

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040384.D
 Acq On : 21 Feb 2024 16:13
 Operator : JC/MD
 Sample : P1520-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20240216

Quant Time: Feb 22 01:10:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

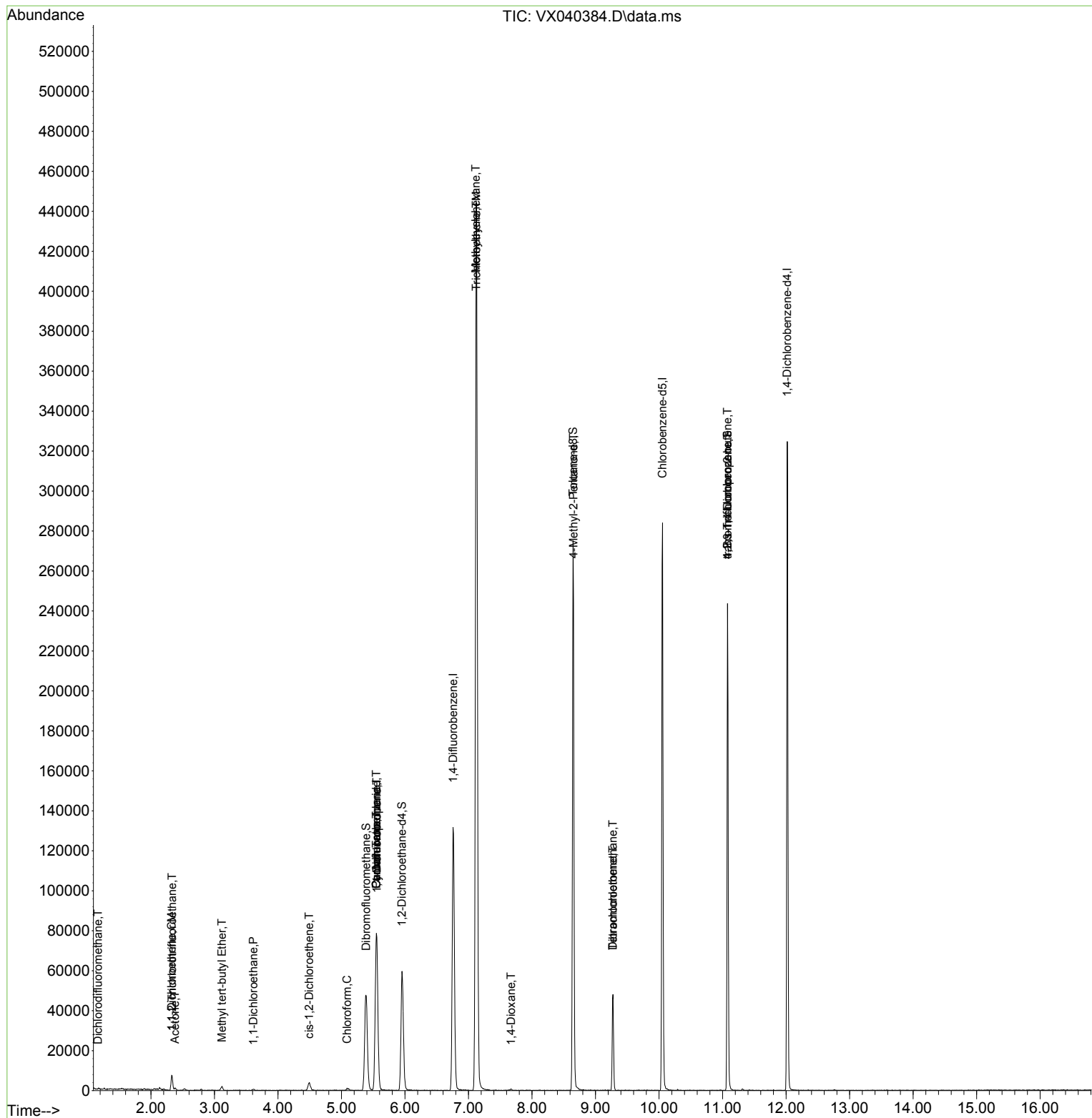
Internal Standards						
1) Pentafluorobenzene	5.550	168	71169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57146	53.973	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.940%
35) Dibromofluoromethane	5.385	113	42598	47.041	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.080%
50) Toluene-d8	8.647	98	158955	46.925	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.860%
62) 4-Bromofluorobenzene	11.079	95	61485	44.505	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	178	0.221	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.331	101	2511	3.327	ug/l	95
12) 1,1-Dichloroethene	2.325	96	560	0.771	ug/l	94
16) Acetone	2.380	43	948	2.180	ug/l #	79
19) Methyl tert-butyl Ether	3.117	73	1945	0.760	ug/l #	81
20) Methylene Chloride	2.794	84	172	Below Cal		87
24) 1,1-Dichloroethane	3.611	63	1024	0.687	ug/l #	83
27) cis-1,2-Dichloroethene	4.489	96	2670	2.828	ug/l	81
30) Chloroform	5.087	83	1222	0.759	ug/l #	77
31) Cyclohexane	5.550	56	1938	1.535	ug/l #	19
36) 1,1-Dichloropropene	5.556	75	6697	5.279	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7923	6.569	ug/l #	15
39) Methylcyclohexane	7.117	83	2268	1.538	ug/l #	1
44) Trichloroethene	7.123	130	159331	162.830	ug/l	92
49) 1,4-Dioxane	7.671	88	448	18.266	ug/l #	88
51) 4-Methyl-2-Pentanone	8.653	43	860	0.572	ug/l #	1
60) Dibromochloromethane	9.275	129	8247	8.168	ug/l #	11
64) Tetrachloroethene	9.275	164	8078	9.388	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	34506	27.200	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34506	74.509	ug/l #	5

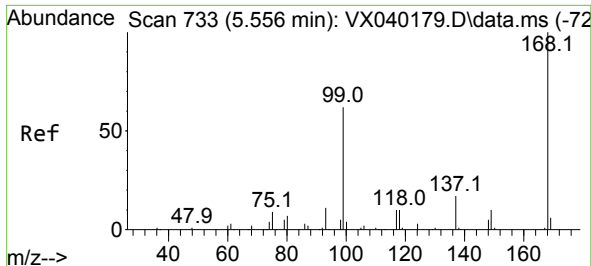
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
Data File : VX040384.D
Acq On : 21 Feb 2024 16:13
Operator : JC/MD
Sample : P1520-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

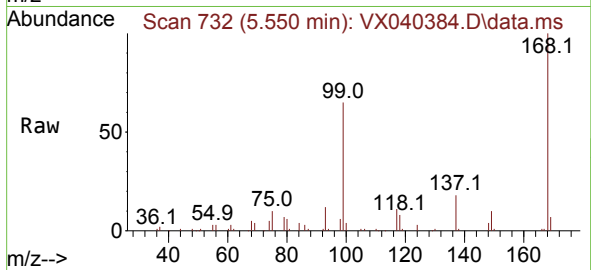
Quant Time: Feb 22 01:10:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



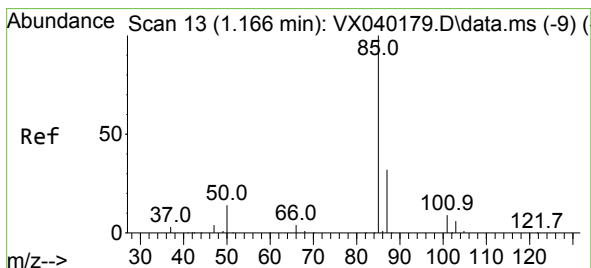
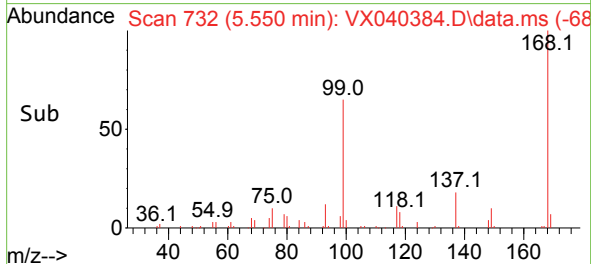
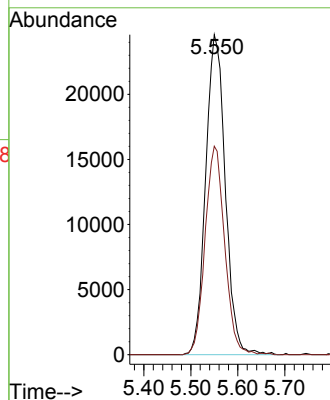


