

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040467.D
 Acq On : 26 Feb 2024 17:48
 Operator : JC/MD
 Sample : P1578-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT14911-20240222

Quant Time: Feb 27 05:12:03 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)

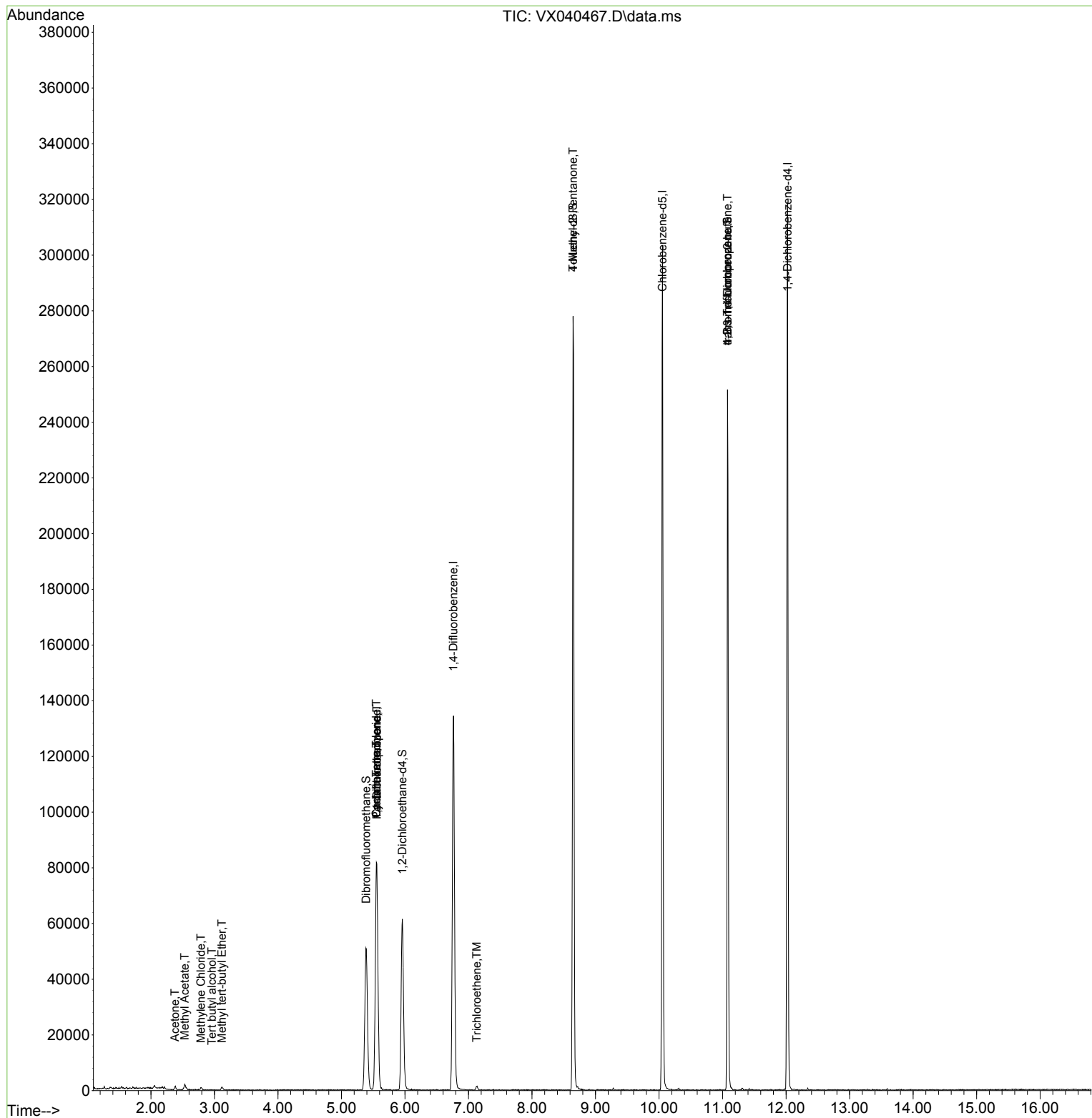
Internal Standards						
1) Pentafluorobenzene	5.556	168	73344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128564	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59796	48.744	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.480%		
35) Dibromofluoromethane	5.385	113	43471	48.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.240%		
50) Toluene-d8	8.647	98	158605	48.874	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.740%		
62) 4-Bromofluorobenzene	11.079	95	63911	51.664	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.320%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	64	0.310	ug/l #	78
16) Acetone	2.380	43	1275	3.187	ug/l	98
18) Methyl Acetate	2.532	43	719	0.583	ug/l #	53
19) Methyl tert-butyl Ether	3.117	73	1124	0.394	ug/l	93
20) Methylene Chloride	2.788	84	390	0.407	ug/l #	89
31) Cyclohexane	5.550	56	1991	1.433	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	7253	5.266	ug/l #	47
38) Carbon Tetrachloride	5.550	117	7828	5.883	ug/l #	17
44) Trichloroethene	7.129	130	539	0.537	ug/l	65
51) 4-Methyl-2-Pentanone	8.647	43	883	0.565	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36187	25.735	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	36187	74.974	ug/l #	5

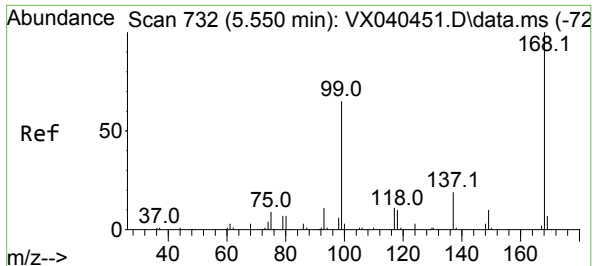
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
Data File : VX040467.D
Acq On : 26 Feb 2024 17:48
Operator : JC/MD
Sample : P1578-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT149I1-20240222

Quant Time: Feb 27 05:12:03 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

