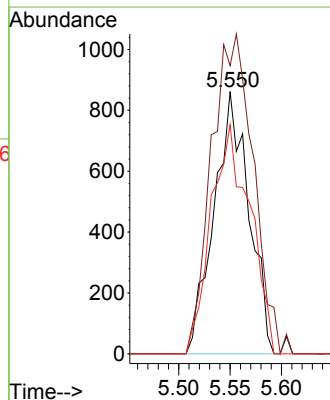
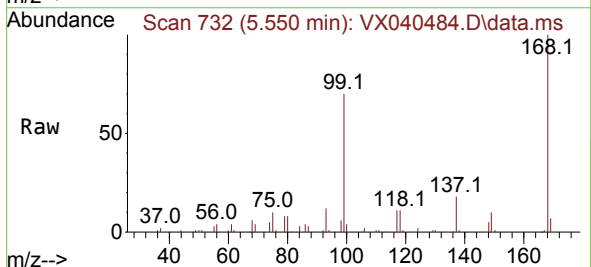
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20240221

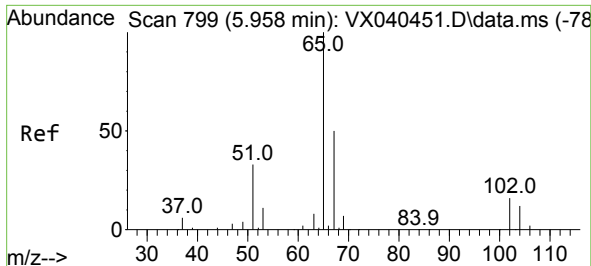
Tgt Ion: 63 Resp: 1083
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#



#31
Cyclohexane
Concen: 1.613 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX040484.D
Acq: 27 Feb 2024 13:07

Tgt Ion: 56 Resp: 2027
Ion Ratio Lower Upper
56 100
69 109.9 23.4 35.2#
84 87.4 65.9 98.9

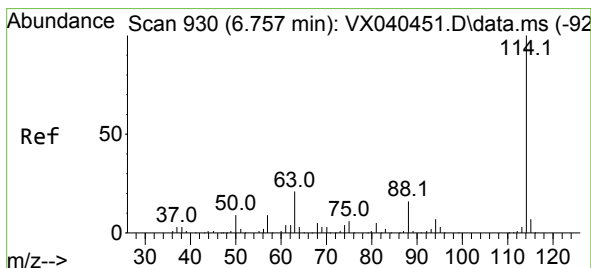
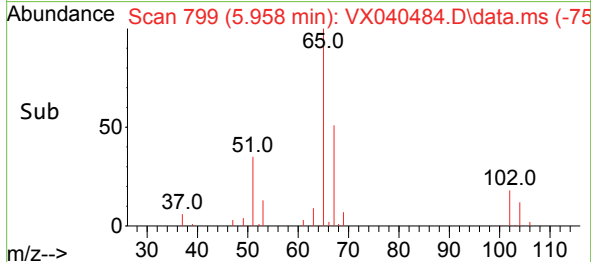
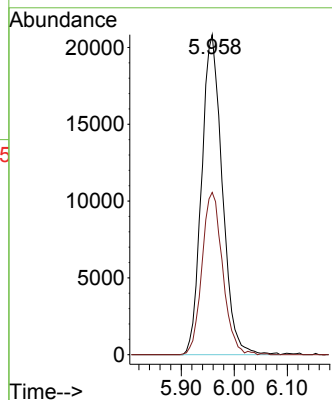
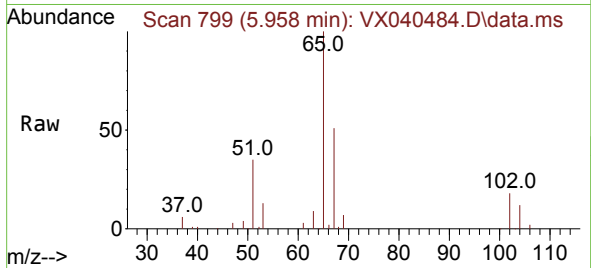




