

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040468.D
 Acq On : 26 Feb 2024 18:11
 Operator : JC/MD
 Sample : P1578-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT119S1-20240220

Quant Time: Feb 27 05:12:24 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)

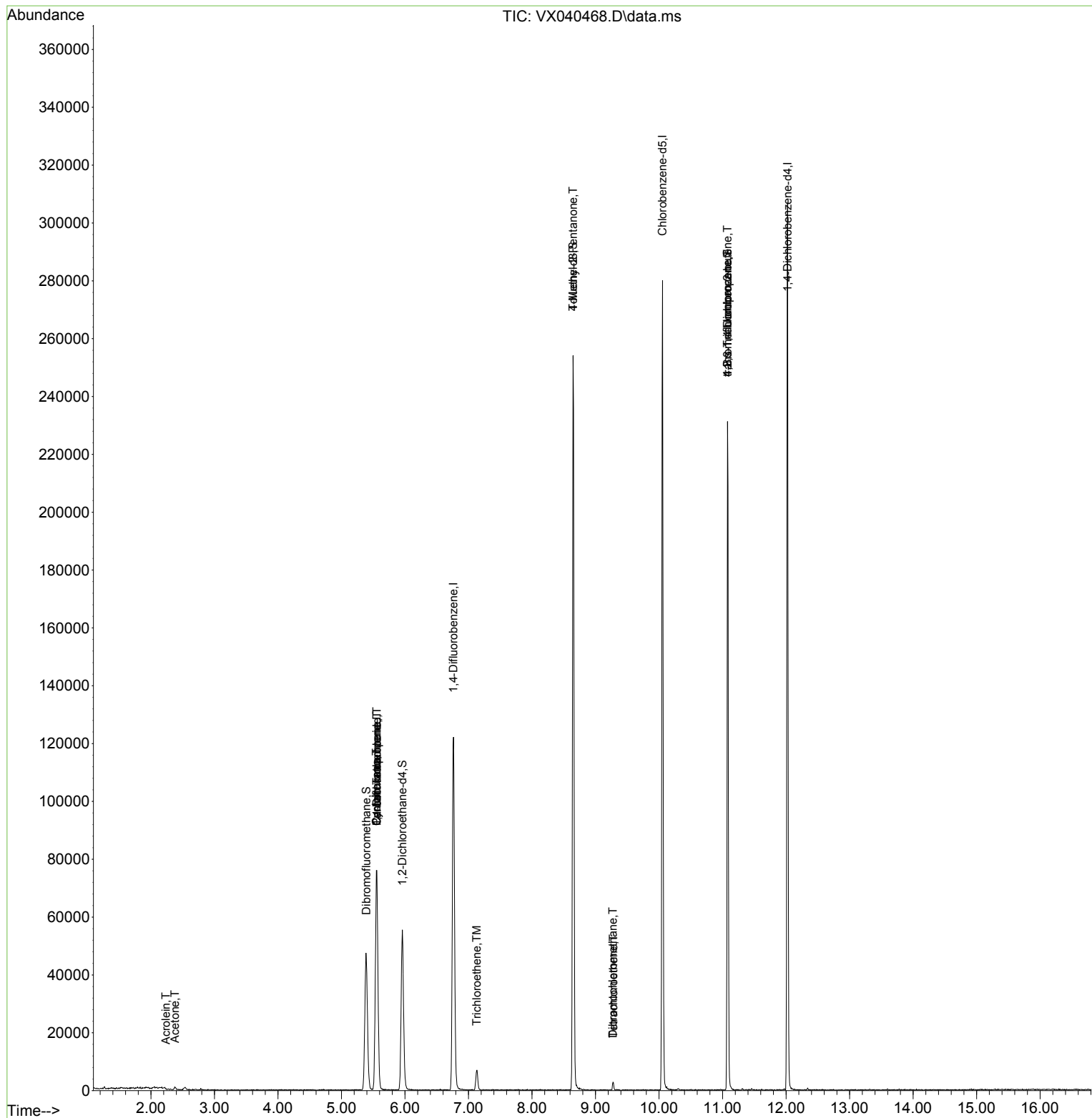
Internal Standards						
1) Pentafluorobenzene	5.556	168	65867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54373	49.355	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.720%
35) Dibromofluoromethane	5.391	113	40050	48.733	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.460%
50) Toluene-d8	8.647	98	144979	48.600	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.079	95	59063	51.940	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.880%
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	71	0.598	ug/l #	72
16) Acetone	2.380	43	924	2.572	ug/l	96
31) Cyclohexane	5.550	56	1985	1.590	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	6206	4.901	ug/l #	48
38) Carbon Tetrachloride	5.556	117	7371	6.026	ug/l #	18
44) Trichloroethene	7.129	130	2543	2.758	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	862	0.600	ug/l #	1
60) Dibromochloromethane	9.275	129	468	0.494	ug/l #	11
64) Tetrachloroethene	9.281	164	573	0.707	ug/l #	68
76) 1,2,3-Trichloropropane	11.079	75	34187	26.143	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	34187	76.063	ug/l #	5

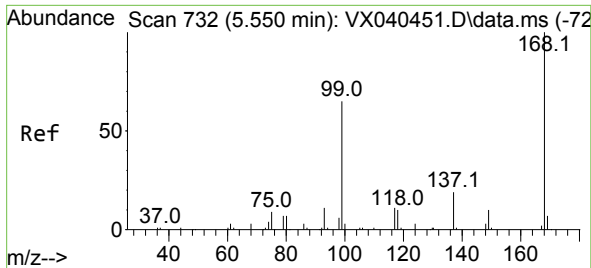
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
Data File : VX040468.D
Acq On : 26 Feb 2024 18:11
Operator : JC/MD
Sample : P1578-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20240220

Quant Time: Feb 27 05:12:24 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