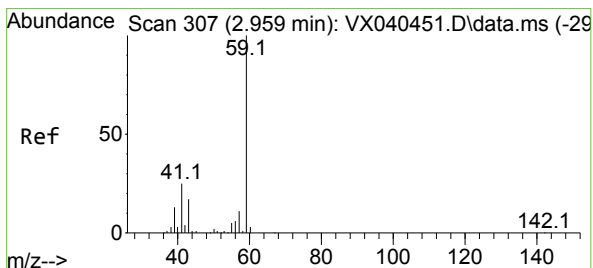
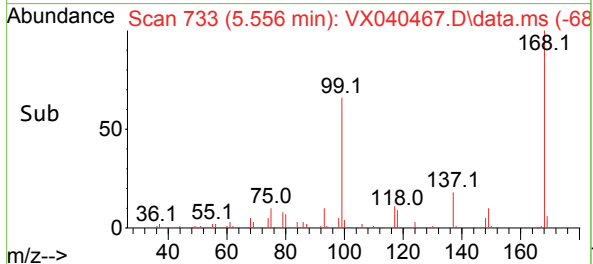
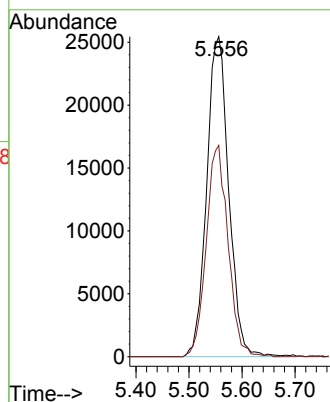
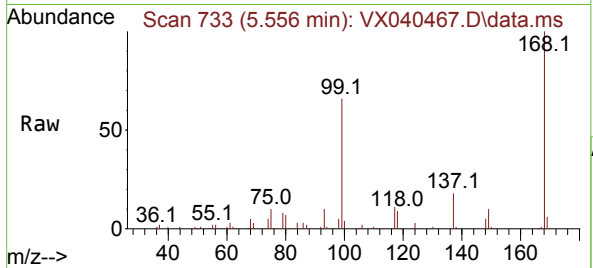




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

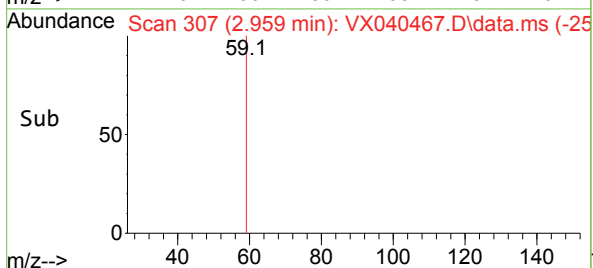
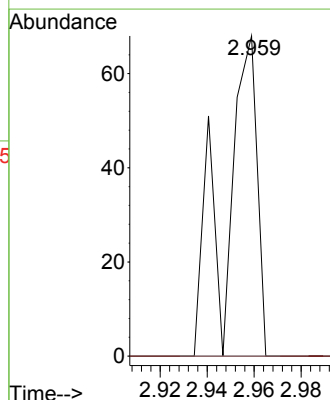
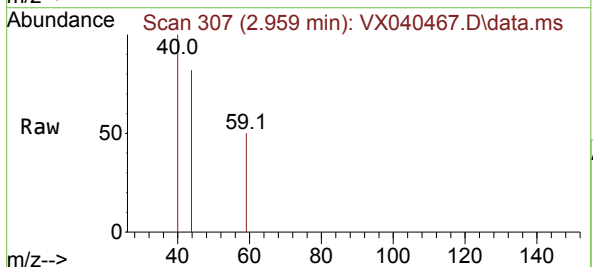
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20240222

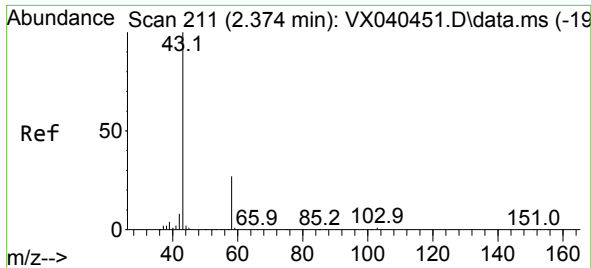
Tgt Ion:168 Resp: 73344
Ion Ratio Lower Upper
168 100
99 66.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.310 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

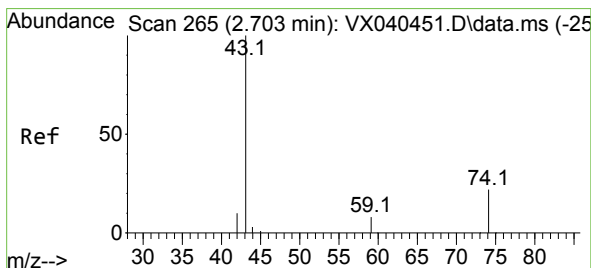
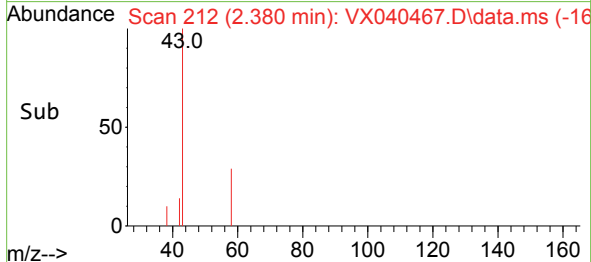
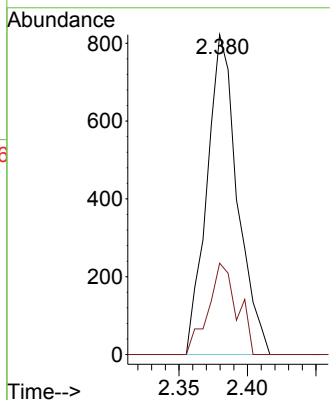
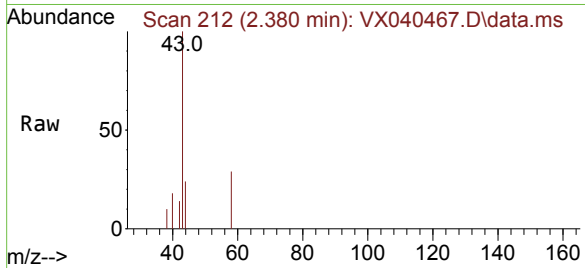




