

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
 Data File : VX041224.D
 Acq On : 23 Apr 2024 18:45
 Operator : JC/MD
 Sample : P2201-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 24 01:52:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

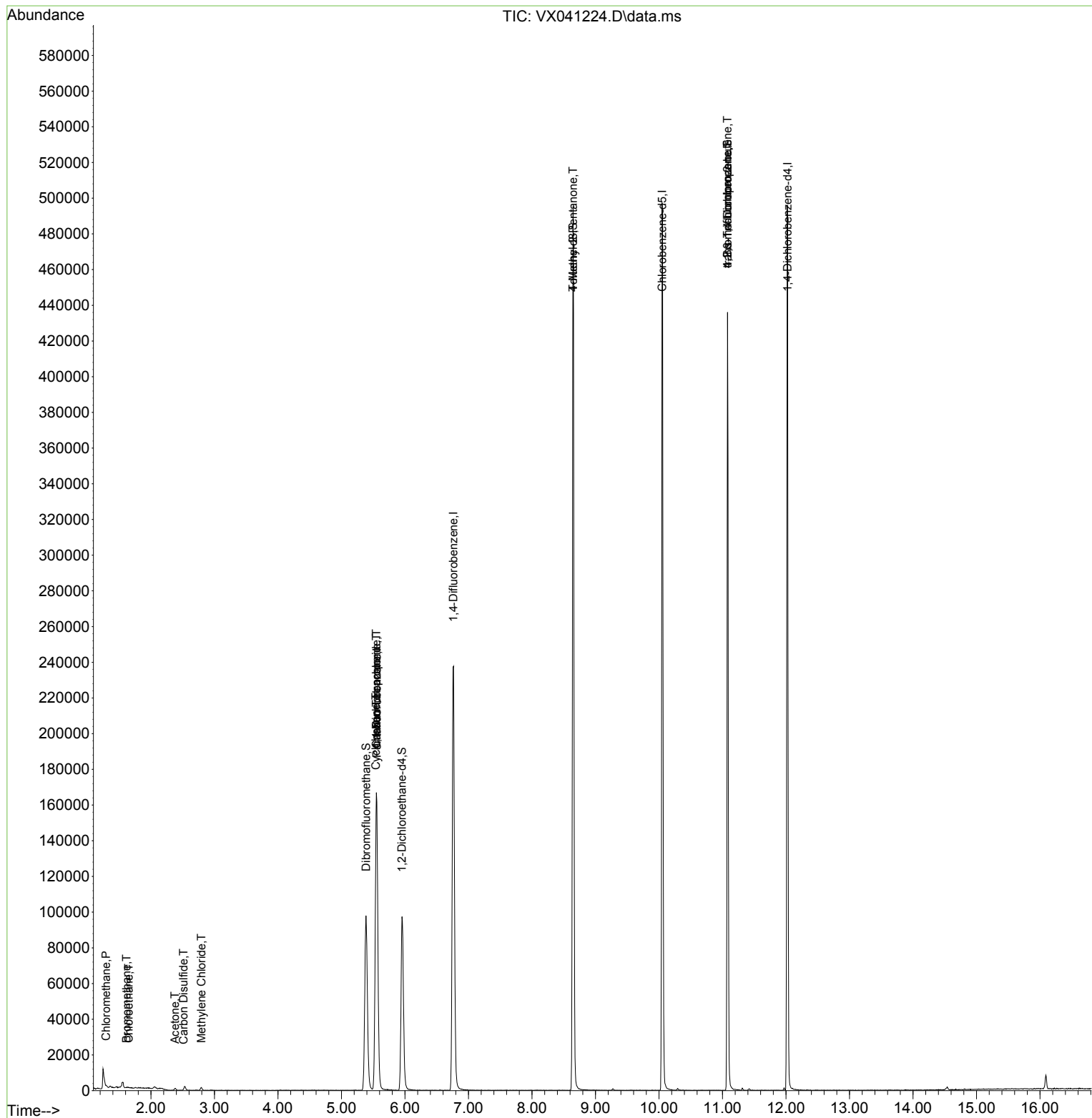
Internal Standards						
1) Pentafluorobenzene	5.556	168	178829	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	258781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	237874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97160	57.075	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.160%	
35) Dibromofluoromethane	5.385	113	83156	52.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.660%	
50) Toluene-d8	8.647	98	296617	55.850	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.700%	
62) 4-Bromofluorobenzene	11.079	95	105159	53.645	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	333	0.217	ug/l	# 77
5) Bromomethane	1.618	94	244	0.283	ug/l	85
6) Chloroethane	1.648	64	155	0.266	ug/l	# 43
16) Acetone	2.380	43	1238	1.998	ug/l	94
17) Carbon Disulfide	2.514	76	560	0.206	ug/l	# 76
20) Methylene Chloride	2.794	84	722	0.477	ug/l	# 89
31) Cyclohexane	5.544	56	3066	1.338	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	10792	5.358	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	15250	6.779	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1251	0.561	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	52867	28.504	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	52867	80.419	ug/l	# 5