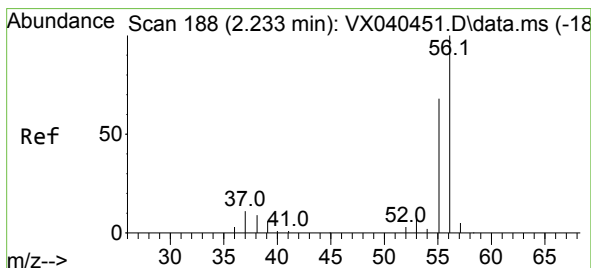
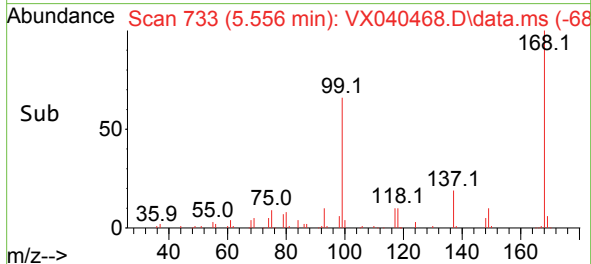
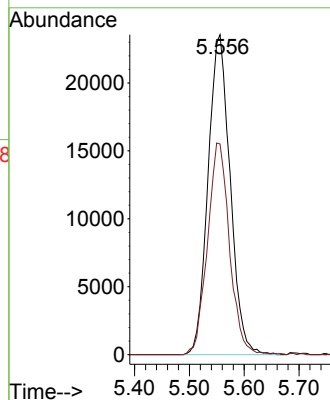
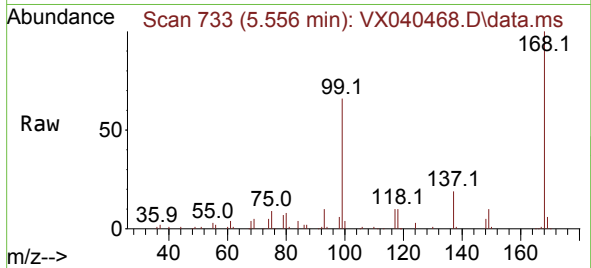




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040468.D
Acq: 26 Feb 2024 18:11

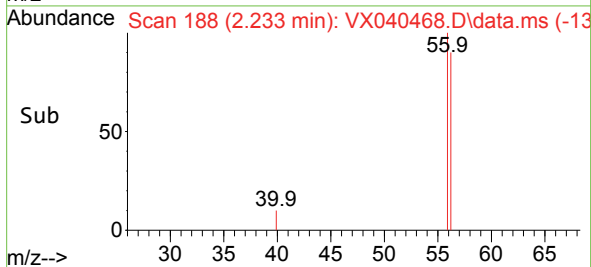
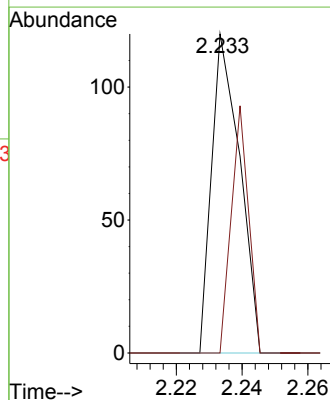
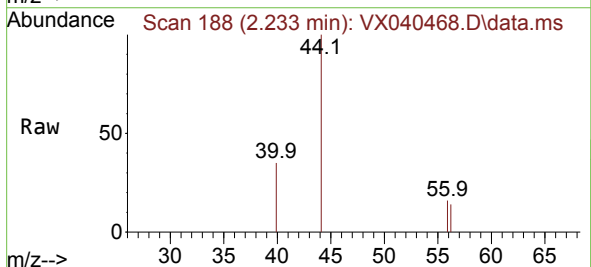
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20240220

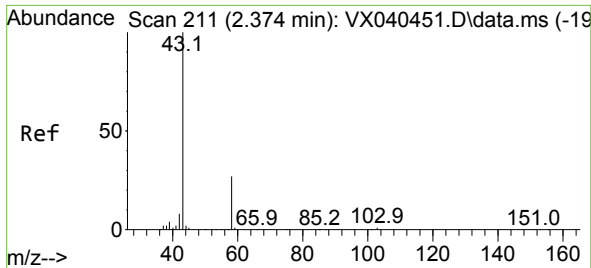
Tgt Ion:168 Resp: 65867
Ion Ratio Lower Upper
168 100
99 65.8 56.6 85.0



#13
Acrolein
Concen: 0.598 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX040468.D
Acq: 26 Feb 2024 18:11

Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 47.9 57.1 85.7#

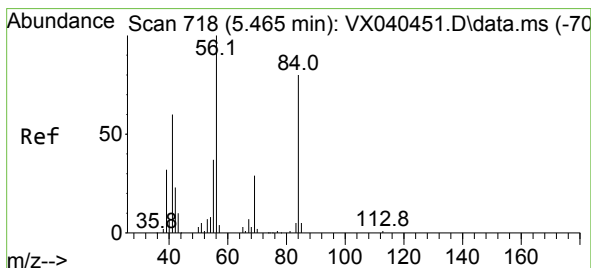
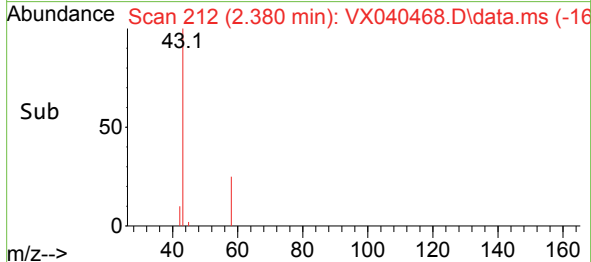
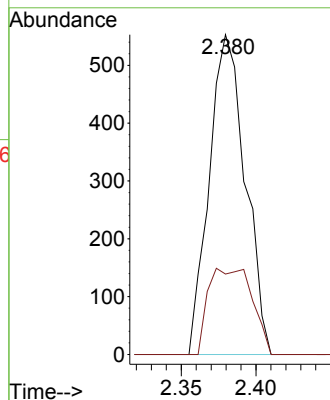
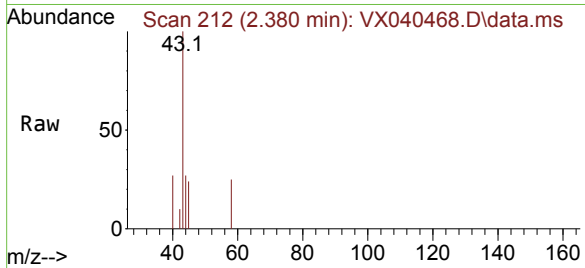