#16
Acetone
Concen: 3.187 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

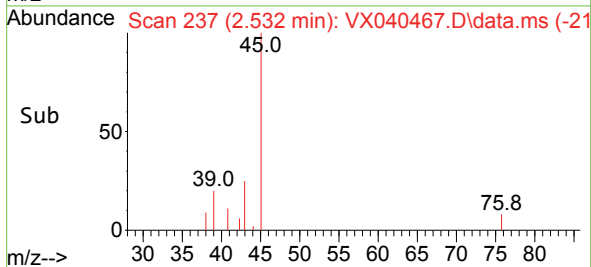
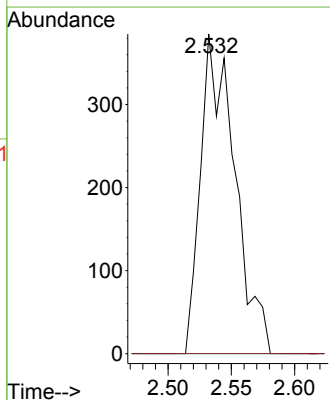
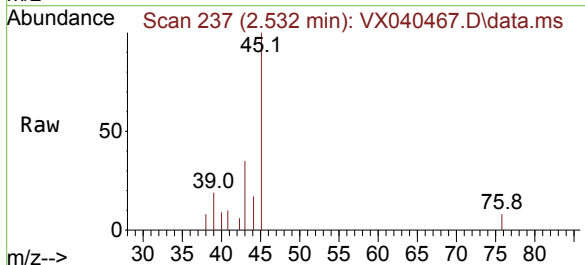
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20240222

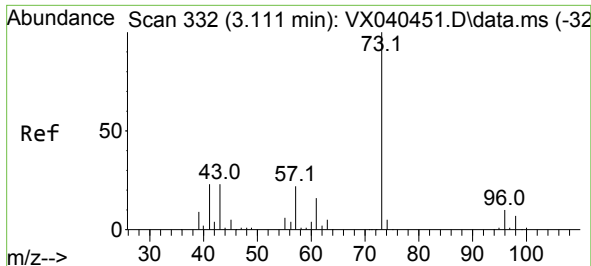
Tgt Ion: 43 Resp: 1275
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9



#18
Methyl Acetate
Concen: 0.583 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

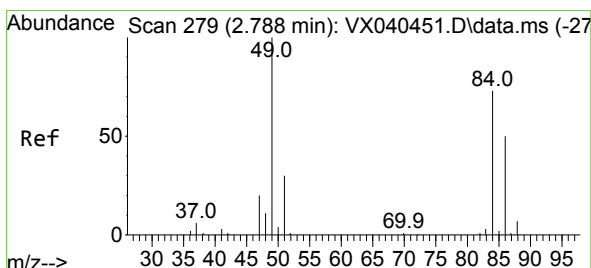
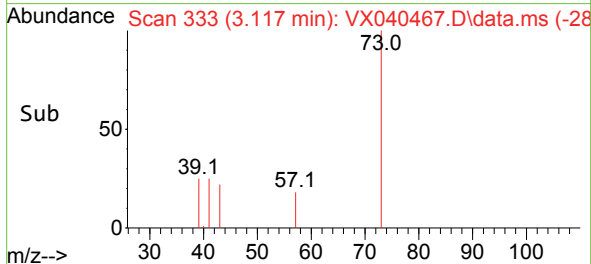
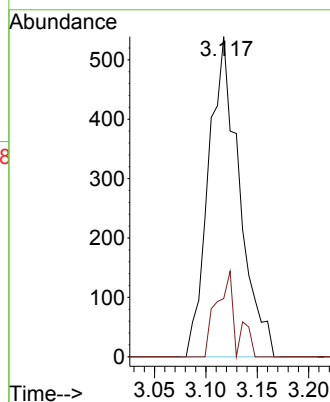
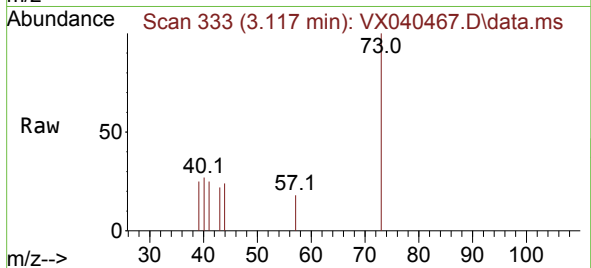




#19
Methyl tert-butyl Ether
Concen: 0.394 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

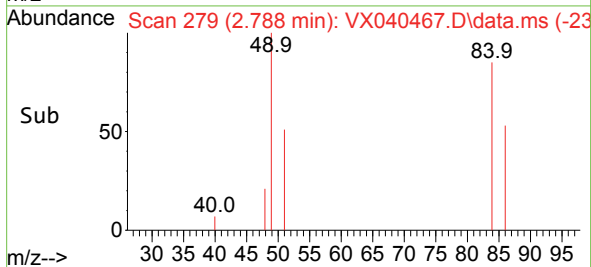
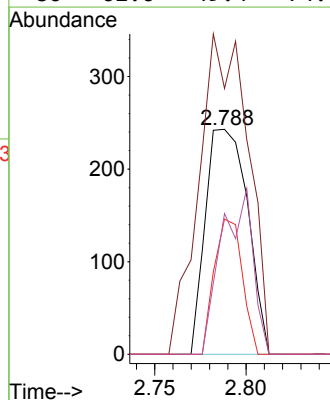
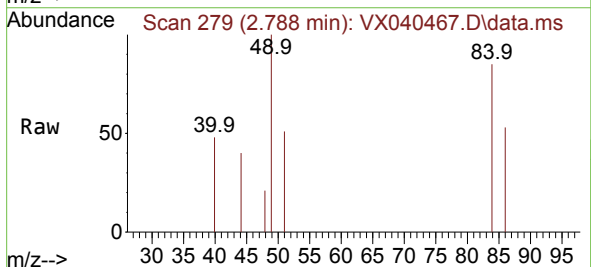
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20240222