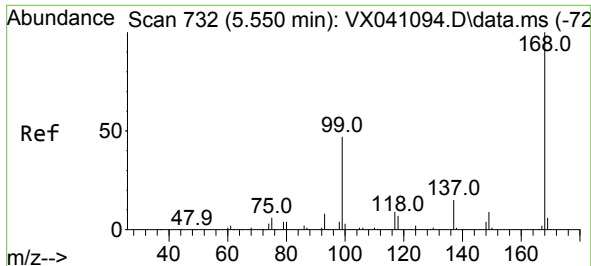
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 23 05:30:28 2024
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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX041224.D

Acq: 23 Apr 2024 18:45

Instrument :

MSVOA_X

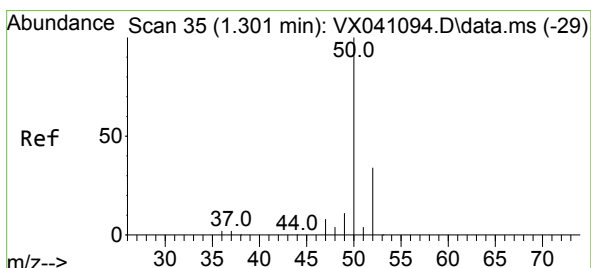
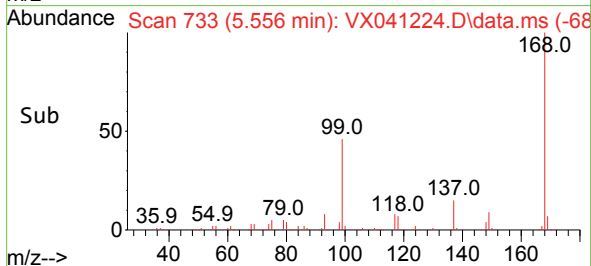
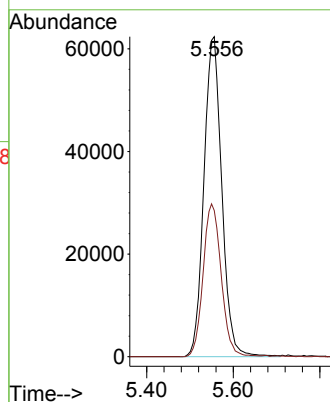
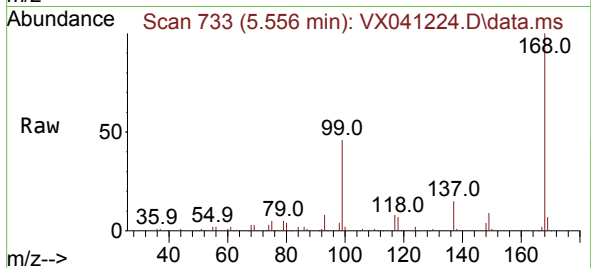
ClientSampleId :