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

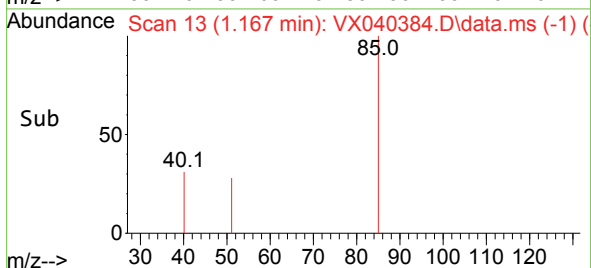
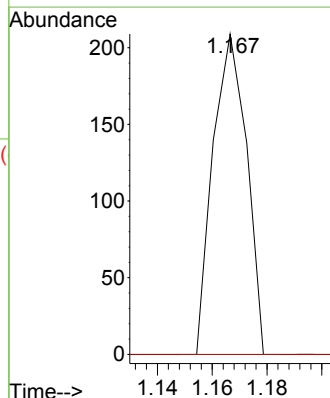
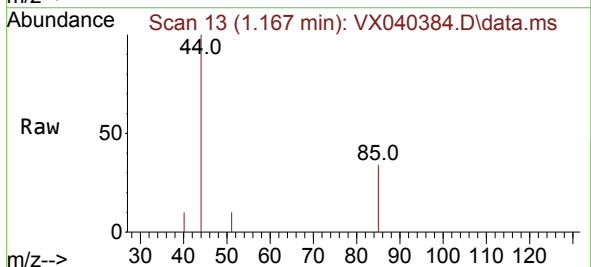


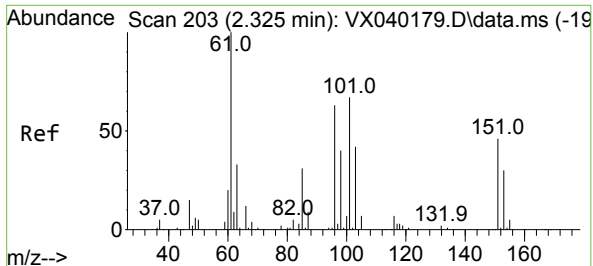
Tgt Ion:168 Resp: 71169
Ion Ratio Lower Upper
168 100
99 65.1 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.221 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion: 85 Resp: 178
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#

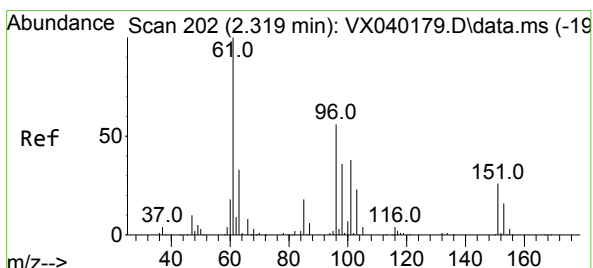
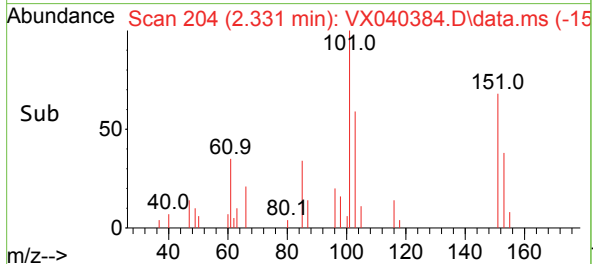
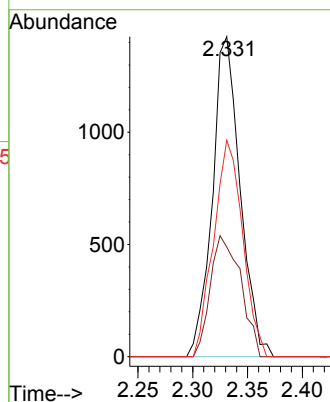
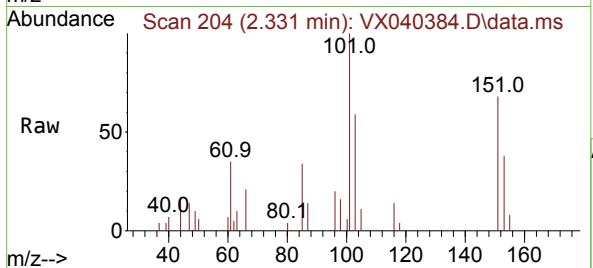




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.327 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

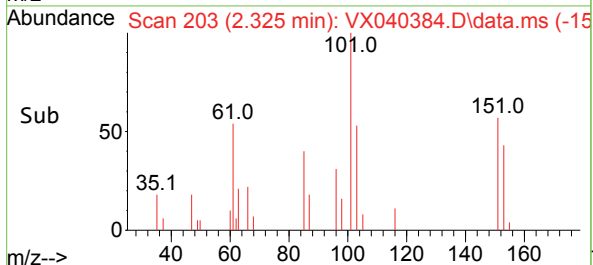
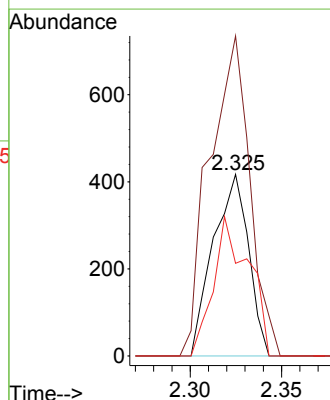
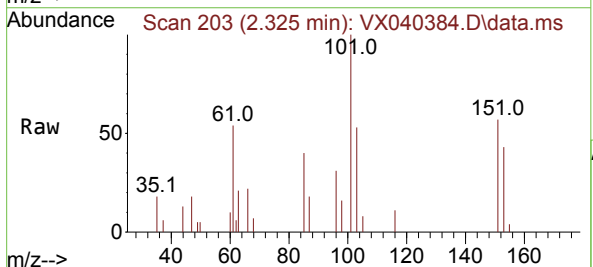
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

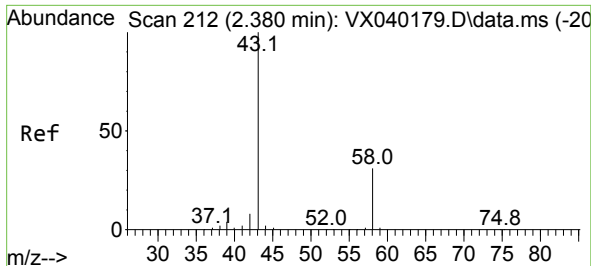
Tgt Ion:101 Resp: 2511
Ion Ratio Lower Upper
101 100
85 41.3 37.0 55.6
151 70.6 58.6 87.8



#12
1,1-Dichloroethene
Concen: 0.771 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion: 96 Resp: 560
Ion Ratio Lower Upper
96 100
61 176.3 144.6 216.8
98 51.1 50.4 75.6

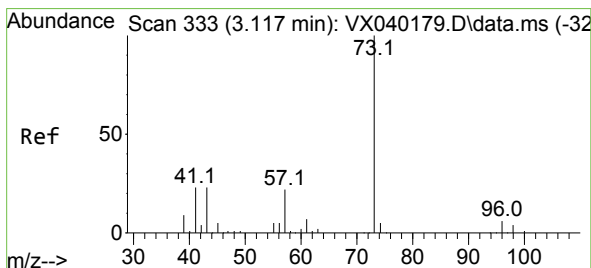
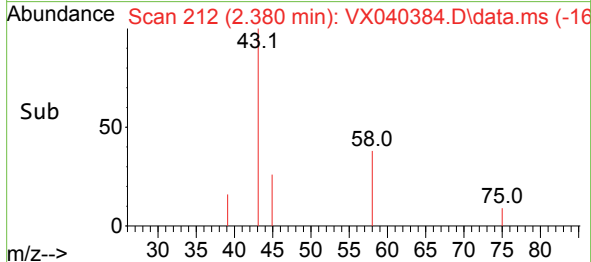
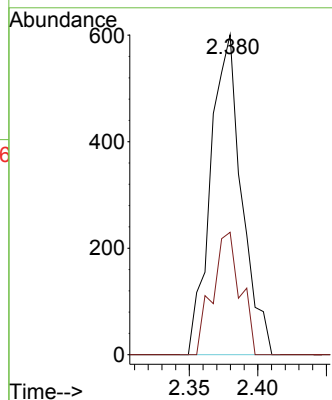
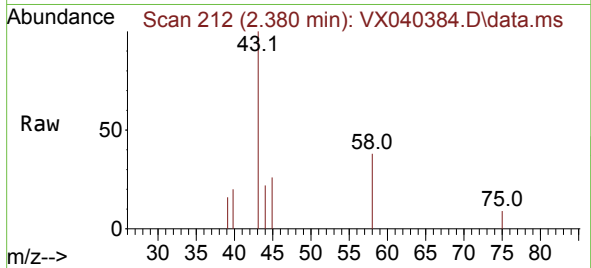