#16
Acetone
Concen: 2.572 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040468.D
Acq: 26 Feb 2024 18:11

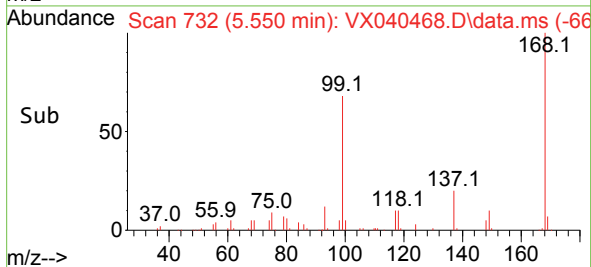
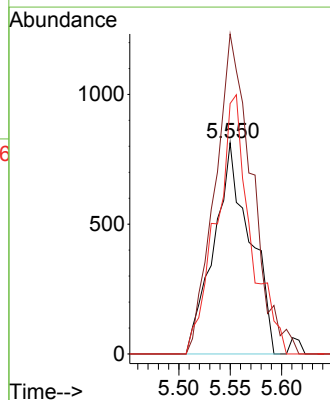
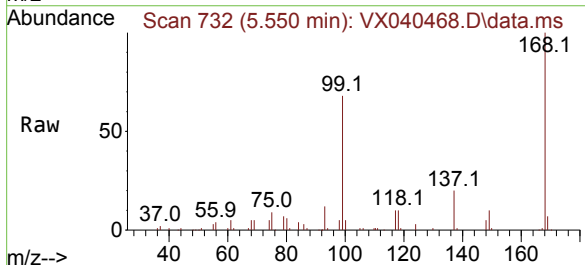
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20240220

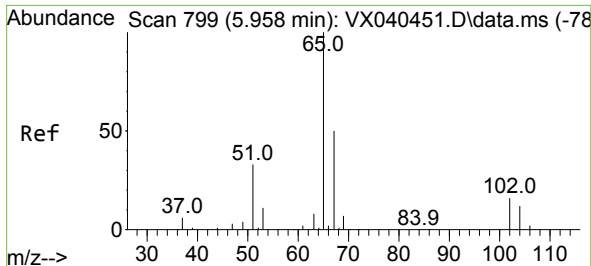
Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
58 25.1 21.9 32.9



#31
Cyclohexane
Concen: 1.590 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX040468.D
Acq: 26 Feb 2024 18:11

Tgt Ion: 56 Resp: 1985
Ion Ratio Lower Upper
56 100
69 151.5 23.4 35.2#
84 118.6 65.9 98.9#

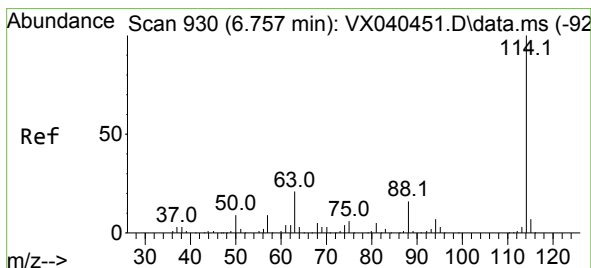
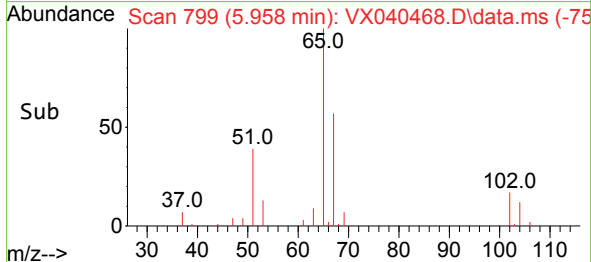
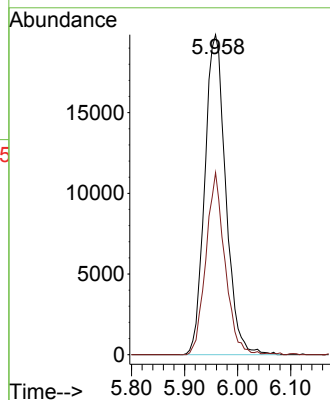
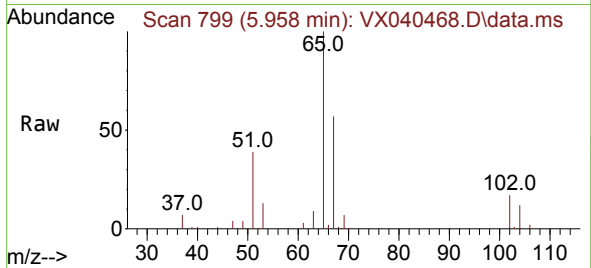




#33
 1,2-Dichloroethane-d4
 Concen: 49.355 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX040468.D
 Acq: 26 Feb 2024 18:11