Tgt Ion:168 Resp: 178829

Ion Ratio Lower Upper

168 100

99 45.7 56.6 85.0#



#3

Chloromethane

Concen: 0.217 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX041224.D

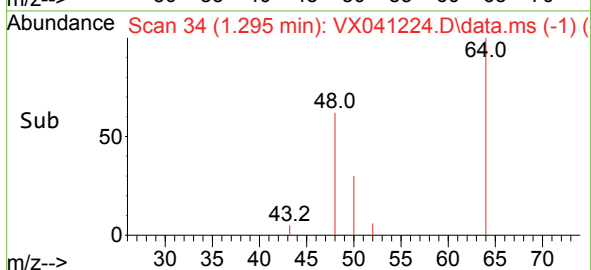
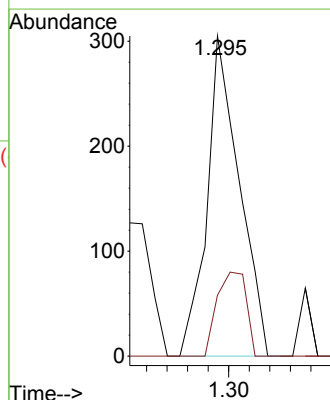
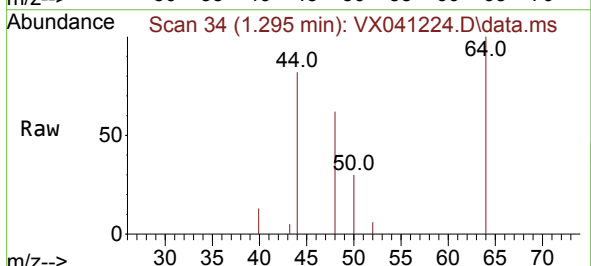
Acq: 23 Apr 2024 18:45

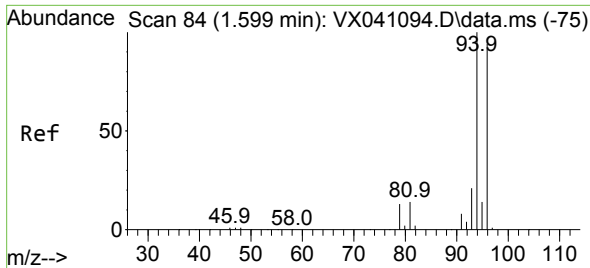
Tgt Ion: 50 Resp: 333

Ion Ratio Lower Upper

50 100

52 19.0 25.5 38.3#

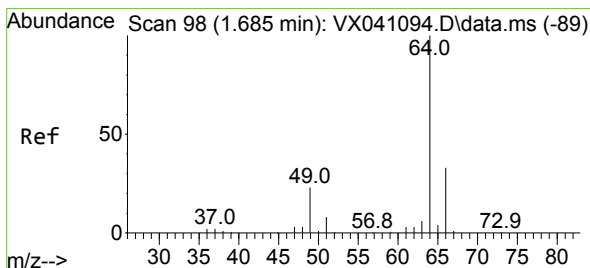
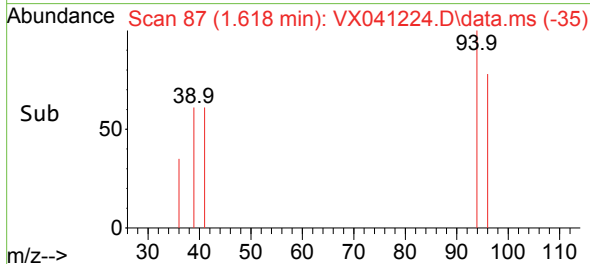
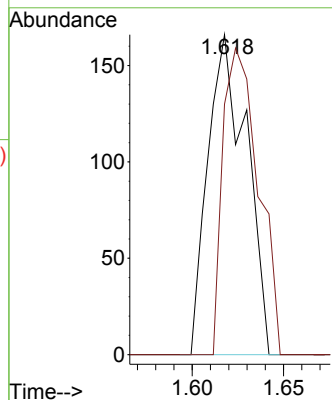
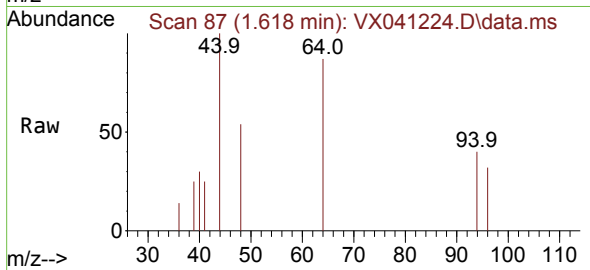




#5
Bromomethane
Concen: 0.283 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX041224.D
Acq: 23 Apr 2024 18:45