#16
Acetone
Concen: 2.180 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

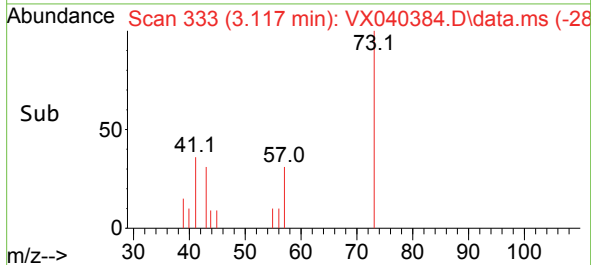
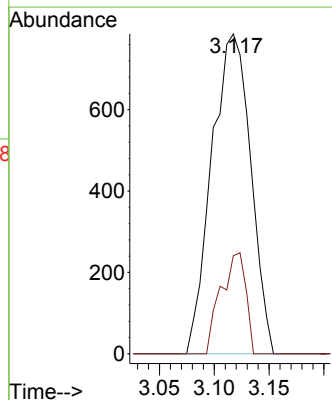
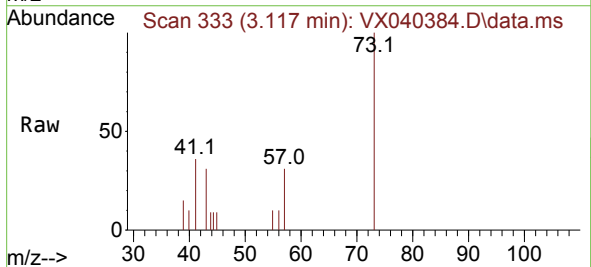
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

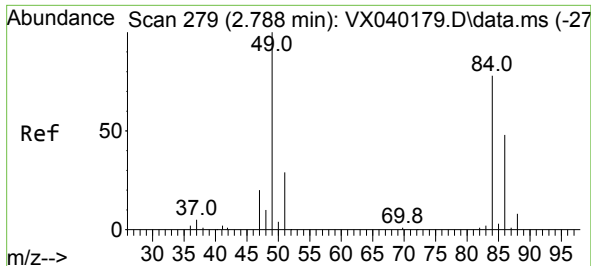
Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 38.3 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 0.760 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion: 73 Resp: 1945
Ion Ratio Lower Upper
73 100
57 30.7 17.3 25.9#

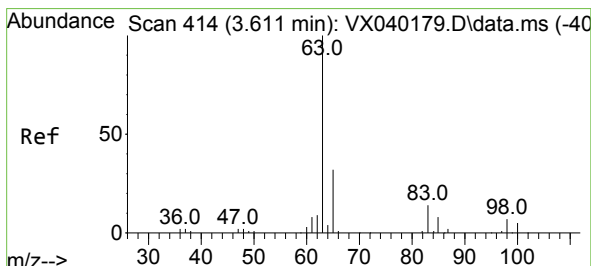
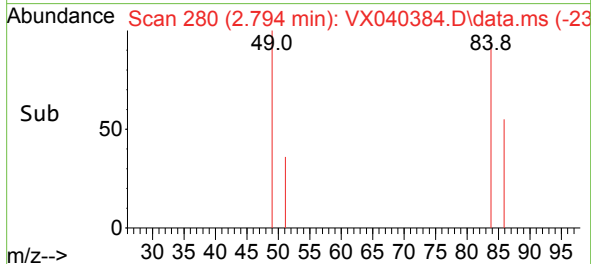
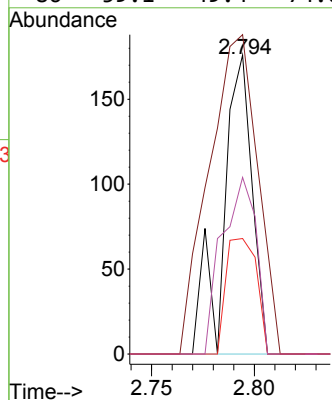
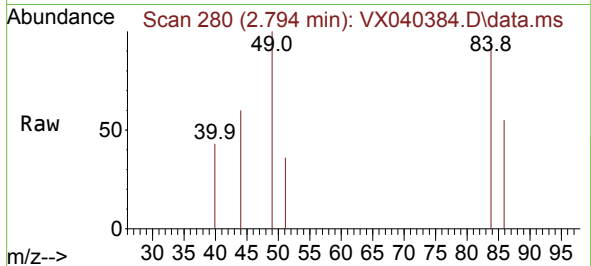




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

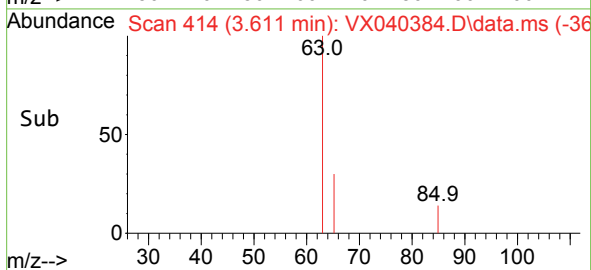
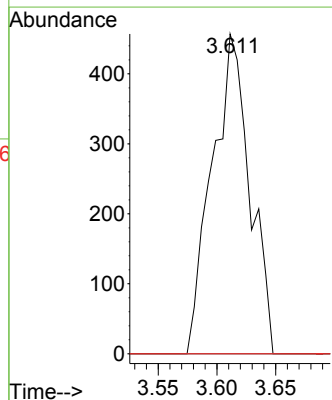
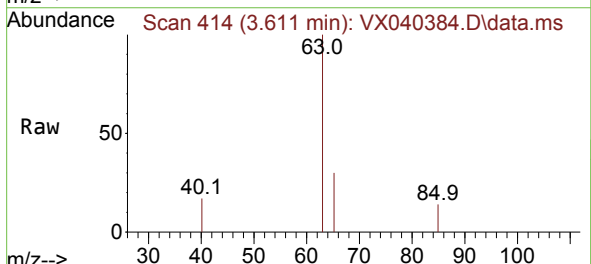
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

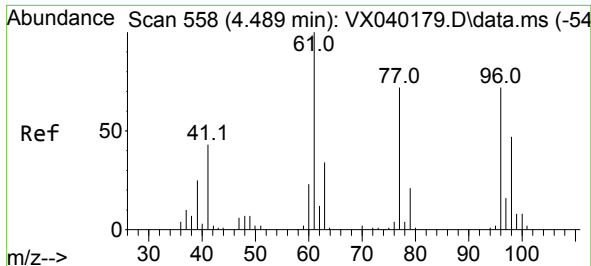
Tgt Ion: 84 Resp: 172
Ion Ratio Lower Upper
84 100
49 106.8 103.6 155.4
51 38.6 33.8 50.6
86 59.1 49.4 74.0



#24
1,1-Dichloroethane
Concen: 0.687 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion: 63 Resp: 1024
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#