#33
 1,2-Dichloroethane-d4
 Concen: 50.708 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX040484.D
 Acq: 27 Feb 2024 13:07

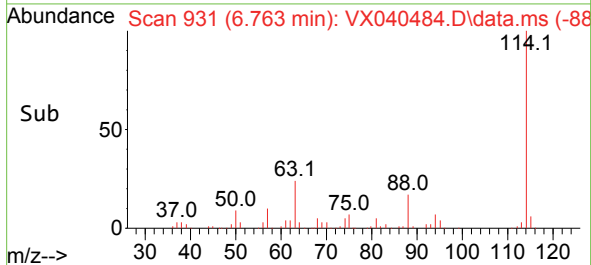
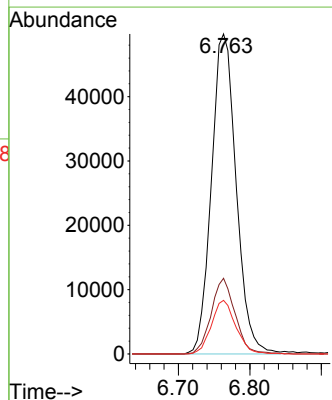
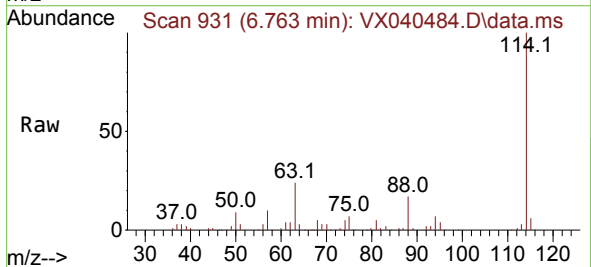
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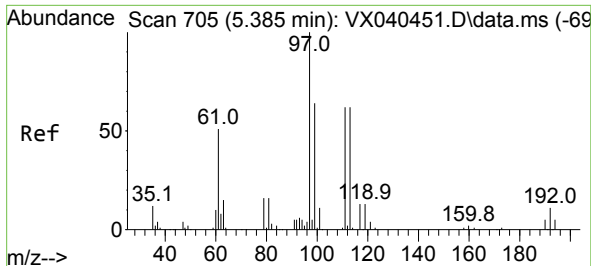
Tgt Ion: 65 Resp: 56258
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040484.D
 Acq: 27 Feb 2024 13:07

Tgt Ion: 114 Resp: 119558
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 45.0
 88 16.8 0.0 36.6

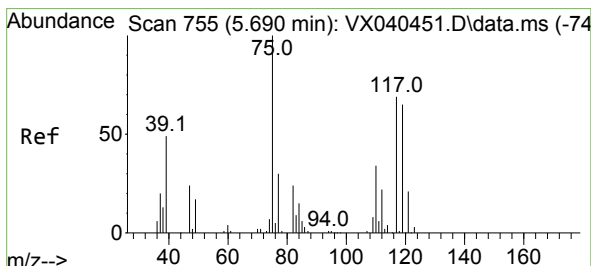
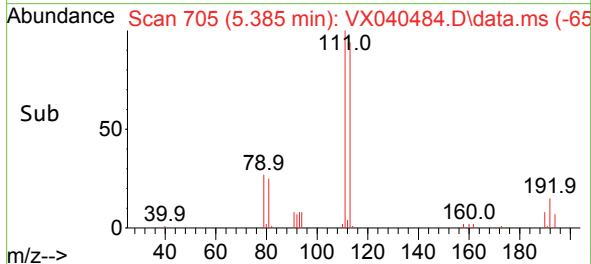
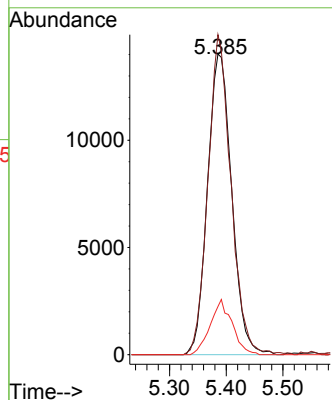
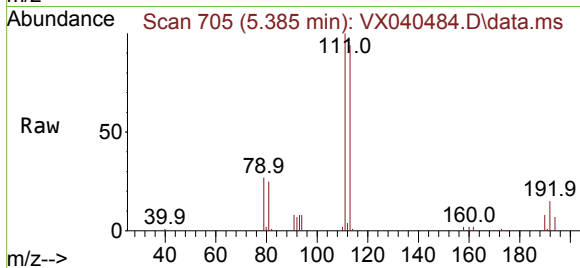