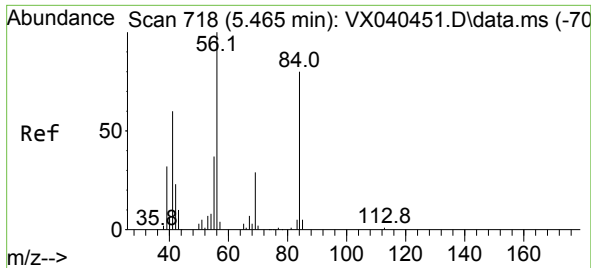
Tgt Ion: 73 Resp: 1124
Ion Ratio Lower Upper
73 100
57 18.2 17.3 25.9



#20
Methylene Chloride
Concen: 0.407 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Tgt Ion: 84 Resp: 390
Ion Ratio Lower Upper
84 100
49 118.1 103.6 155.4
51 60.1 33.8 50.6#
86 62.6 49.4 74.0

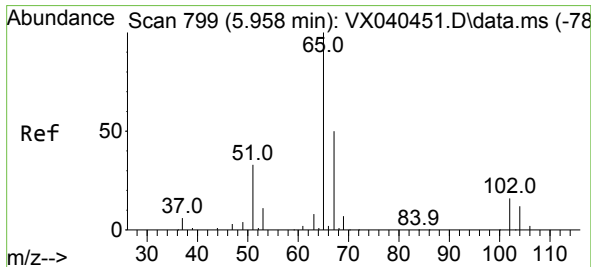
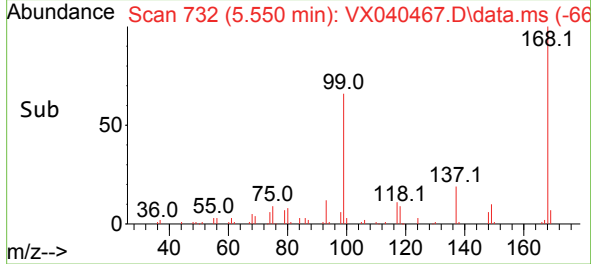
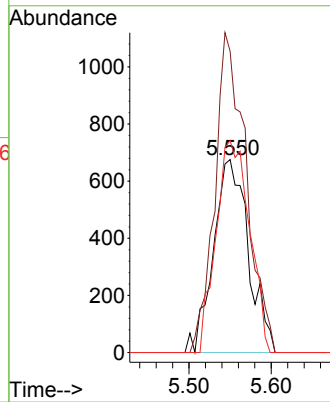
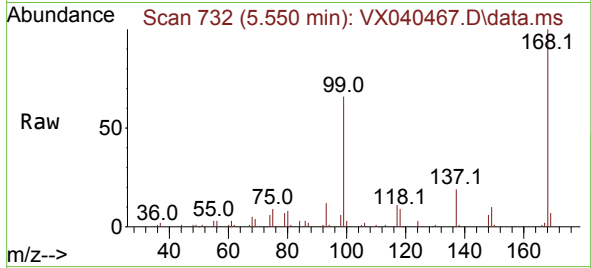




#31
Cyclohexane
Concen: 1.433 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

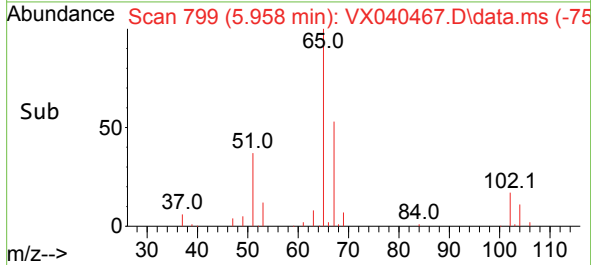
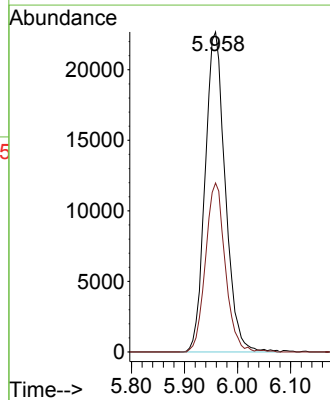
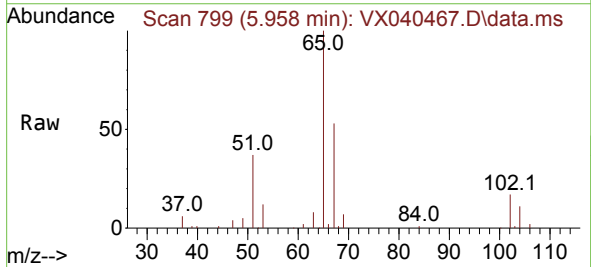
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20240222

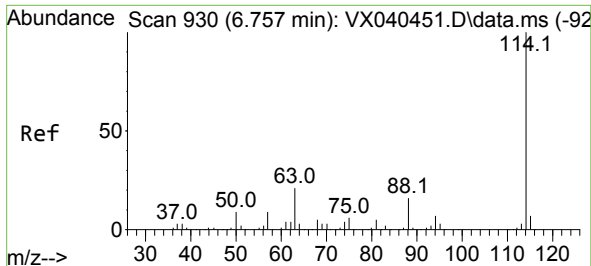
Tgt Ion: 56 Resp: 1991
Ion Ratio Lower Upper
56 100
69 156.1 23.4 35.2#
84 109.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.744 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Tgt Ion: 65 Resp: 59796
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