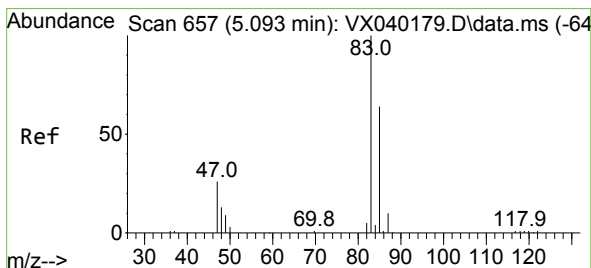
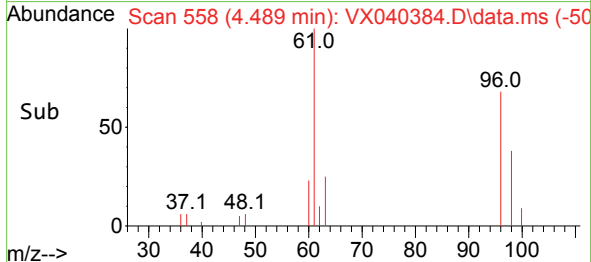
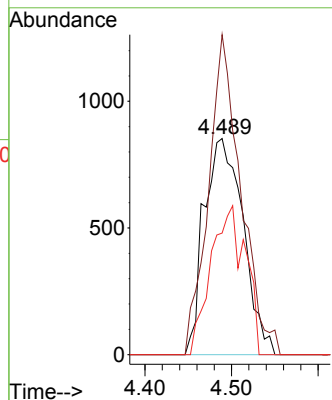
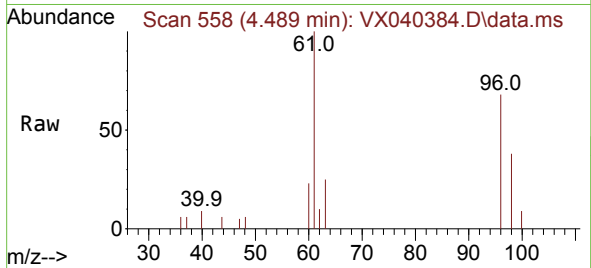




#27
 cis-1,2-Dichloroethene
 Concen: 2.828 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX040384.D
 Acq: 21 Feb 2024 16:13

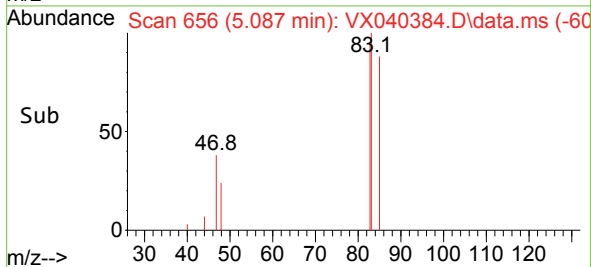
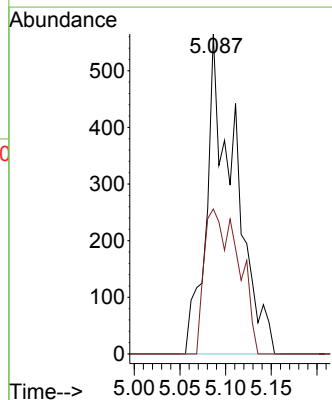
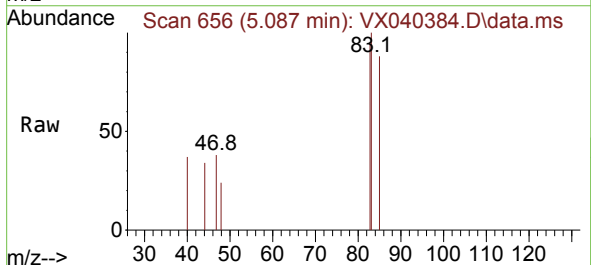
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20240216

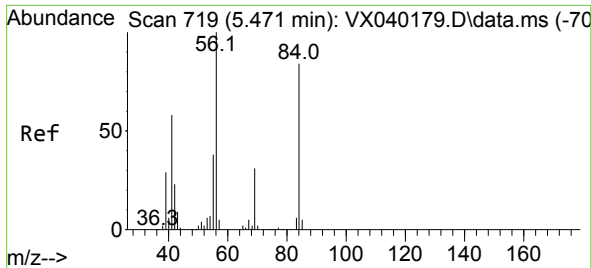
Tgt Ion: 96 Resp: 2670
 Ion Ratio Lower Upper
 96 100
 61 123.0 0.0 312.2
 98 61.2 0.0 129.0



#30
 Chloroform
 Concen: 0.759 ug/l
 RT: 5.087 min Scan# 656
 Delta R.T. -0.012 min
 Lab File: VX040384.D
 Acq: 21 Feb 2024 16:13

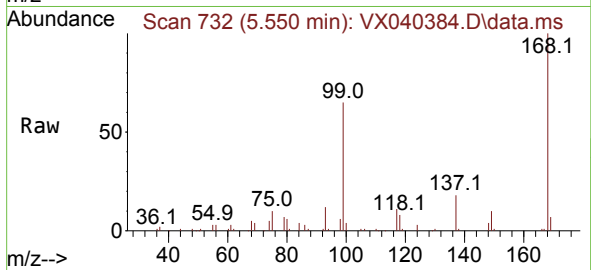
Tgt Ion: 83 Resp: 1222
 Ion Ratio Lower Upper
 83 100
 85 45.3 50.3 75.5#



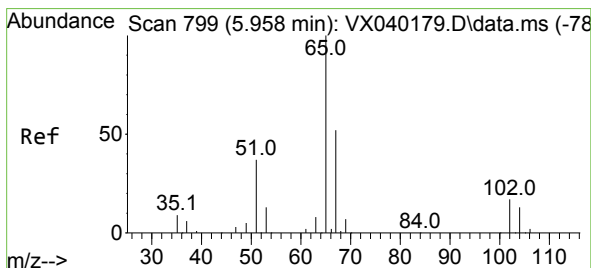
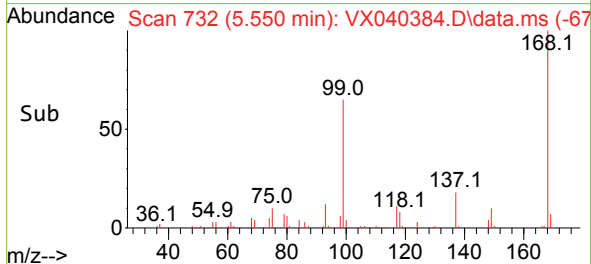
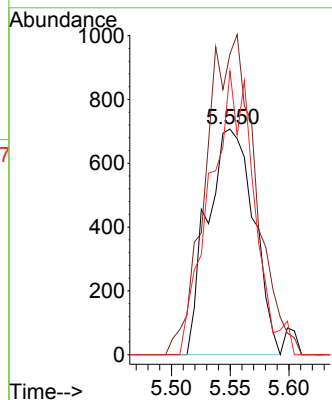


#31
Cyclohexane
Concen: 1.535 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

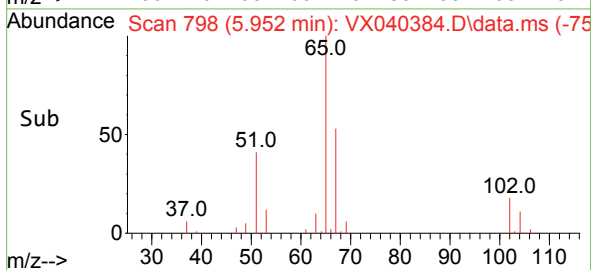
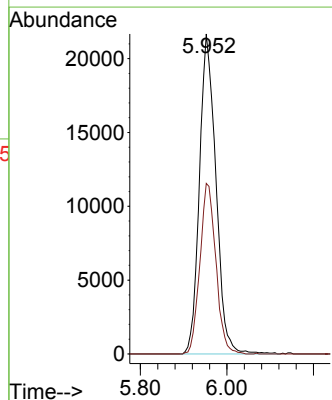
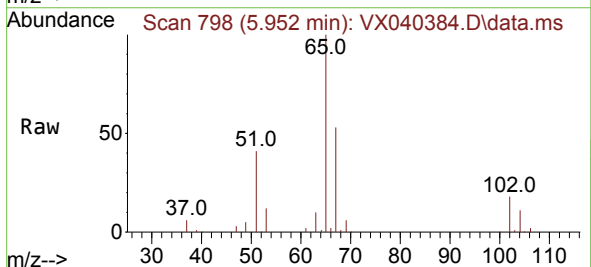


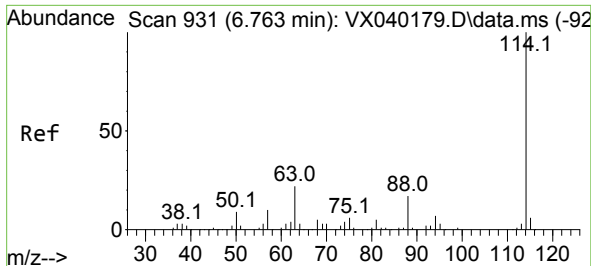
Tgt Ion: 56 Resp: 1938
Ion Ratio Lower Upper
56 100
69 122.2 23.4 35.2#
84 125.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 53.973 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion: 65 Resp: 57146
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