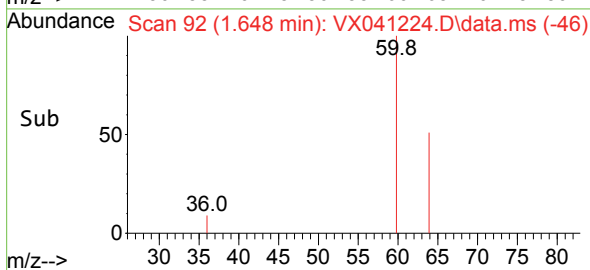
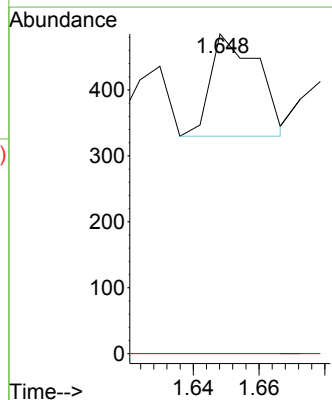
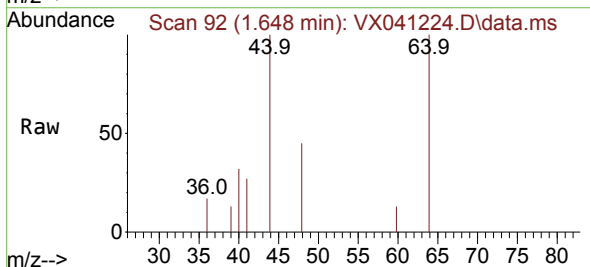
Instrument :
MSVOA_X
ClientSampleId :

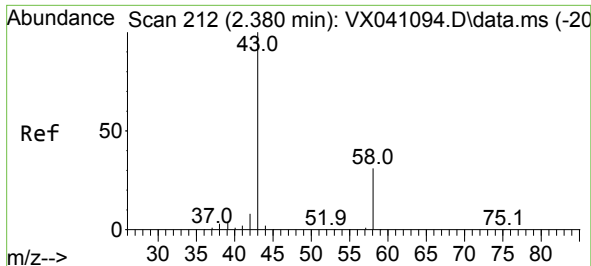
Tgt Ion: 94 Resp: 244
Ion Ratio Lower Upper
94 100
96 78.3 74.6 111.8



#6
Chloroethane
Concen: 0.266 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.018 min
Lab File: VX041224.D
Acq: 23 Apr 2024 18:45

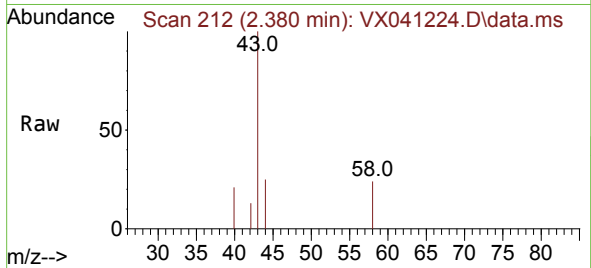
Tgt Ion: 64 Resp: 155
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



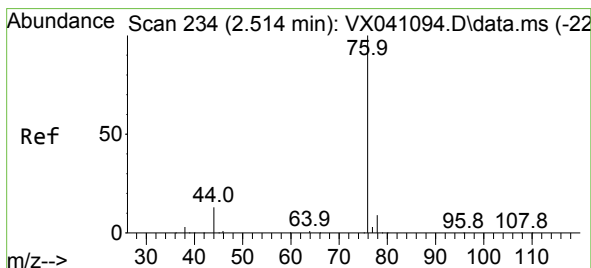
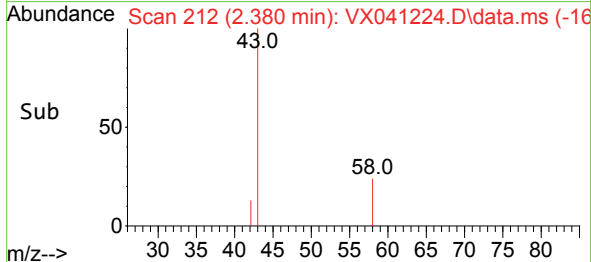
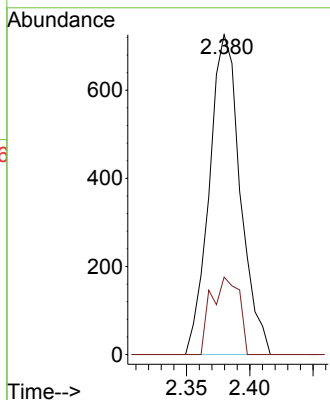