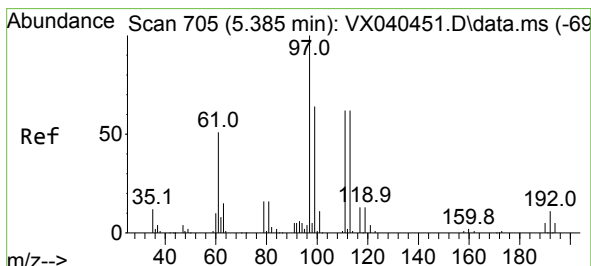
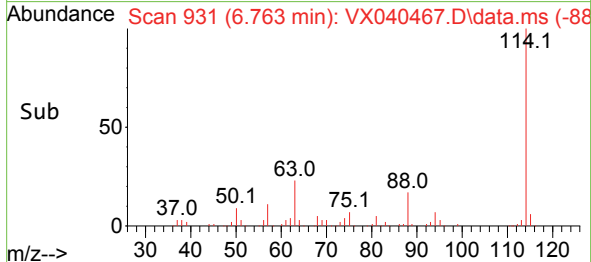
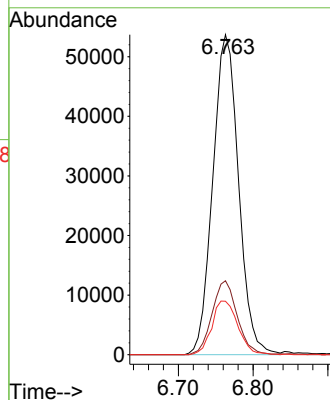
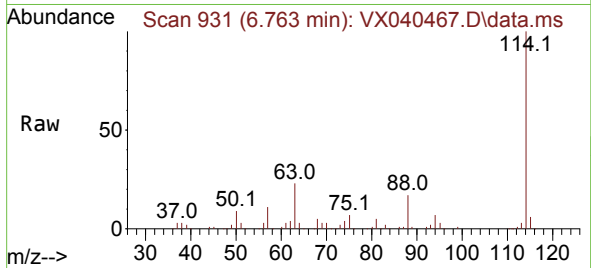




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

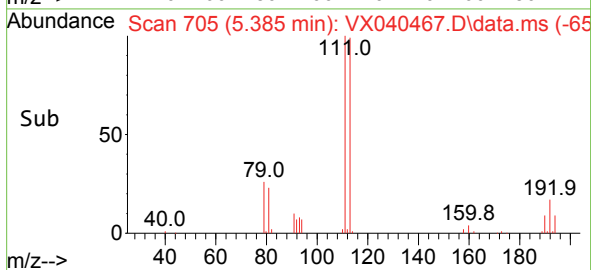
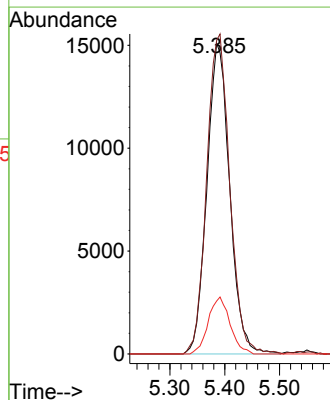
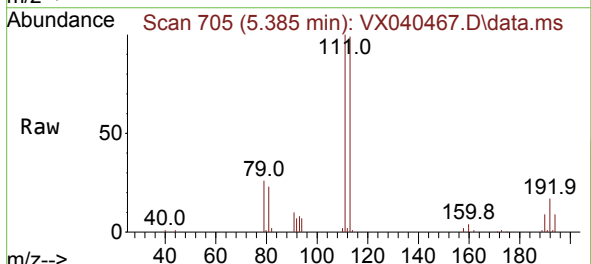
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20240222

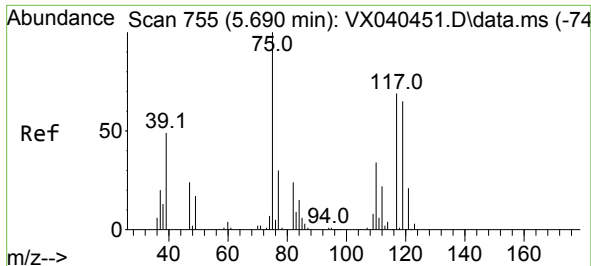
Tgt Ion:114 Resp: 128564
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.624 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Tgt Ion:113 Resp: 43471
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 17.5 13.3 19.9

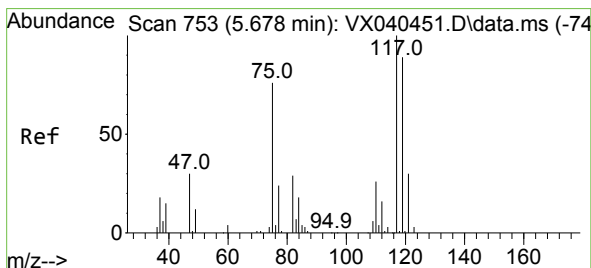
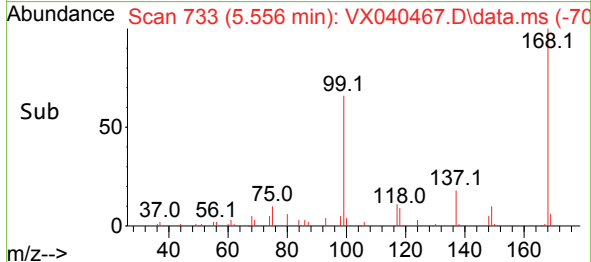
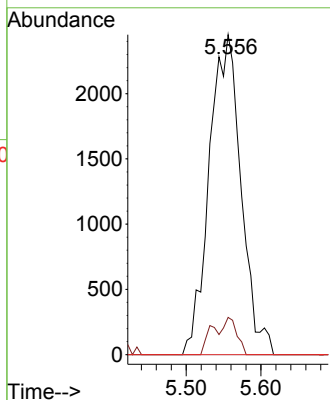
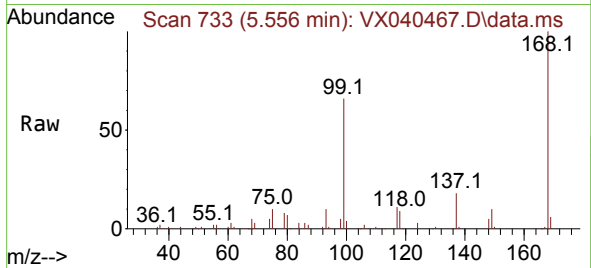




#36
1,1-Dichloropropene
Concen: 5.266 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