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040484.D
Acq: 27 Feb 2024 13:07

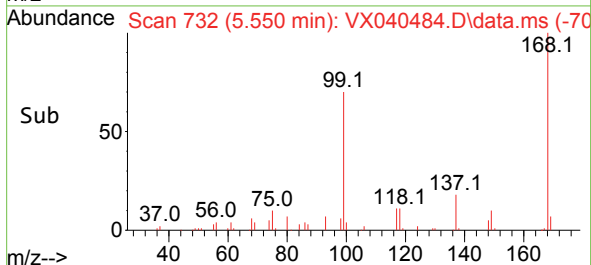
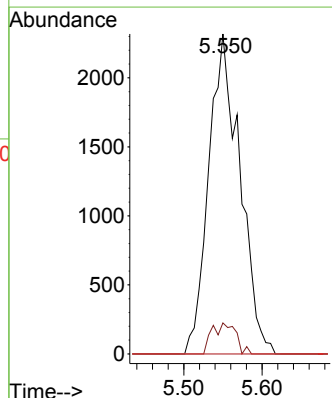
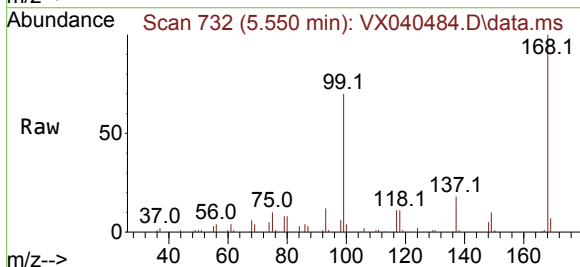
Instrument :
MSVOA_X
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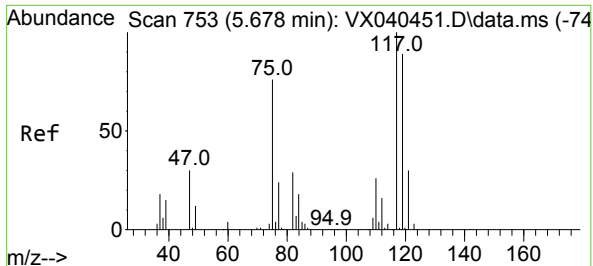
Tgt Ion:113 Resp: 41570
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.007 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040484.D
Acq: 27 Feb 2024 13:07

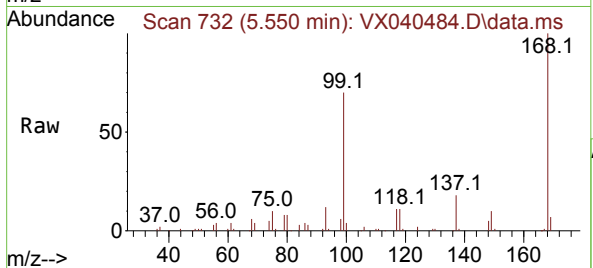
Tgt Ion: 75 Resp: 6413
Ion Ratio Lower Upper
75 100
110 7.4 17.0 50.9#
77 0.0 24.7 37.1#