#16
Acetone
Concen: 1.998 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.018 min
Lab File: VX041224.D
Acq: 23 Apr 2024 18:45

Instrument :
MSVOA_X
ClientSampleId :

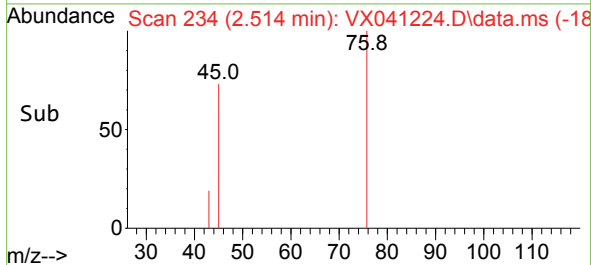
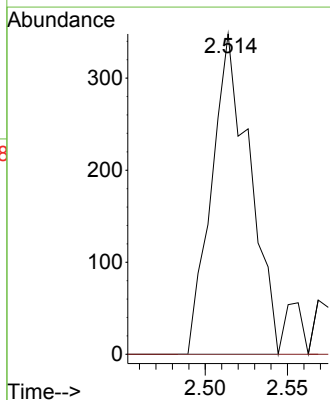
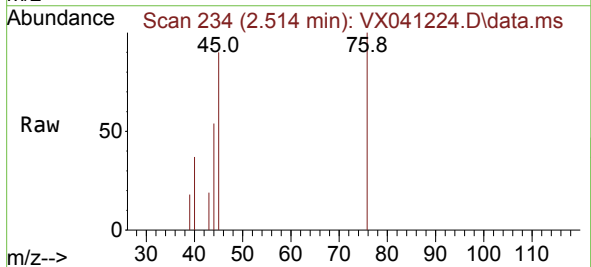


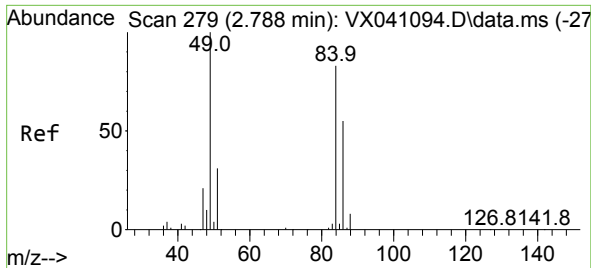
Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
58 24.2 21.9 32.9



#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.012 min
Lab File: VX041224.D
Acq: 23 Apr 2024 18:45

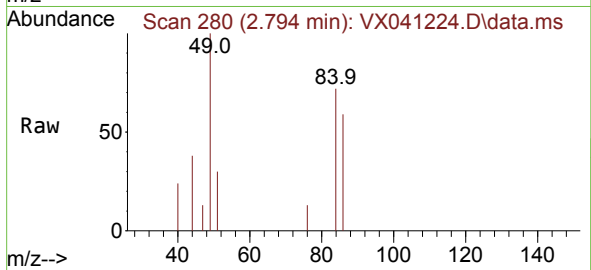
Tgt Ion: 76 Resp: 560
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



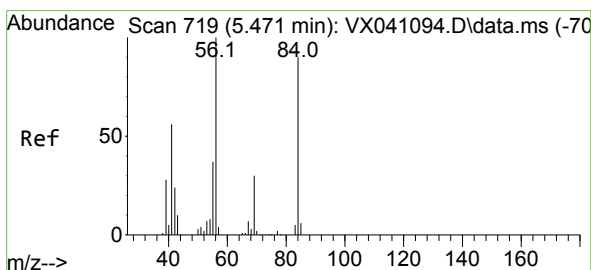
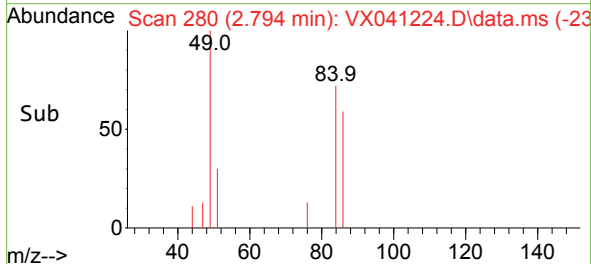
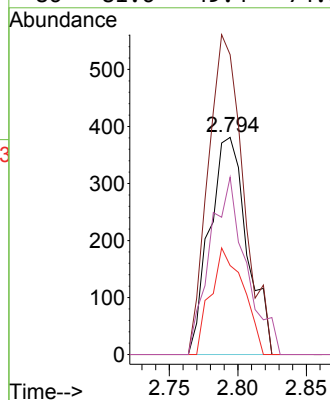