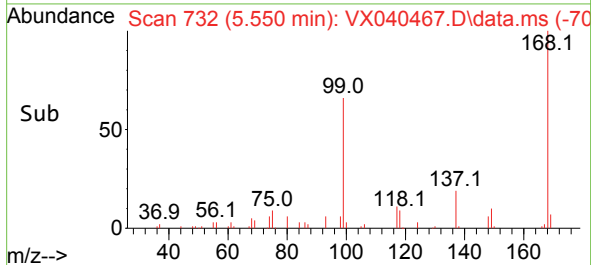
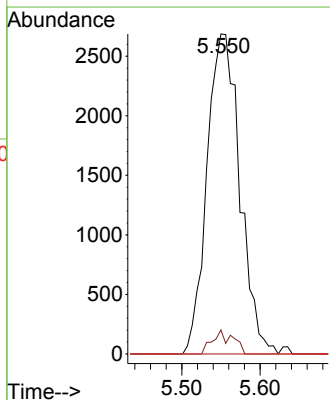
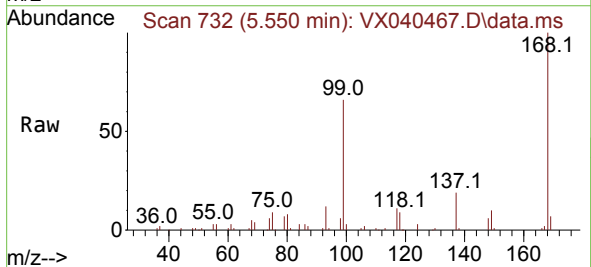
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20240222

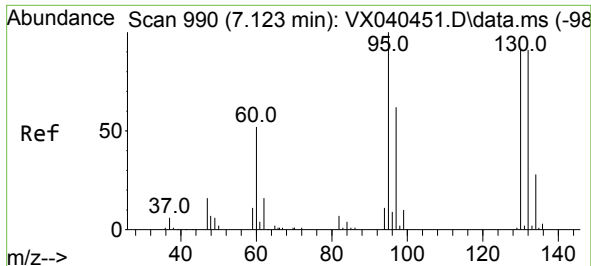
Tgt Ion: 75 Resp: 7253
Ion Ratio Lower Upper
75 100
110 5.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.883 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Tgt Ion: 117 Resp: 7828
Ion Ratio Lower Upper
117 100
119 7.5 78.2 117.2#
121 0.0 24.4 36.6#

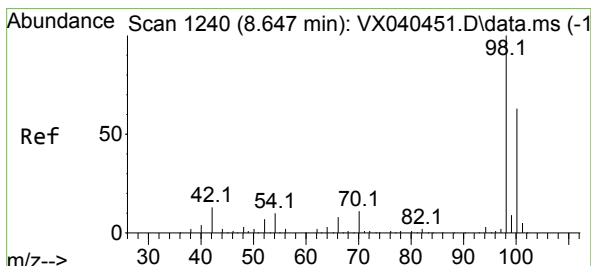
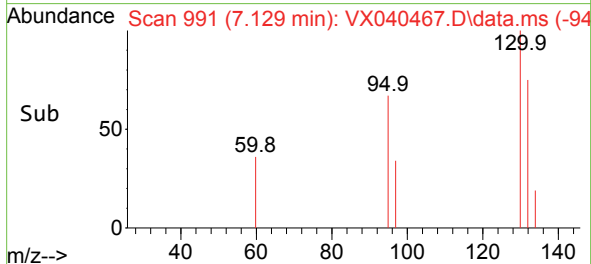
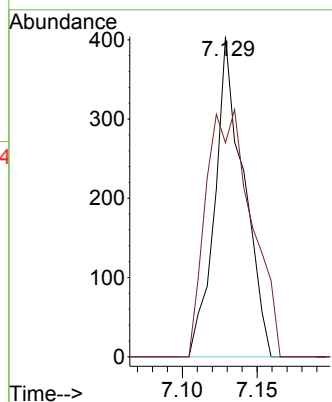
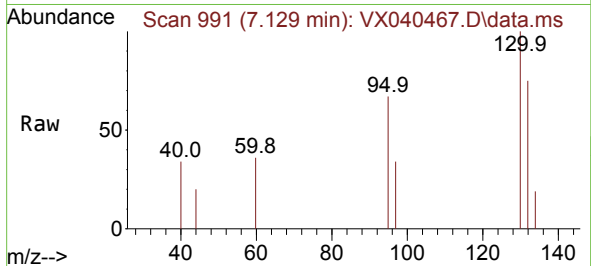




#44
Trichloroethene
Concen: 0.537 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

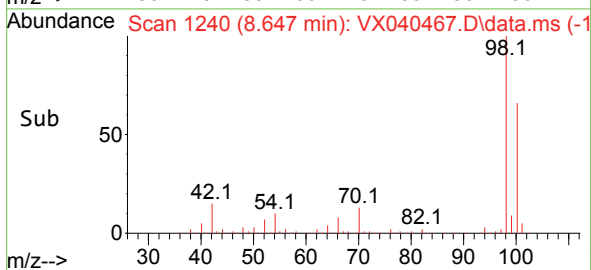
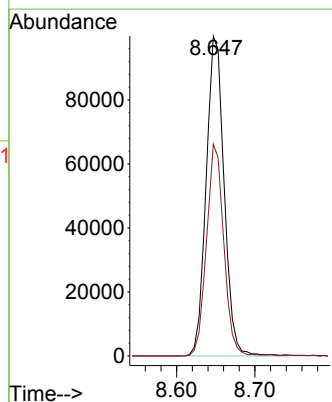
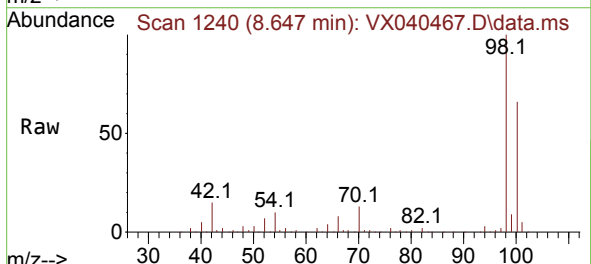
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20240222