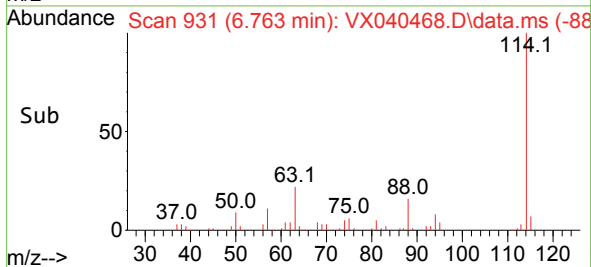
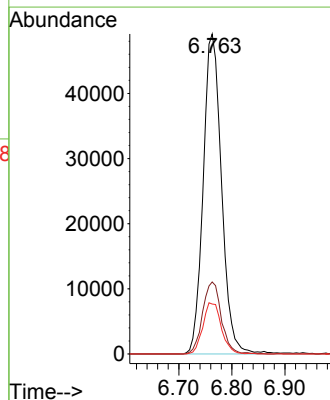
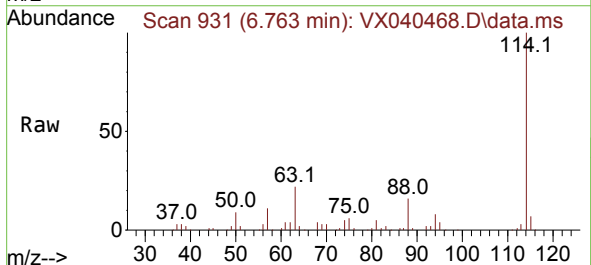
Instrument :
 MSVOA_X
 ClientSampleId :
 TT119S1-20240220

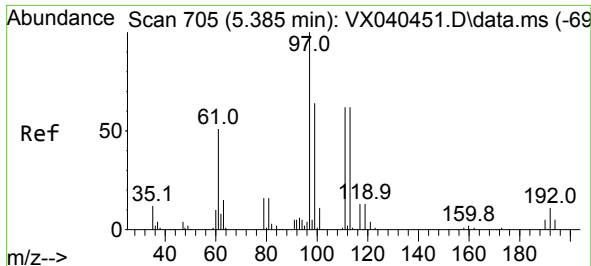
Tgt Ion: 65 Resp: 54373
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040468.D
 Acq: 26 Feb 2024 18:11

Tgt Ion: 114 Resp: 118181
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.0
 88 15.6 0.0 36.6

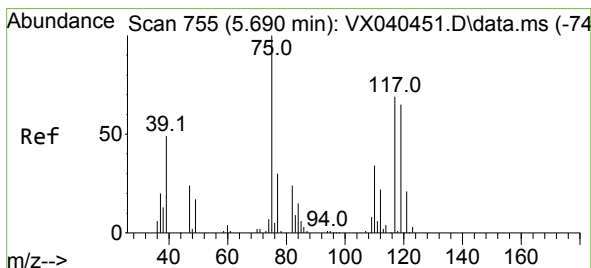
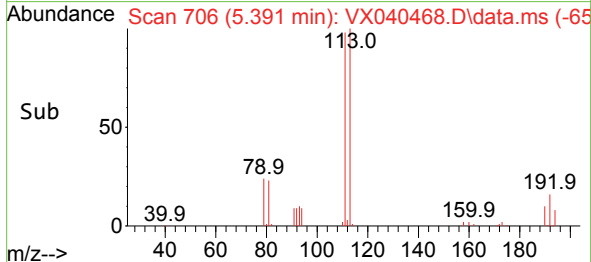
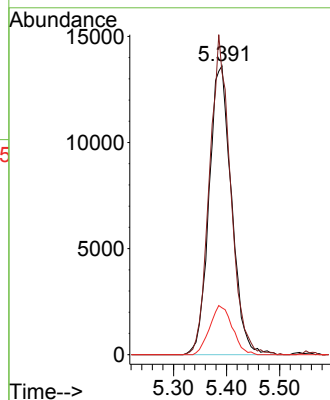
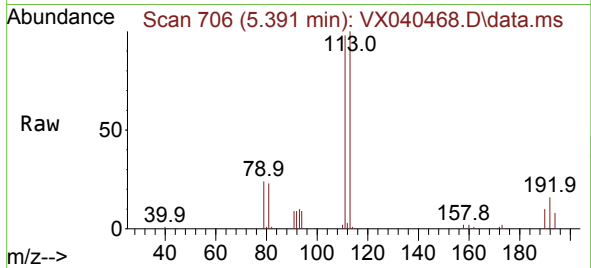




#35
Dibromofluoromethane
Concen: 48.733 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040468.D
Acq: 26 Feb 2024 18:11

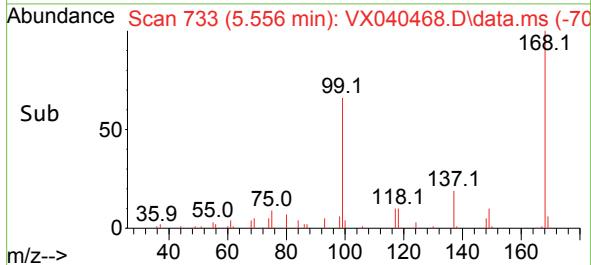
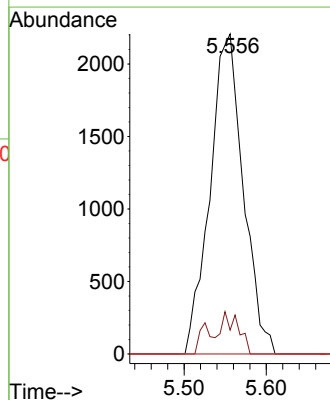
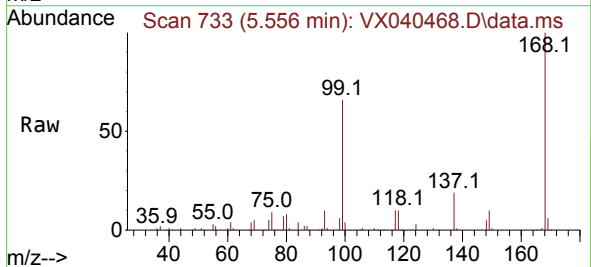
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20240220

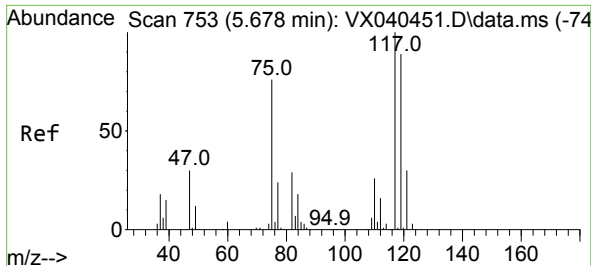
Tgt Ion:113 Resp: 40050
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 17.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.901 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX040468.D
Acq: 26 Feb 2024 18:11