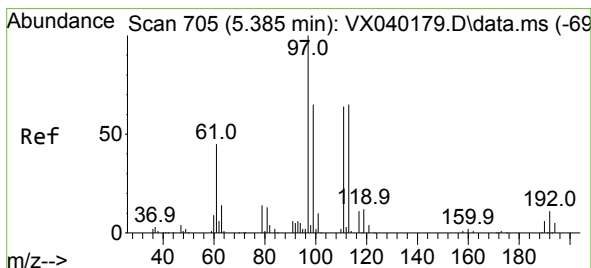
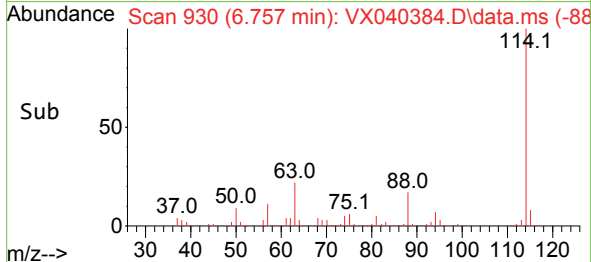
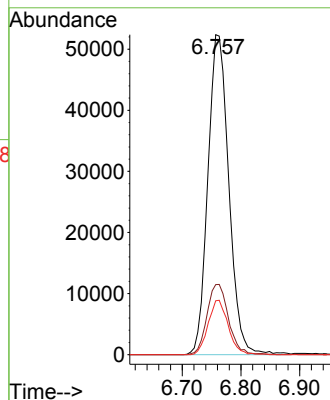
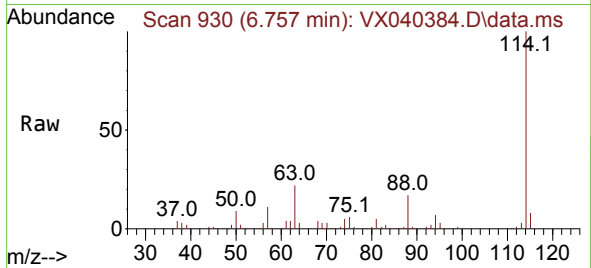




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

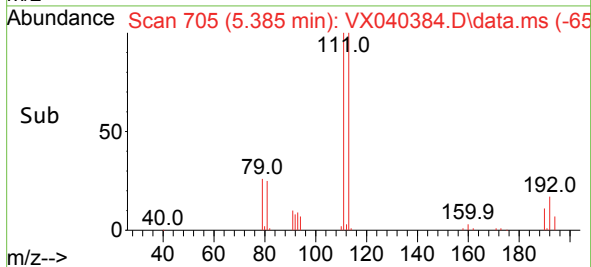
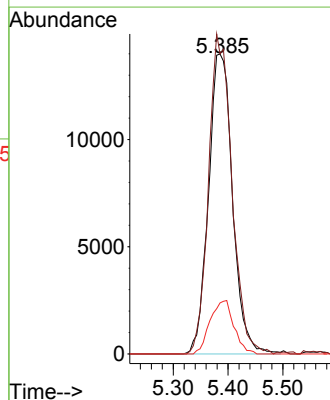
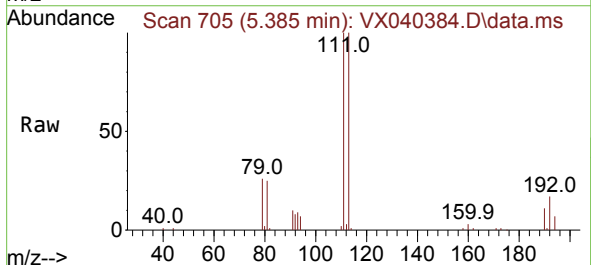
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

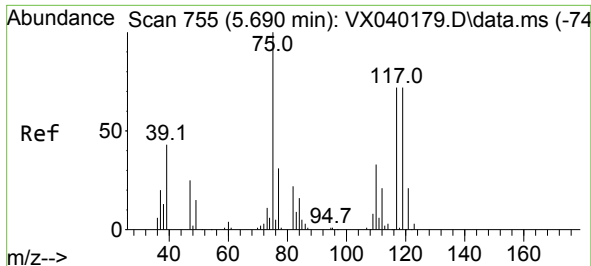
Tgt Ion:114 Resp: 129671
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.041 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion:113 Resp: 42598
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 17.6 13.3 19.9

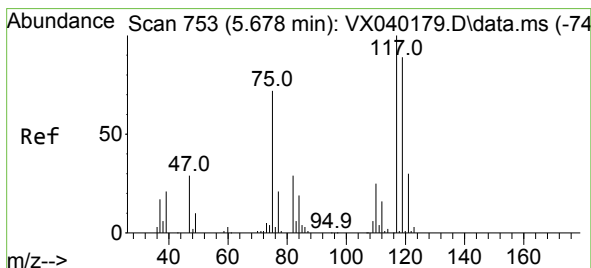
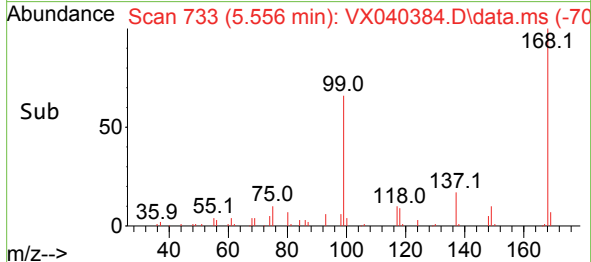
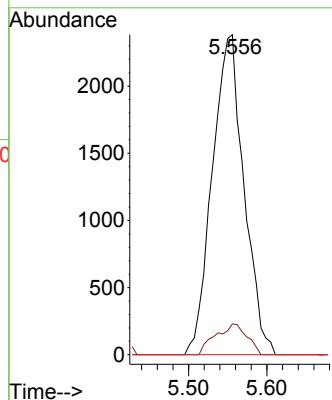
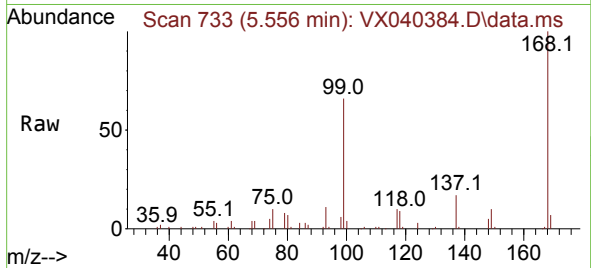




#36
1,1-Dichloropropene
Concen: 5.279 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

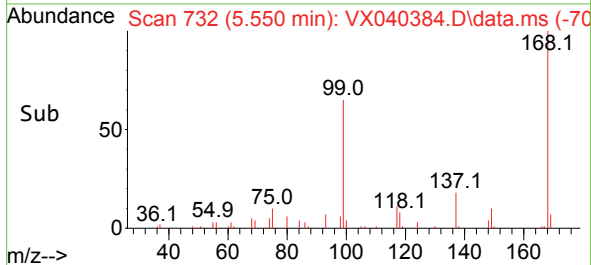
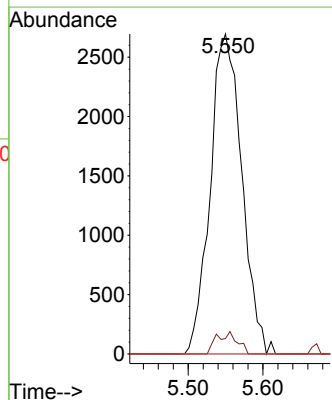
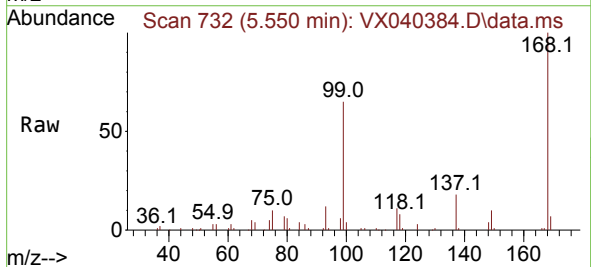
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

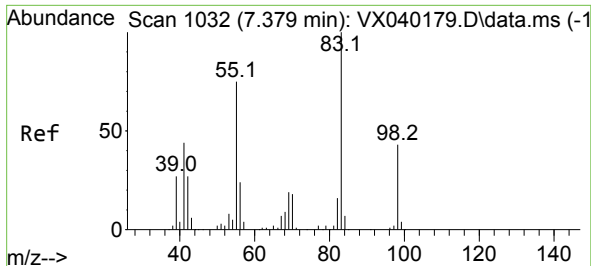
Tgt Ion: 75 Resp: 6697
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.569 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion: 117 Resp: 7923
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