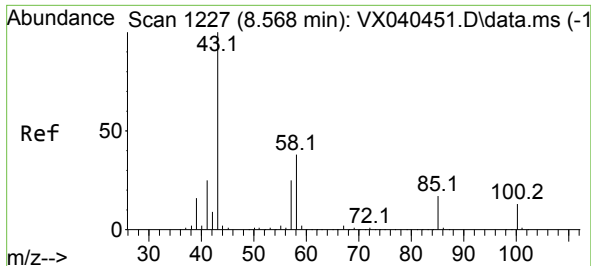
Tgt Ion:130 Resp: 539
Ion Ratio Lower Upper
130 100
95 66.8 0.0 204.4



#50
Toluene-d8
Concen: 48.874 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Tgt Ion: 98 Resp: 158605
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

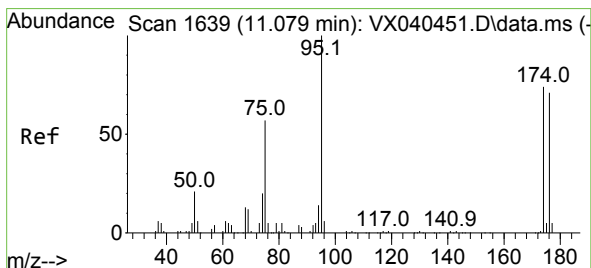
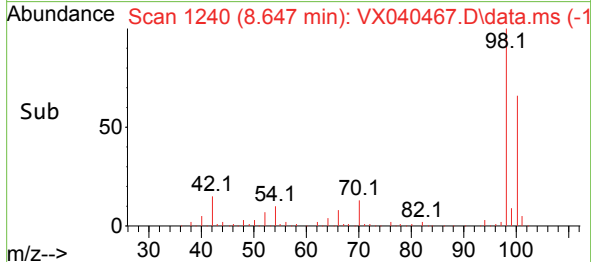
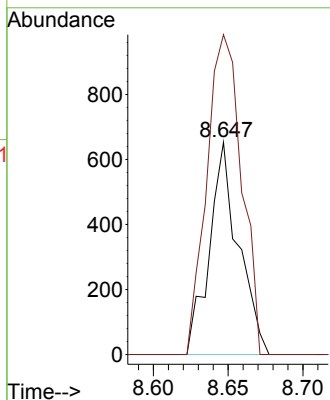
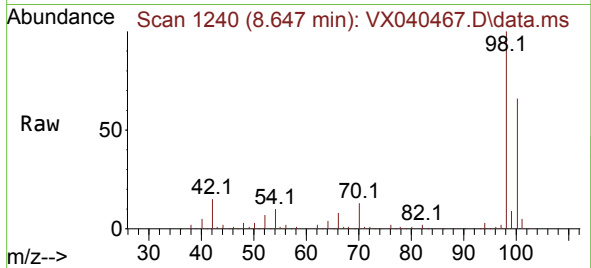




#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

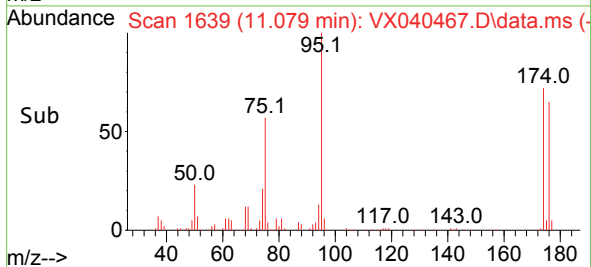
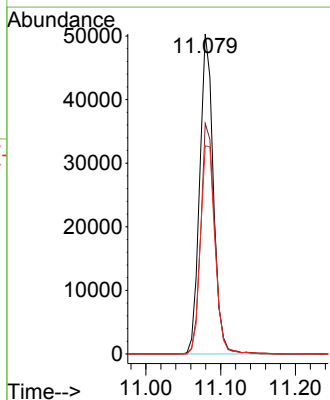
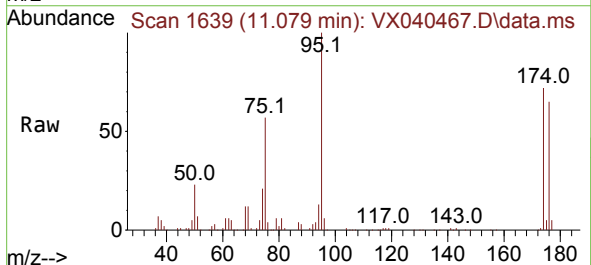
Instrument :
MSVOA_X
ClientSampleId :
TT14911-20240222

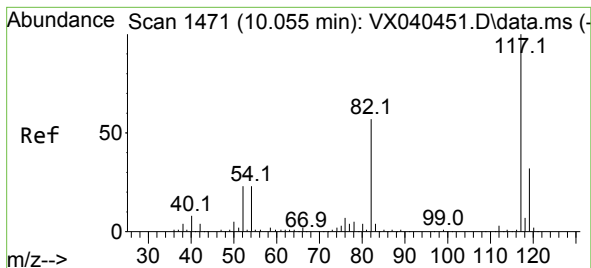
Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
58 180.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Tgt Ion: 95 Resp: 63911
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 69.4 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: VX040467.D

Acq: 26 Feb 2024 17:48

Instrument :

MSVOA_X

ClientSampleId :