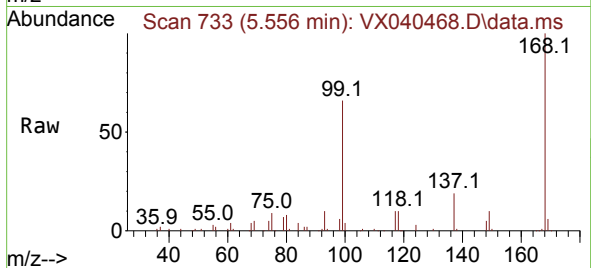
Tgt Ion: 75 Resp: 6206
Ion Ratio Lower Upper
75 100
110 6.7 17.0 50.9#
77 0.0 24.7 37.1#



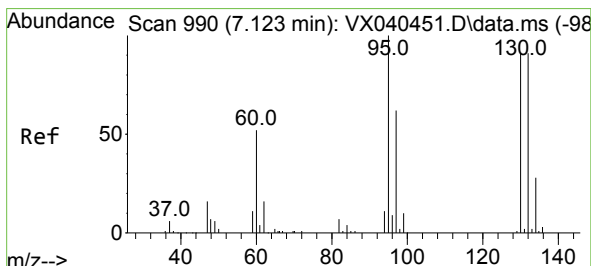
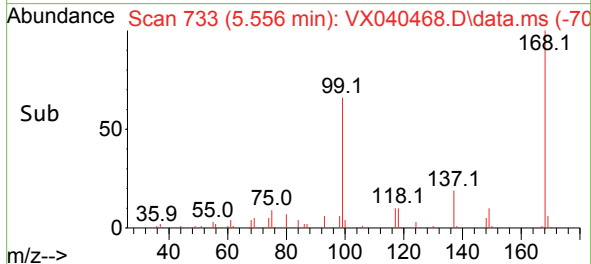
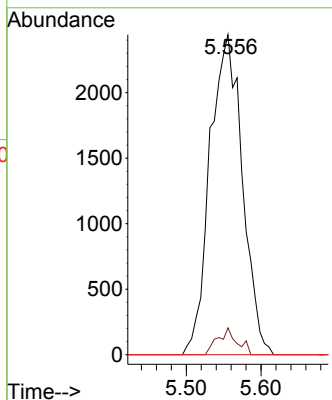


#38
Carbon Tetrachloride
Concen: 6.026 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX040468.D
Acq: 26 Feb 2024 18:11

Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20240220

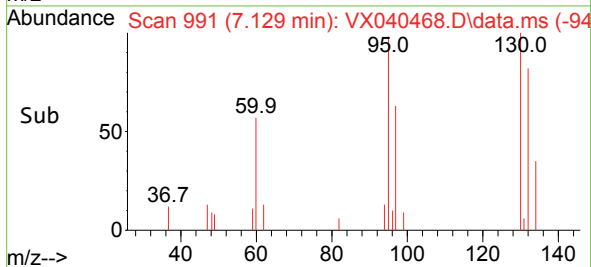
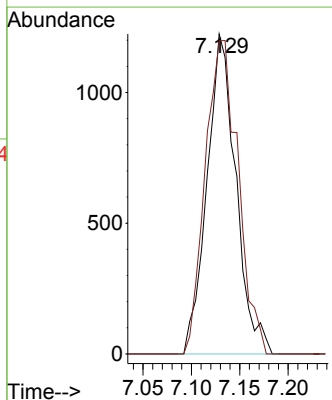
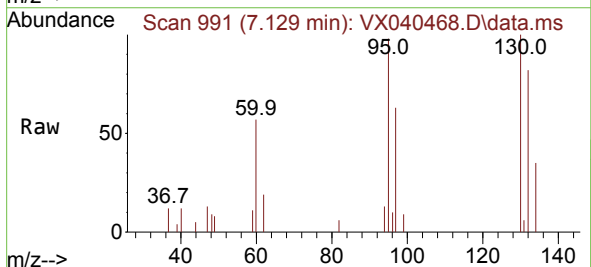


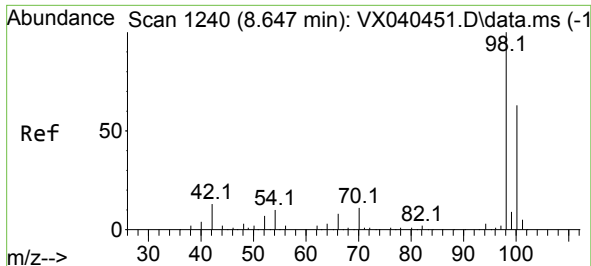
Tgt Ion:117 Resp: 7371
Ion Ratio Lower Upper
117 100
119 8.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 2.758 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040468.D
Acq: 26 Feb 2024 18:11