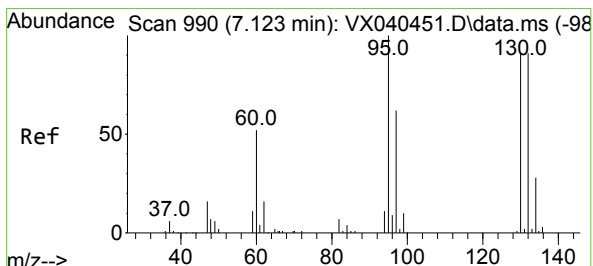
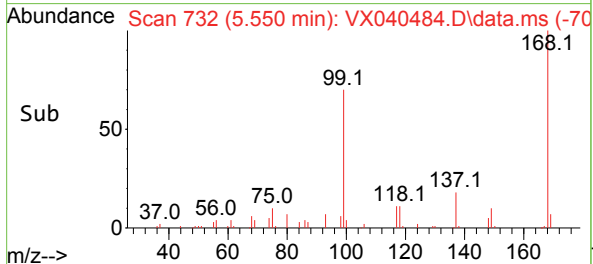
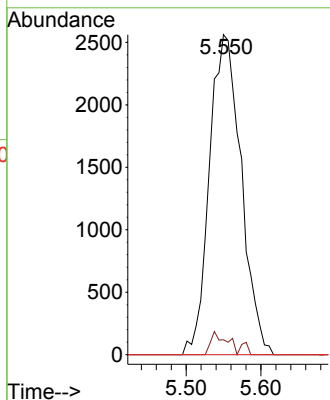


#38
Carbon Tetrachloride
Concen: 6.108 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040484.D
Acq: 27 Feb 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
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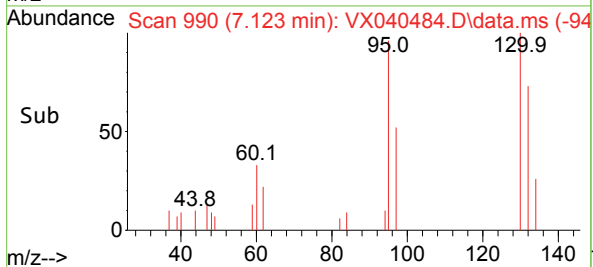
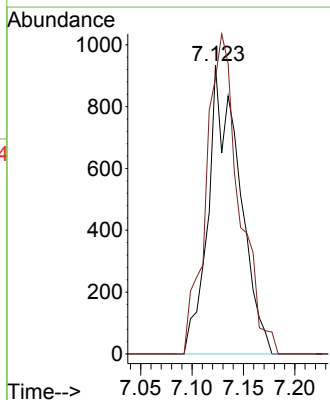
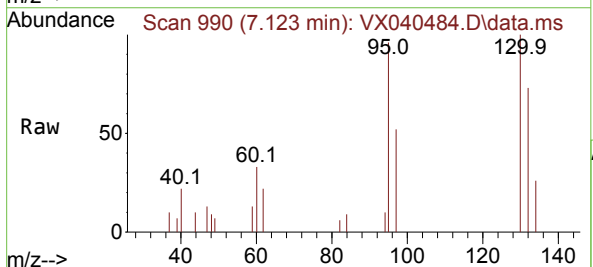


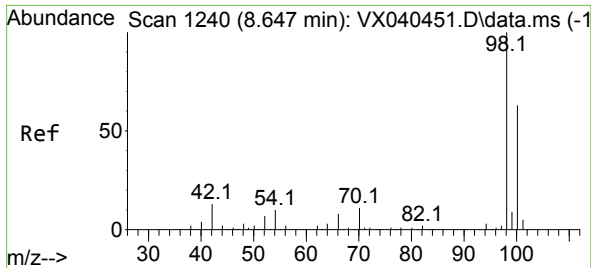
Tgt Ion:117 Resp: 7558
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 2.127 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040484.D
Acq: 27 Feb 2024 13:07