TT14911-20240222

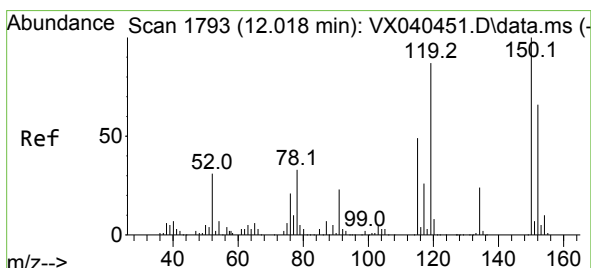
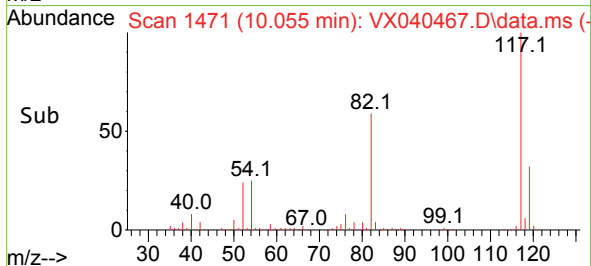
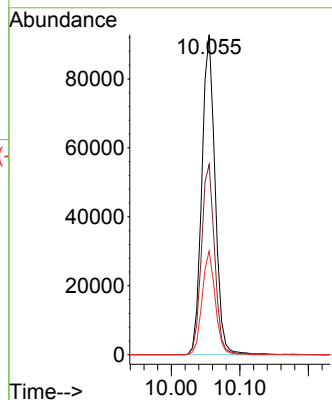
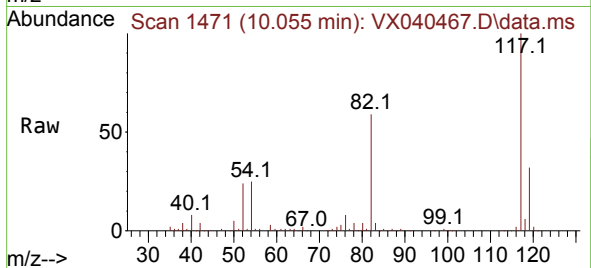
Tgt Ion:117 Resp: 125147

Ion Ratio Lower Upper

117 100

82 59.4 46.2 69.4

119 32.4 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: VX040467.D

Acq: 26 Feb 2024 17:48

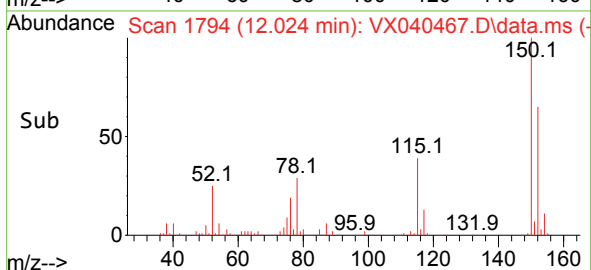
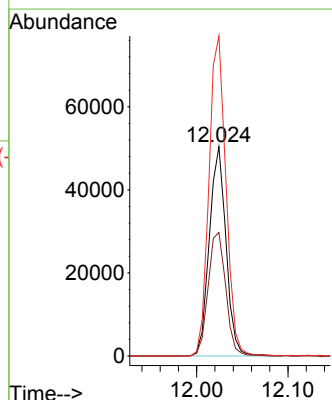
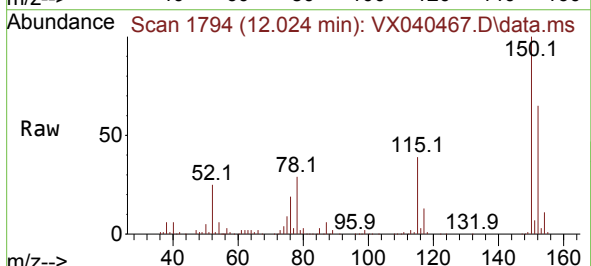
Tgt Ion:152 Resp: 63891

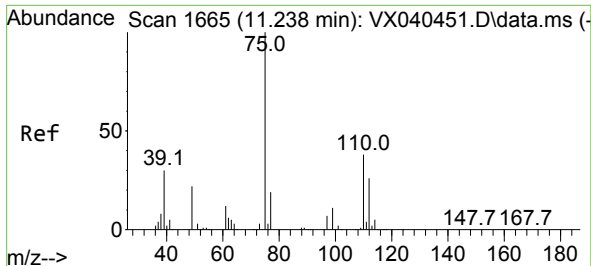
Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 155.6 0.0 345.0

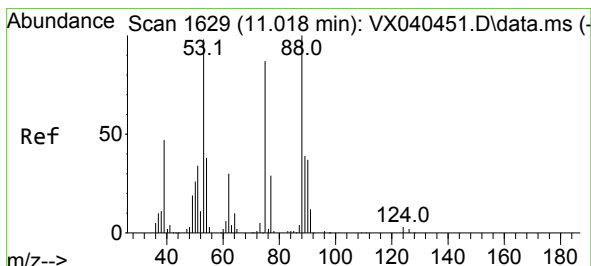
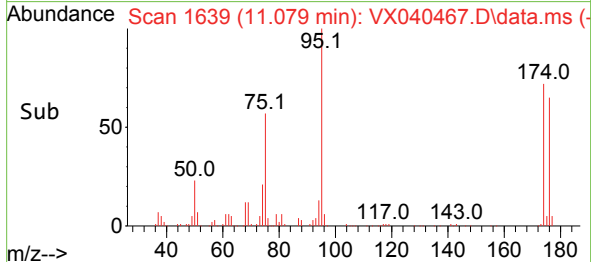
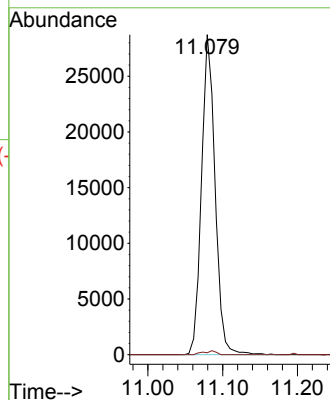
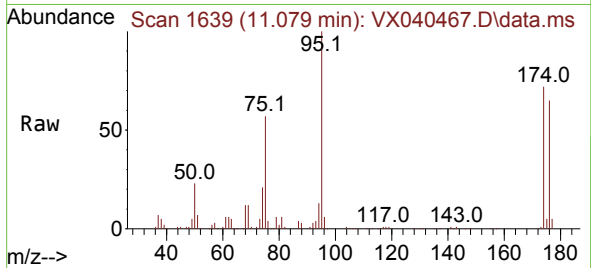




#76
1,2,3-Trichloropropane
Concen: 25.735 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Instrument :
MSVOA_X
ClientSampleId :
TT14911-20240222

Tgt Ion: 75 Resp: 36187
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040467.D
Acq: 26 Feb 2024 17:48

Tgt Ion: 75 Resp: 36187
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