Tgt Ion:130 Resp: 2543
Ion Ratio Lower Upper
130 100
95 97.9 0.0 204.4

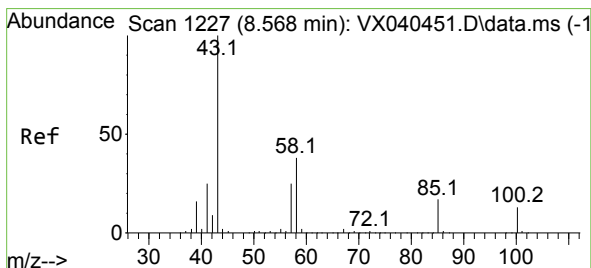
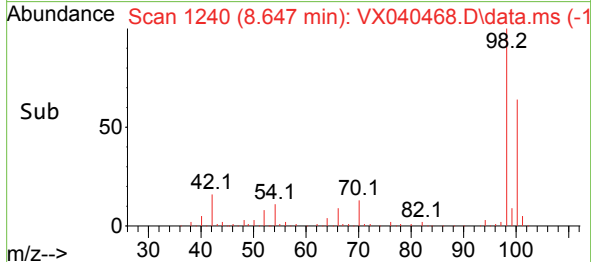
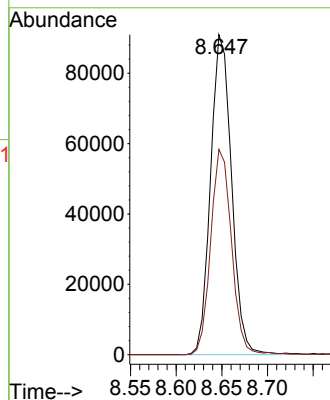
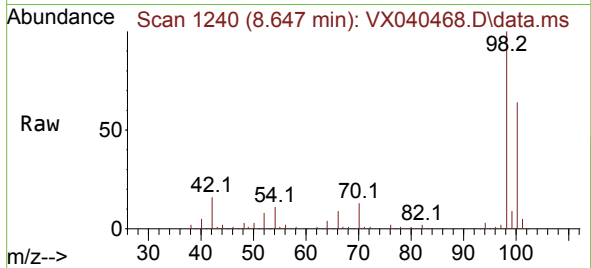




#50
Toluene-d8
Concen: 48.600 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040468.D
Acq: 26 Feb 2024 18:11

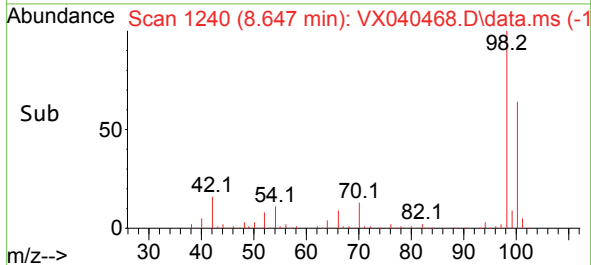
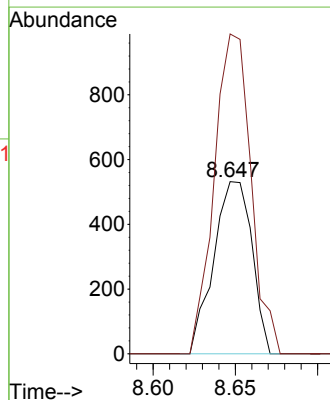
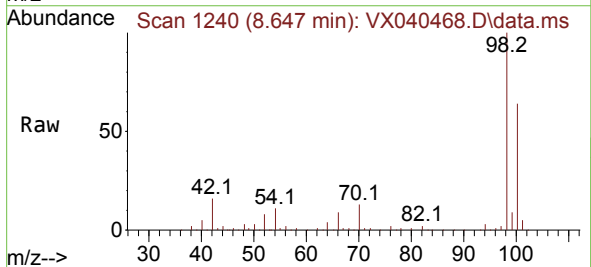
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20240220

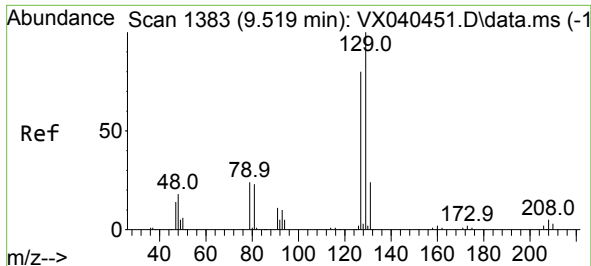
Tgt Ion: 98 Resp: 144979
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX040468.D
Acq: 26 Feb 2024 18:11

Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 178.2 30.4 45.6#

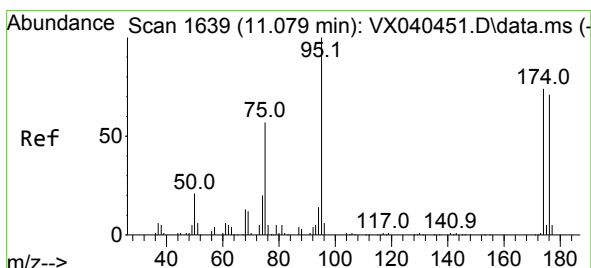
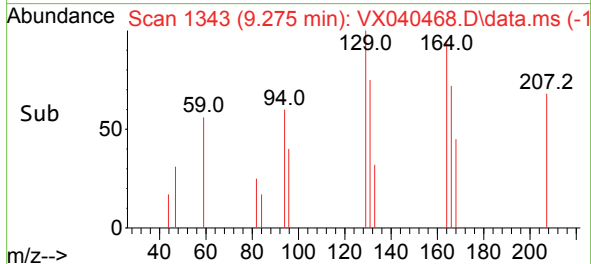
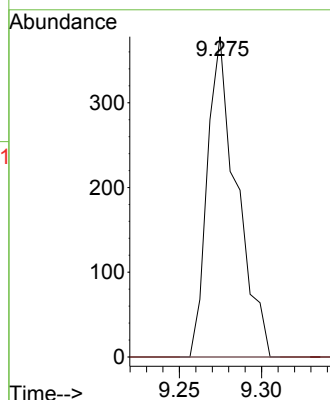
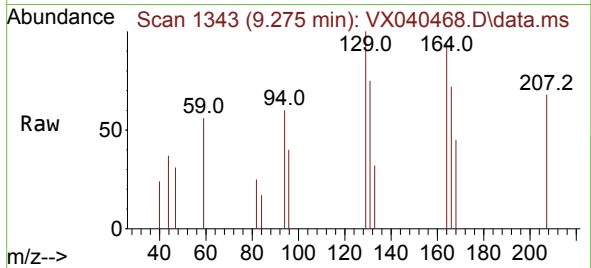




#60
Dibromochloromethane
Concen: 0.494 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX040468.D
Acq: 26 Feb 2024 18:11