Tgt Ion:130 Resp: 1984
Ion Ratio Lower Upper
130 100
95 95.6 0.0 204.4

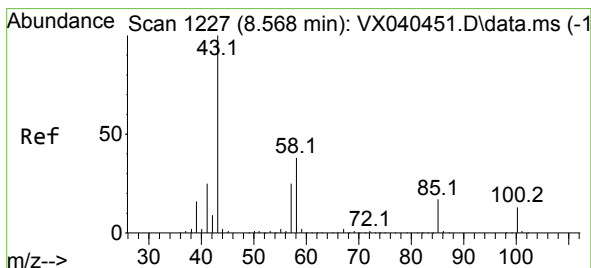
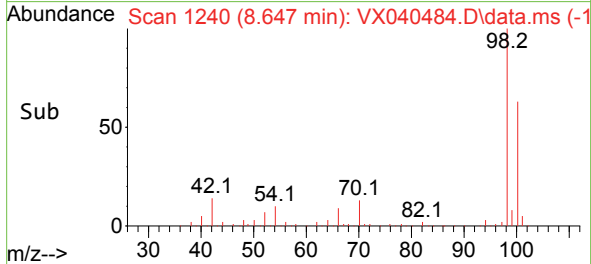
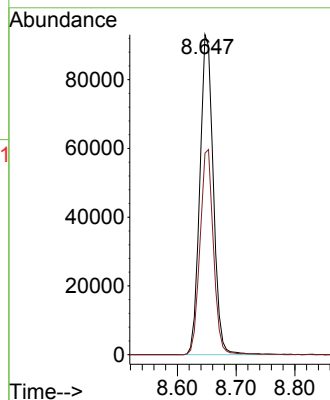
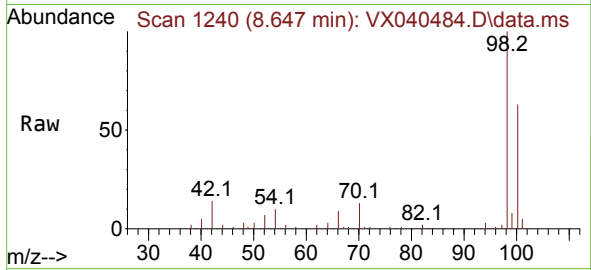




#50
Toluene-d8
Concen: 48.909 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040484.D
Acq: 27 Feb 2024 13:07

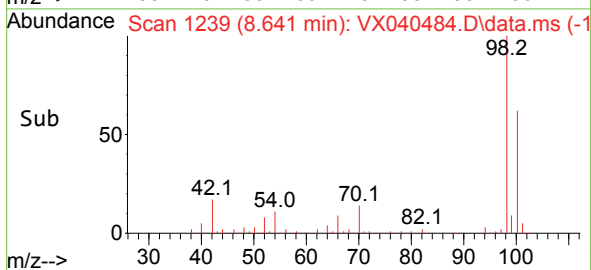
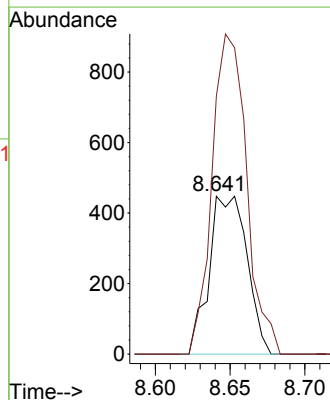
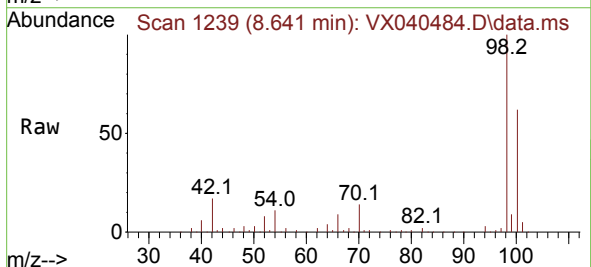
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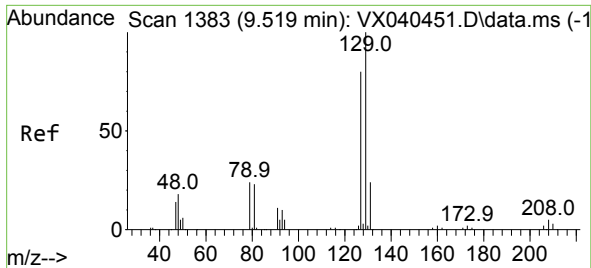
Tgt Ion: 98 Resp: 147602
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.544 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.073 min
Lab File: VX040484.D
Acq: 27 Feb 2024 13:07

Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
58 184.6 30.4 45.6#

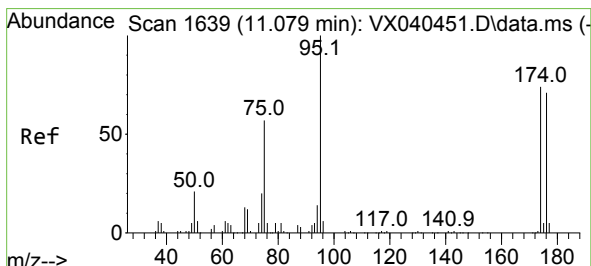
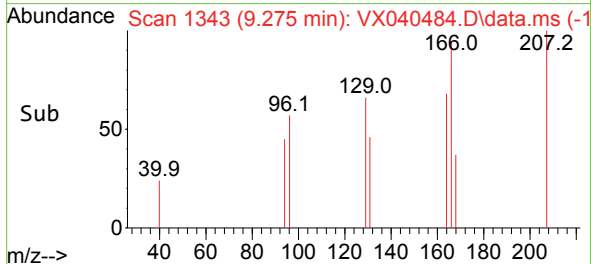
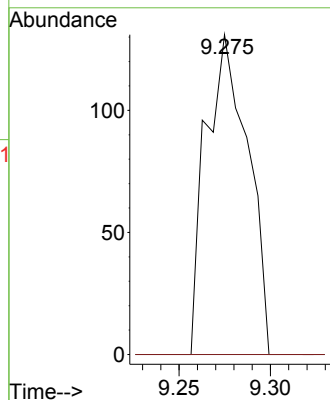
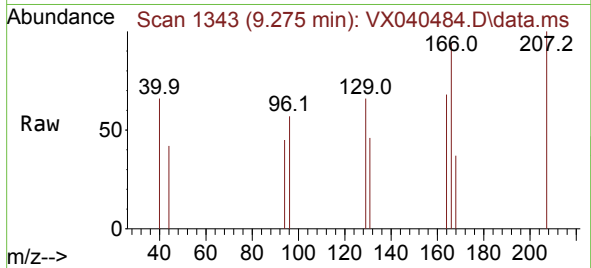




#60
Dibromochloromethane
Concen: 0.219 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX040484.D
Acq: 27 Feb 2024 13:07

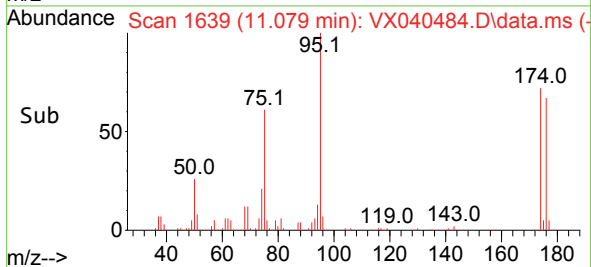
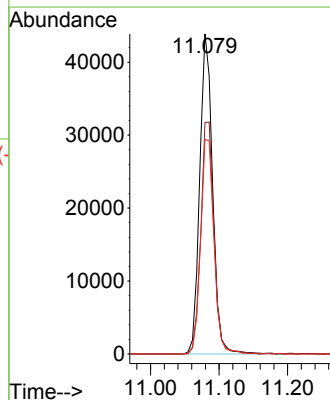
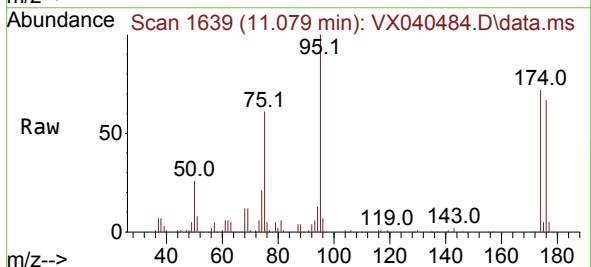
Instrument :
MSVOA_X
ClientSampleId :
TT180D-20240221