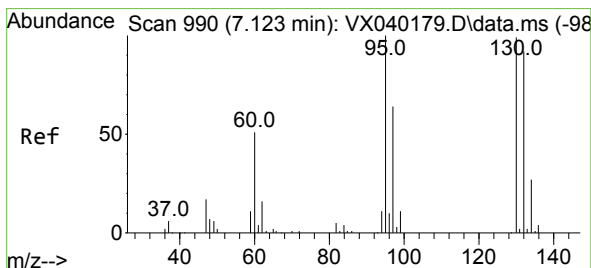
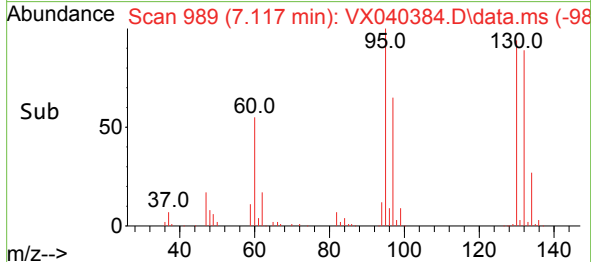
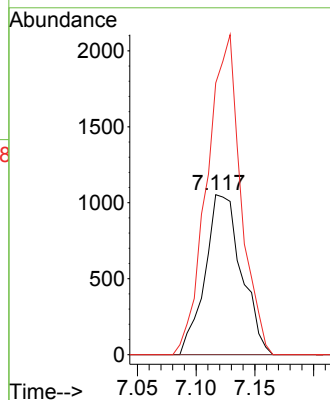
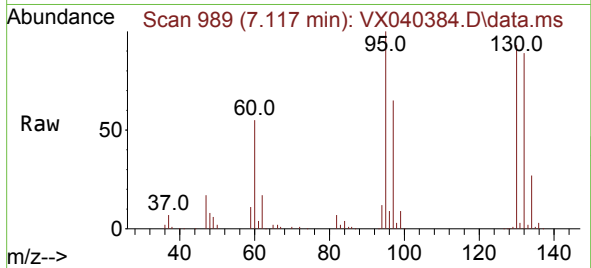




#39
Methylcyclohexane
Concen: 1.538 ug/l
RT: 7.117 min Scan# 91
Delta R.T. -0.262 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

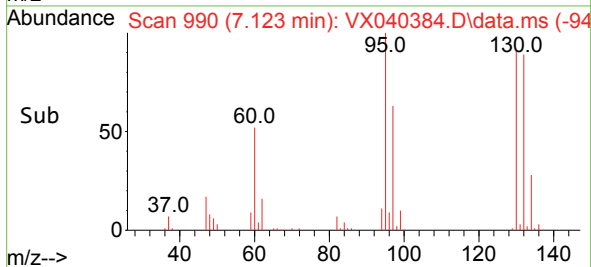
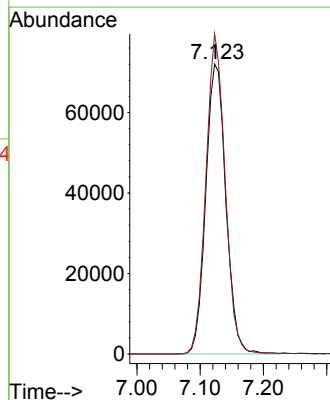
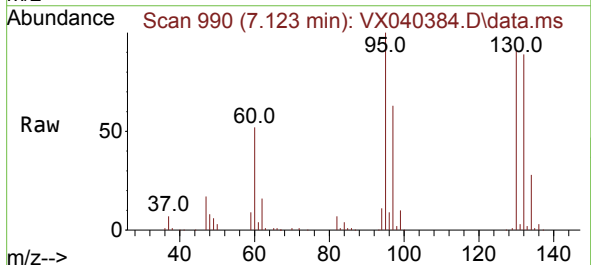
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

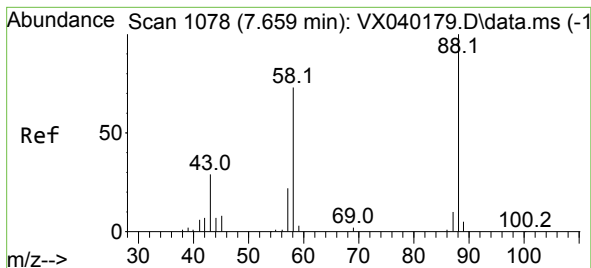
Tgt Ion: 83 Resp: 2268
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 169.8 36.7 55.1#



#44
Trichloroethene
Concen: 162.830 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion:130 Resp: 159331
Ion Ratio Lower Upper
130 100
95 110.3 0.0 204.4





#49

1,4-Dioxane

Concen: 18.266 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX040384.D

Acq: 21 Feb 2024 16:13

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20240216

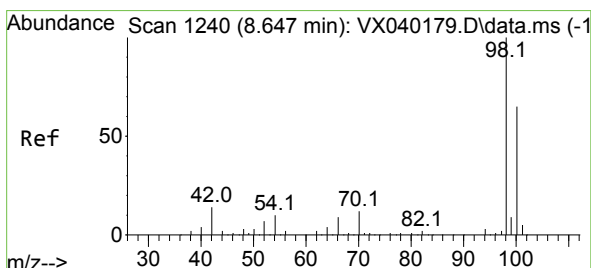
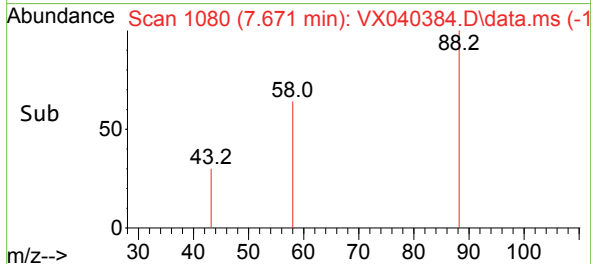
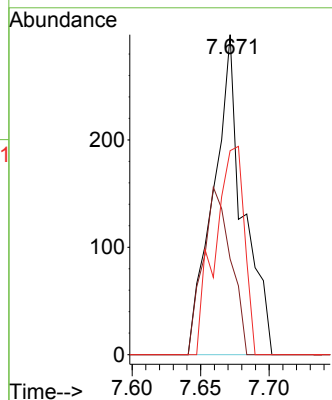
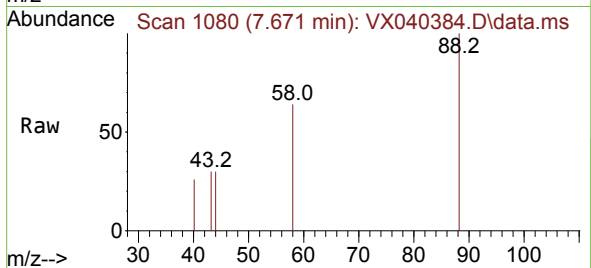
Tgt Ion: 88 Resp: 448

Ion Ratio Lower Upper

88 100

43 49.1 0.0 0.0#

58 64.5 60.1 90.1



#50

Toluene-d8

Concen: 46.925 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040384.D

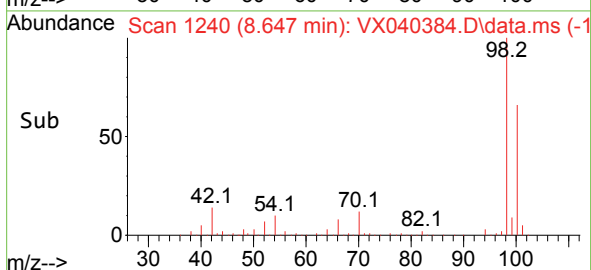
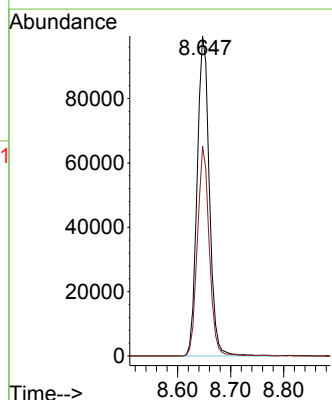
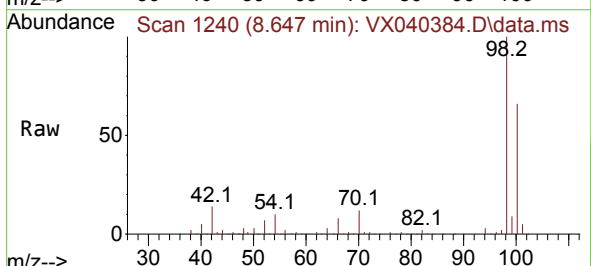
Acq: 21 Feb 2024 16:13