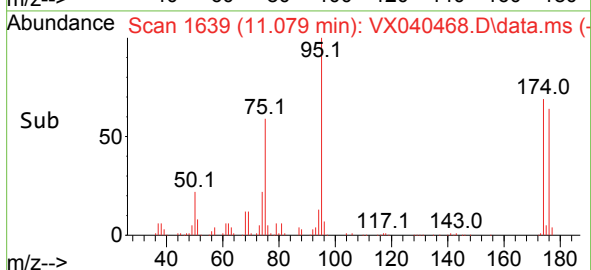
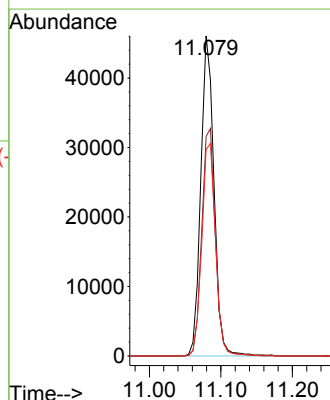
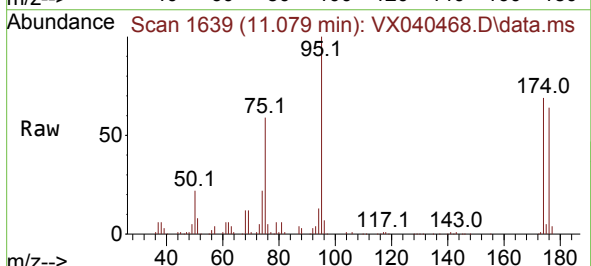
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20240220

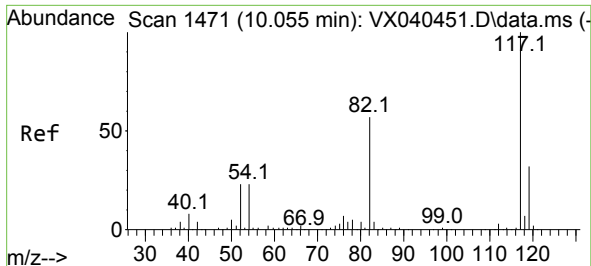
Tgt Ion:129 Resp: 468
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 51.940 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040468.D
Acq: 26 Feb 2024 18:11

Tgt Ion: 95 Resp: 59063
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 69.2 0.0 131.0

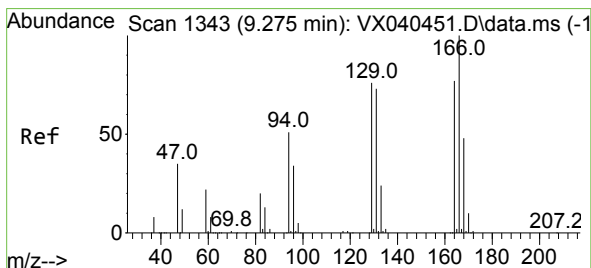
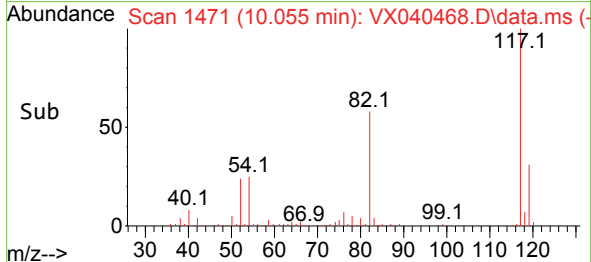
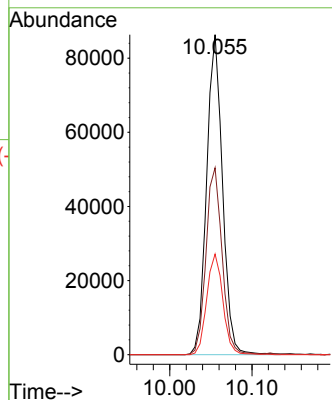
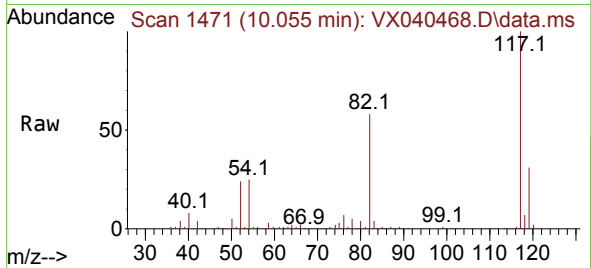




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040468.D
Acq: 26 Feb 2024 18:11

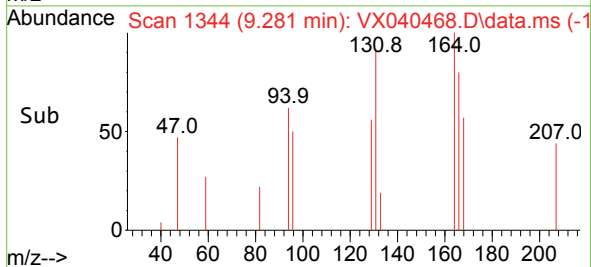
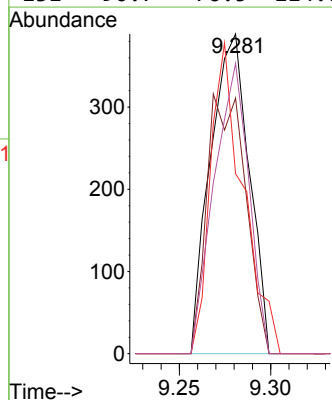
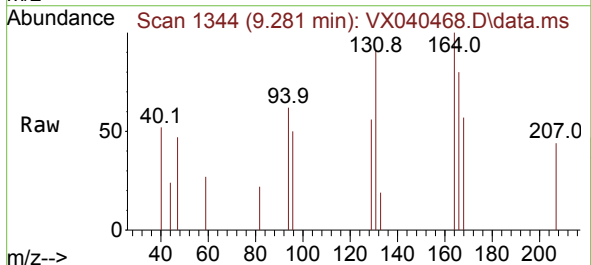
Instrument :
MSVOA_X
ClientSampleId :
TT119S1-20240220