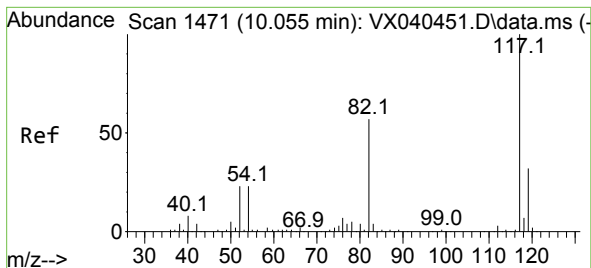
Tgt Ion:129 Resp: 210
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 49.944 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040484.D
Acq: 27 Feb 2024 13:07

Tgt Ion: 95 Resp: 57455
Ion Ratio Lower Upper
95 100
174 74.5 0.0 135.6
176 69.3 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040484.D

Acq: 27 Feb 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

TT180D-20240221

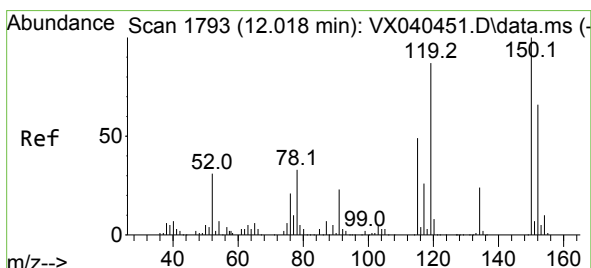
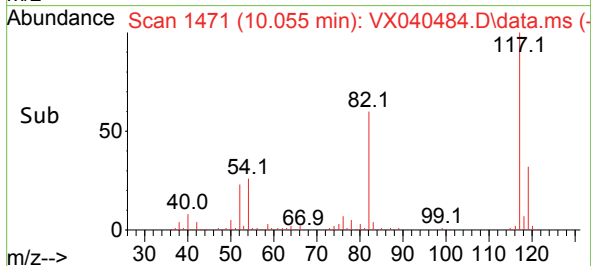
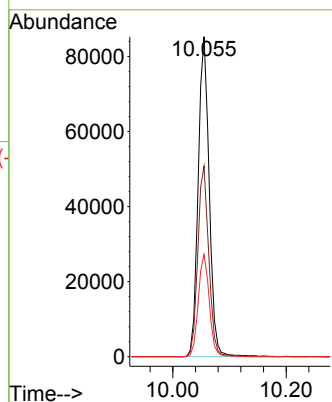
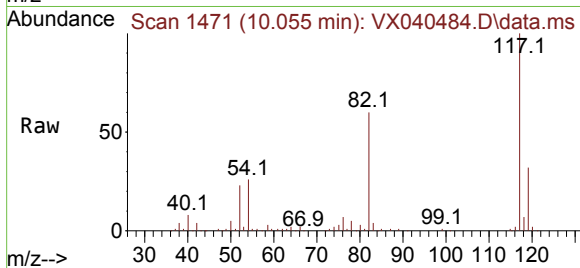
Tgt Ion:117 Resp: 114996