#20
Methylene Chloride
Concen: 0.477 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041224.D
Acq: 23 Apr 2024 18:45

Instrument :
MSVOA_X
ClientSampleId :

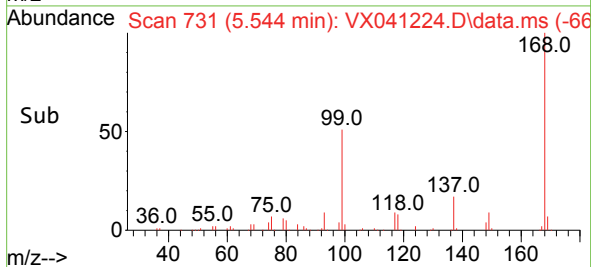
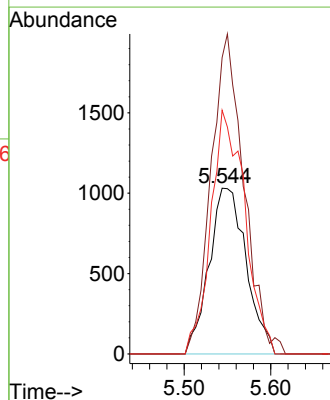
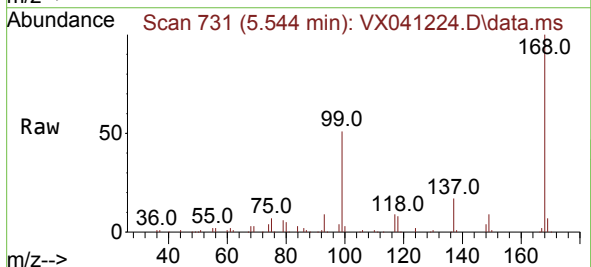


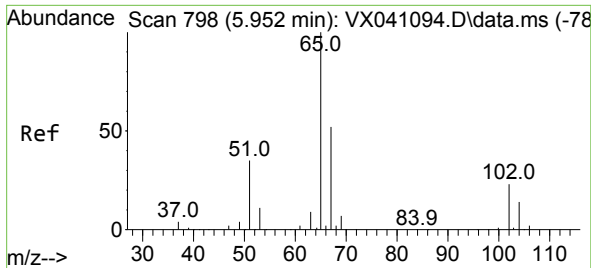
Tgt Ion:	84	Resp:	722
Ion	Ratio	Lower	Upper
84	100		
49	138.1	103.6	155.4
51	40.9	33.8	50.6
86	81.6	49.4	74.0



#31
Cyclohexane
Concen: 1.338 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041224.D
Acq: 23 Apr 2024 18:45

Tgt Ion:	56	Resp:	3066
Ion	Ratio	Lower	Upper
56	100		
69	178.9	23.4	35.2
84	147.0	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 57.075 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041224.D

Acq: 23 Apr 2024 18:45

Instrument :