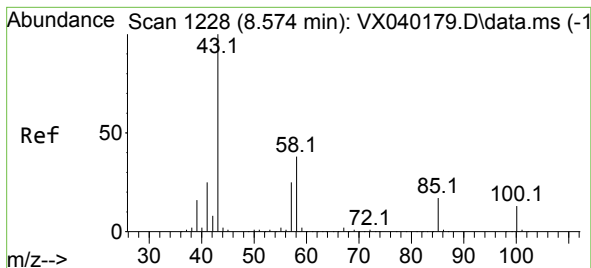
Tgt Ion: 98 Resp: 158955

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7

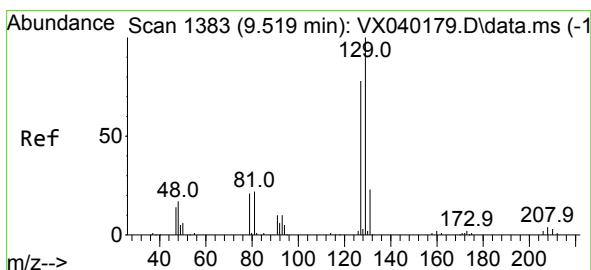
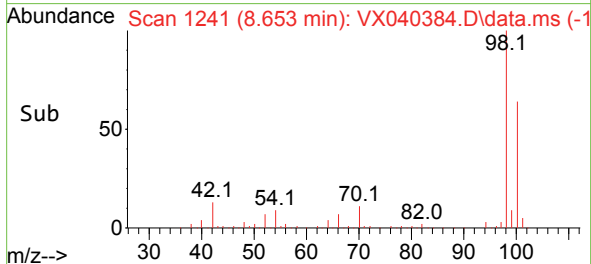
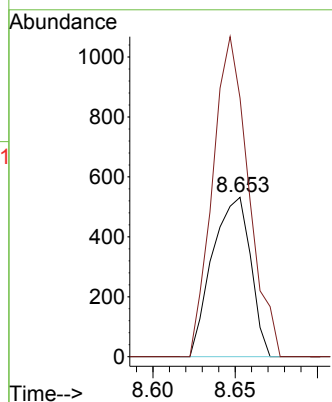
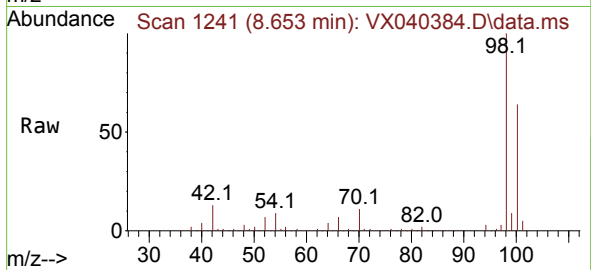




#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

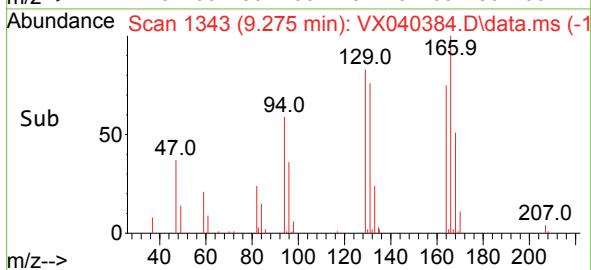
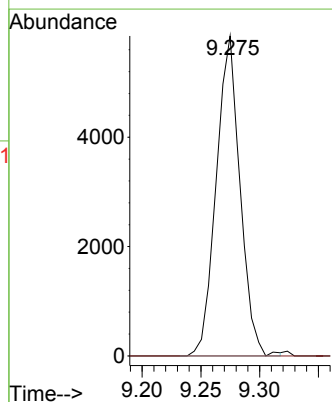
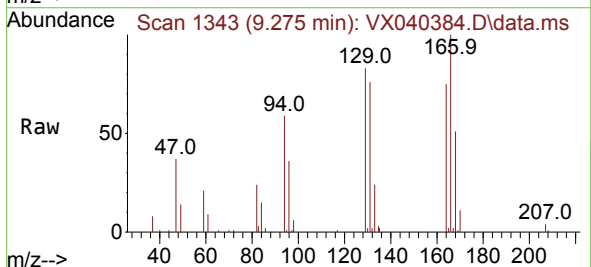
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

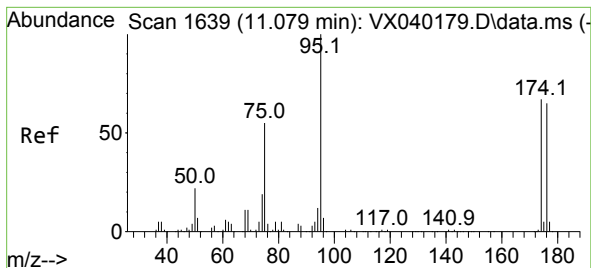
Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 188.3 30.4 45.6#



#60
Dibromochloromethane
Concen: 8.168 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion: 129 Resp: 8247
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

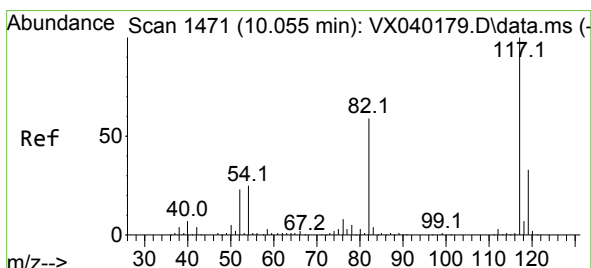
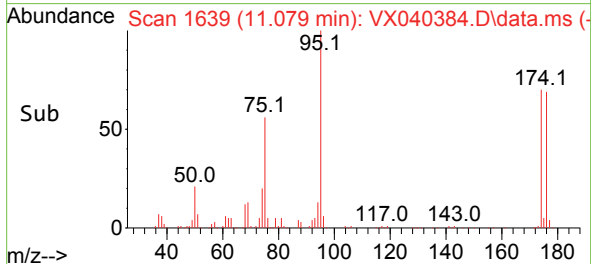
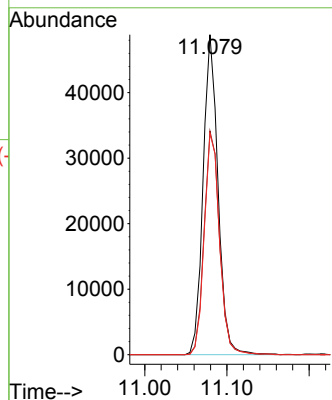
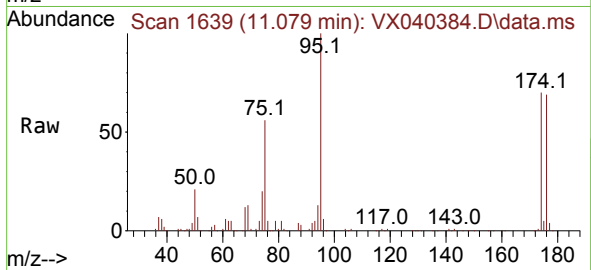




#62
4-Bromofluorobenzene
Concen: 44.505 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