Ion Ratio Lower Upper

117 100

82 59.5 46.2 69.4

119 31.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040484.D

Acq: 27 Feb 2024 13:07

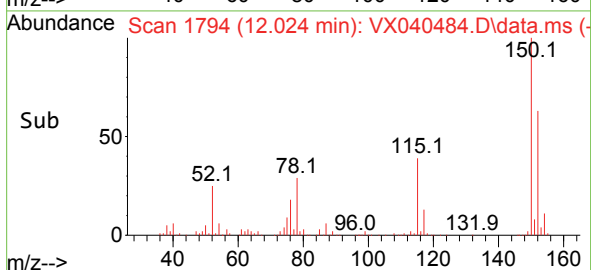
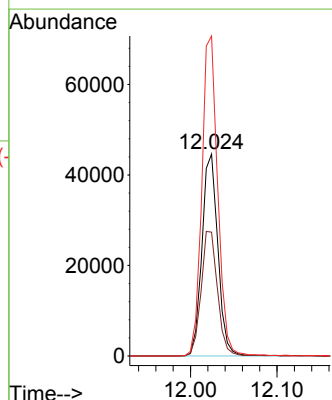
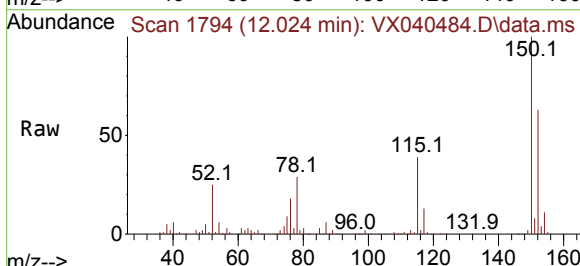
Tgt Ion:152 Resp: 56876

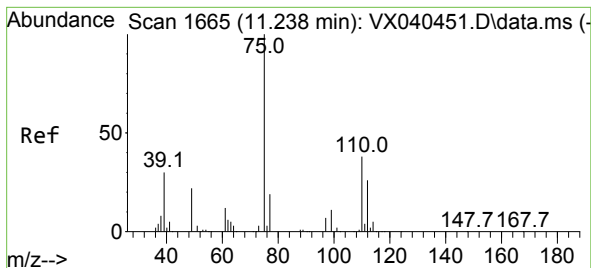
Ion Ratio Lower Upper

152 100

115 63.3 43.3 129.9

150 158.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.522 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040484.D

Acq: 27 Feb 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

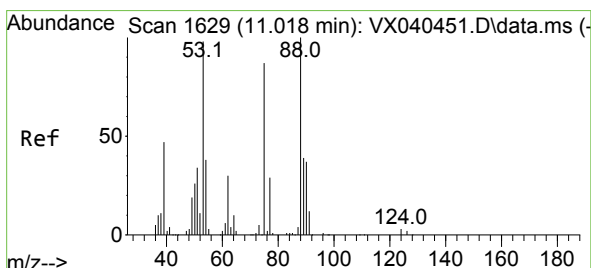
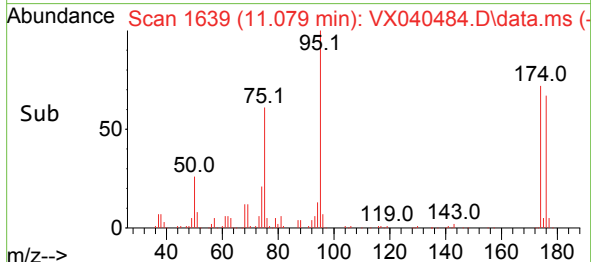
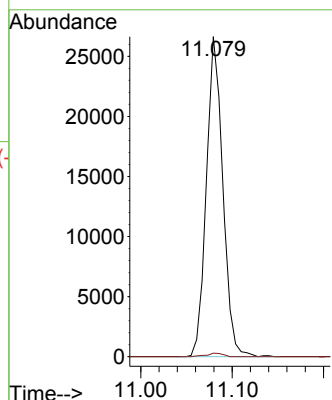
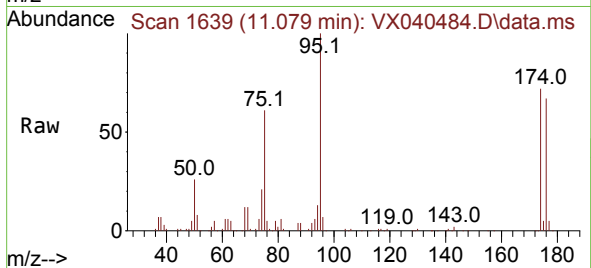
TT180D-20240221

Tgt Ion: 75 Resp: 33199

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.076 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040484.D

Acq: 27 Feb 2024 13:07

Tgt Ion: 75 Resp: 33199

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