MSVOA_X

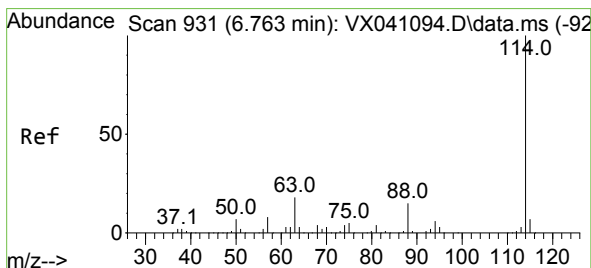
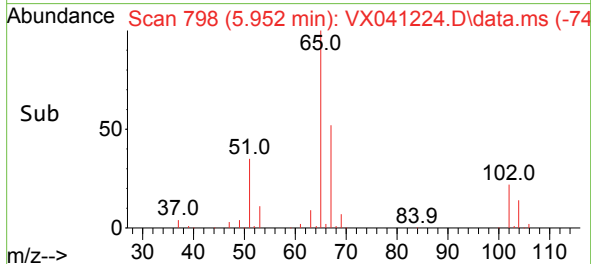
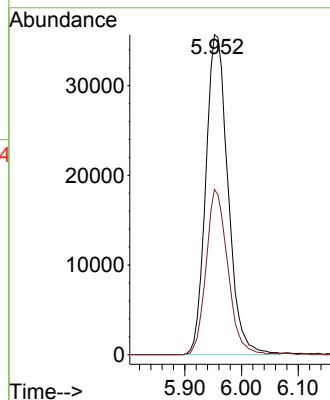
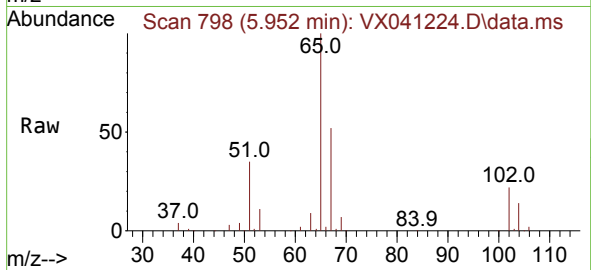
ClientSampleId :

Tgt Ion: 65 Resp: 97160

Ion Ratio Lower Upper

65 100

67 50.3 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: VX041224.D

Acq: 23 Apr 2024 18:45

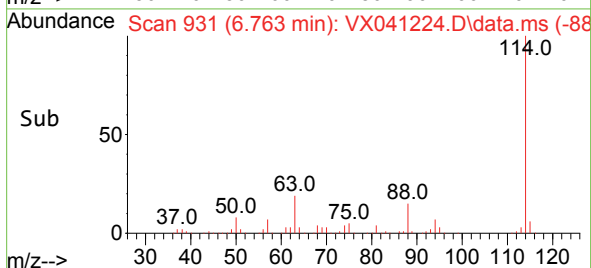
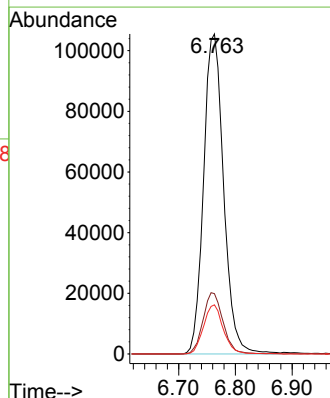
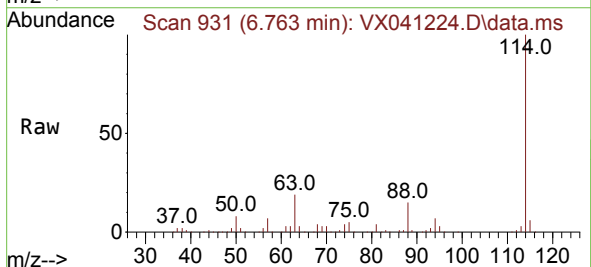
Tgt Ion: 114 Resp: 258781

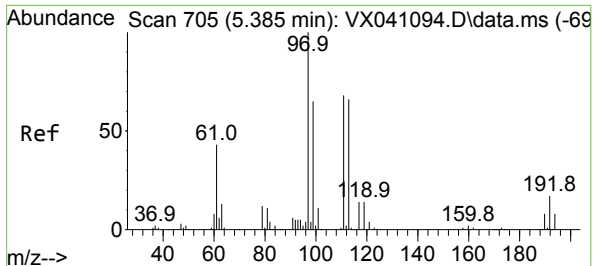
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