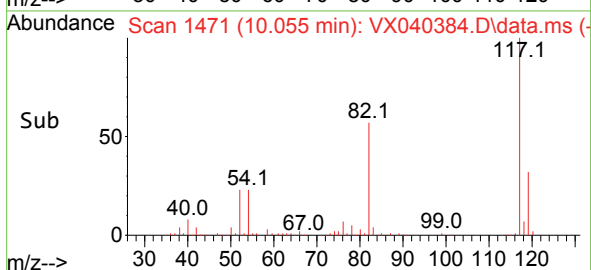
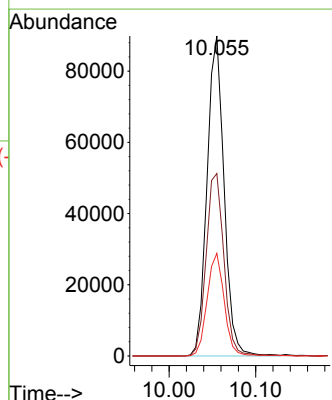
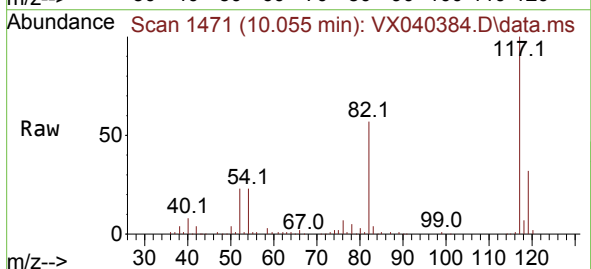
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

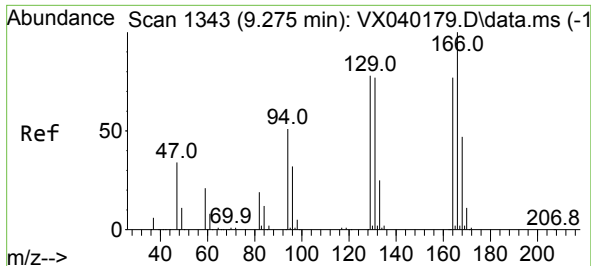
Tgt Ion: 95 Resp: 61485
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 70.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion: 117 Resp: 122786
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.1 25.5 38.3

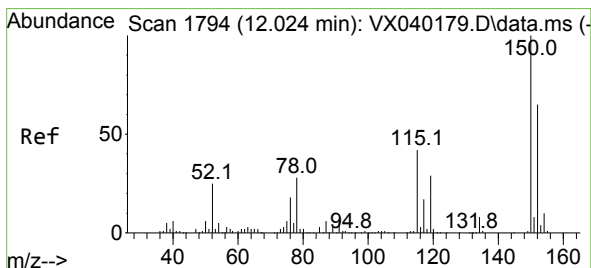
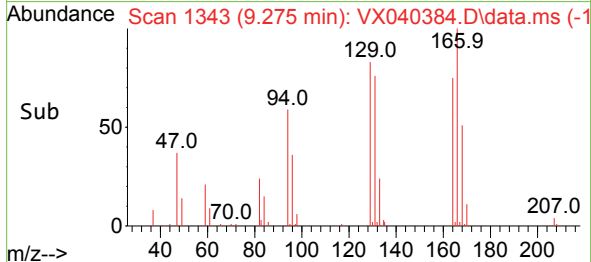
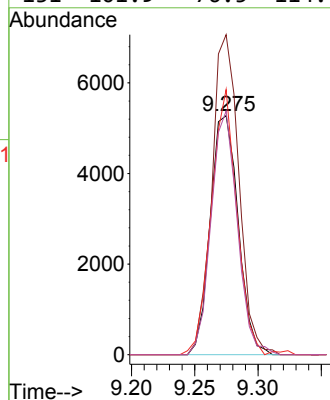
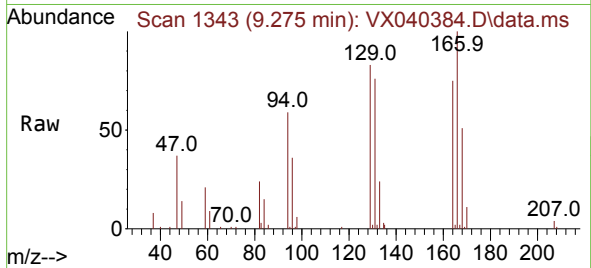




#64
Tetrachloroethene
Concen: 9.388 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

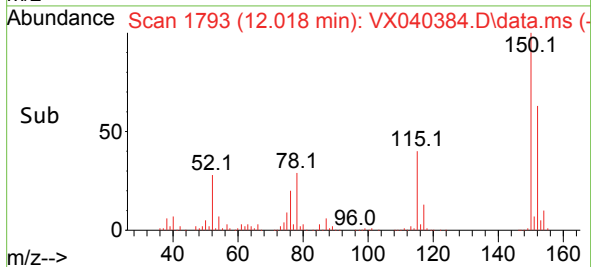
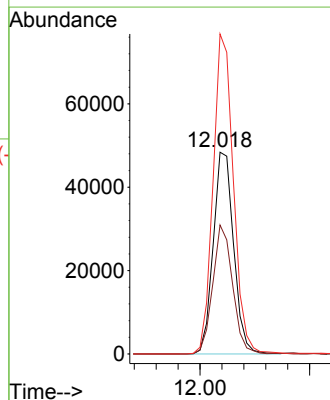
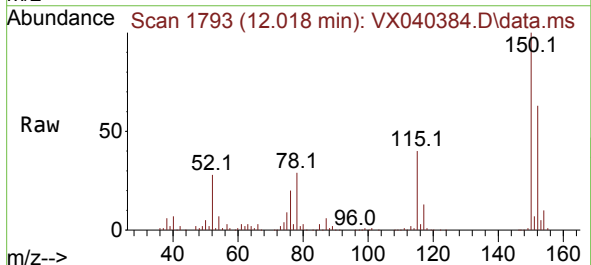
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

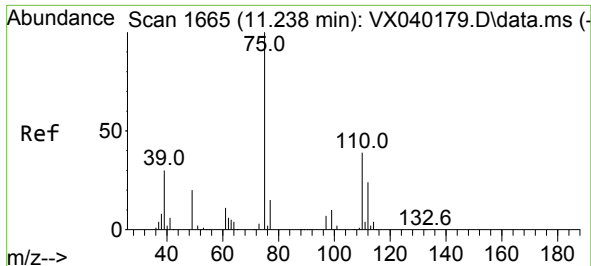
Tgt Ion:164	Resp:	8078	
Ion	Ratio	Lower	Upper
164	100		
166	133.8	102.7	154.1
129	110.9	80.4	120.6
131	101.9	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion:152	Resp:	62645	
Ion	Ratio	Lower	Upper
152	100		
115	62.1	43.3	129.9
150	157.7	0.0	345.0

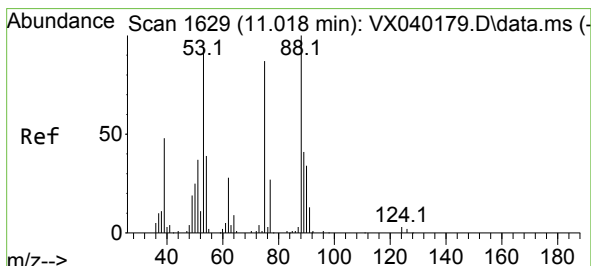
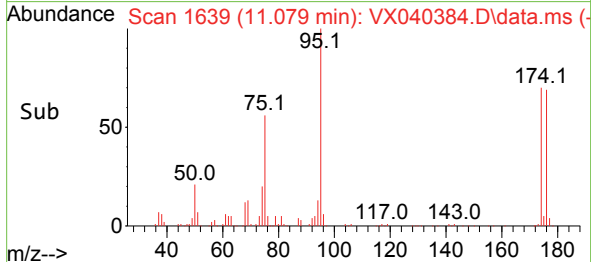
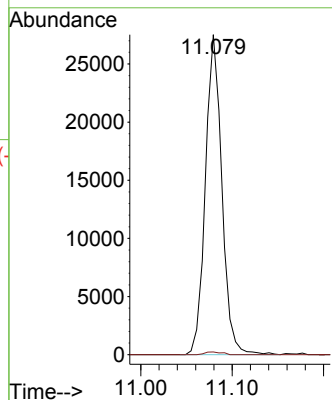
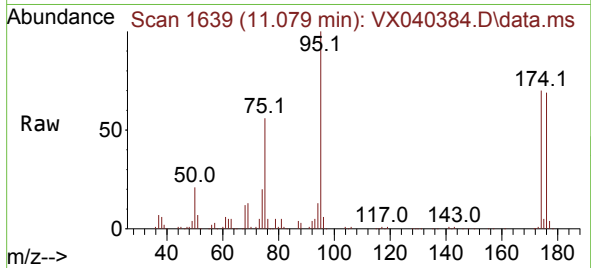




#76
1,2,3-Trichloropropane
Concen: 27.200 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20240216

Tgt Ion: 75 Resp: 34506
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.509 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040384.D
Acq: 21 Feb 2024 16:13

Tgt Ion: 75 Resp: 34506
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