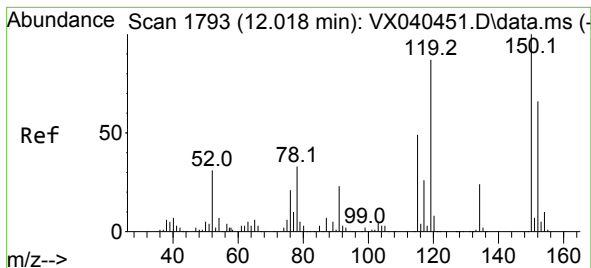
Tgt Ion:117 Resp: 115448
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.707 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX040468.D
Acq: 26 Feb 2024 18:11

Tgt Ion:164 Resp: 573
Ion Ratio Lower Upper
164 100
166 79.9 102.7 154.1#
129 56.3 80.4 120.6#
131 90.7 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040468.D

Acq: 26 Feb 2024 18:11

Instrument :

MSVOA_X

ClientSampleId :

TT119S1-20240220

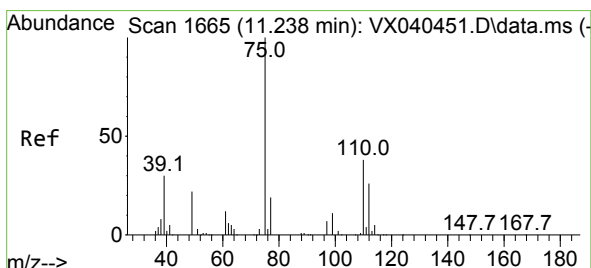
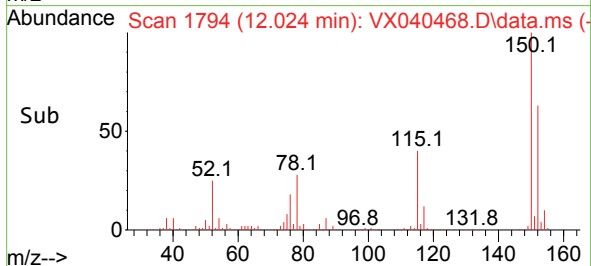
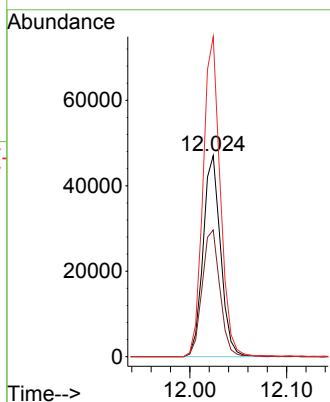
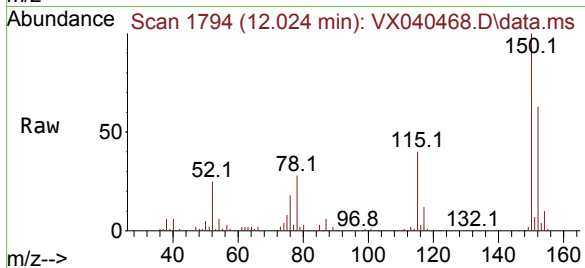
Tgt Ion:152 Resp: 59419

Ion Ratio Lower Upper

152 100

115 64.0 43.3 129.9

150 156.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.143 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040468.D

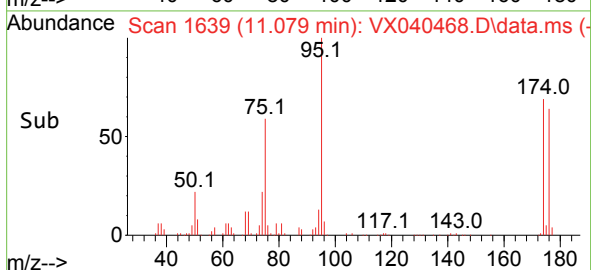
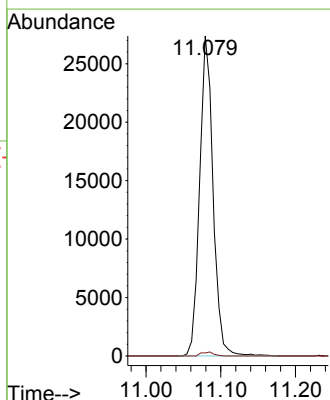
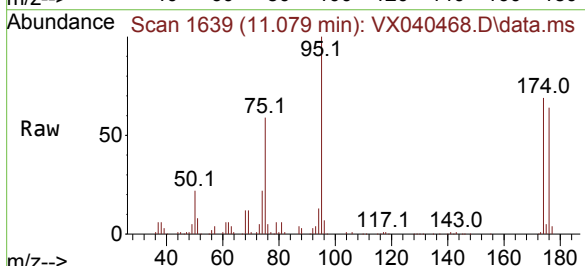
Acq: 26 Feb 2024 18:11

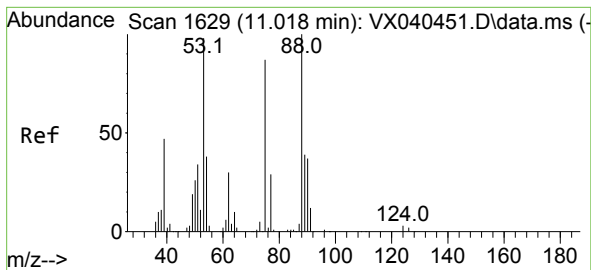
Tgt Ion: 75 Resp: 34187

Ion Ratio Lower Upper

75 100

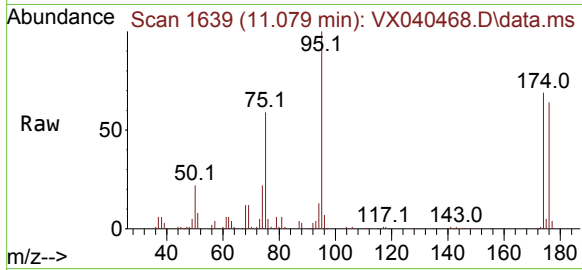
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.063 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040468.D
 Acq: 26 Feb 2024 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 TT119S1-20240220



Tgt Ion: 75 Resp: 34187
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