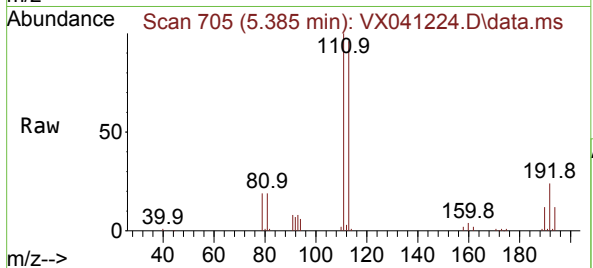
88 15.3 0.0 36.6



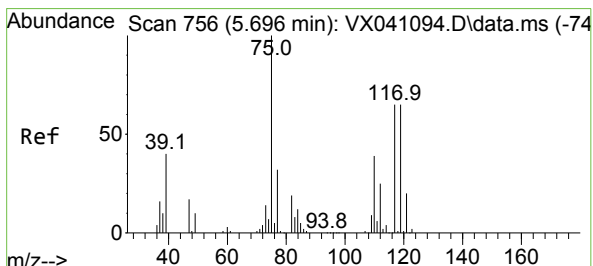
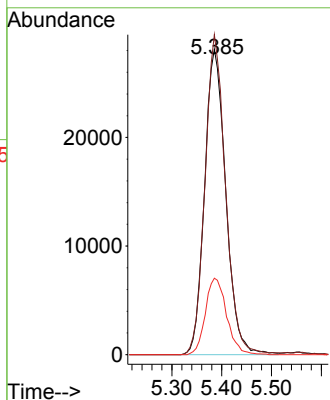
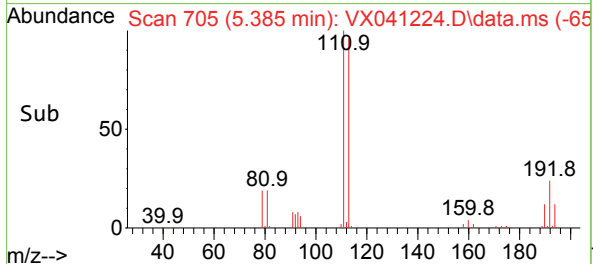


#35
Dibromofluoromethane
Concen: 52.827 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041224.D
Acq: 23 Apr 2024 18:45

Instrument :
MSVOA_X
ClientSampleId :

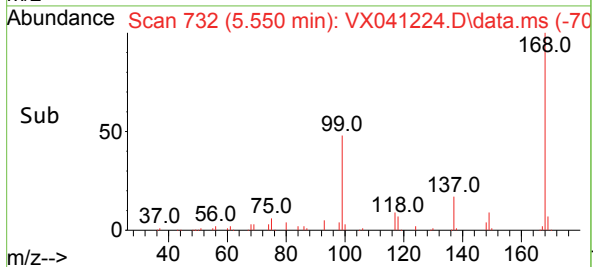
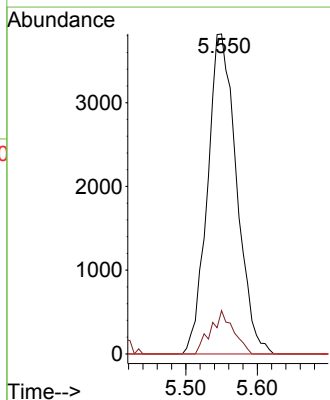
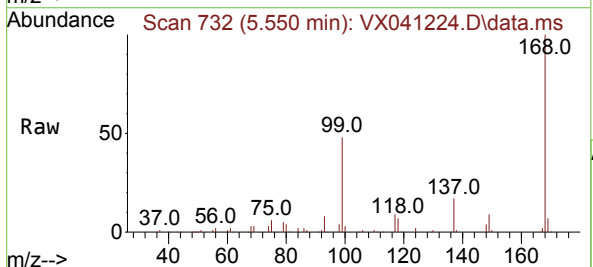


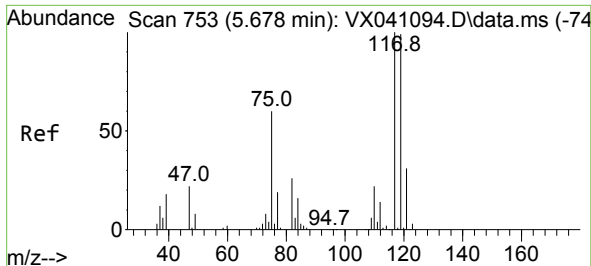
Tgt Ion:113 Resp: 83156
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 25.1 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.358 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041224.D
Acq: 23 Apr 2024 18:45

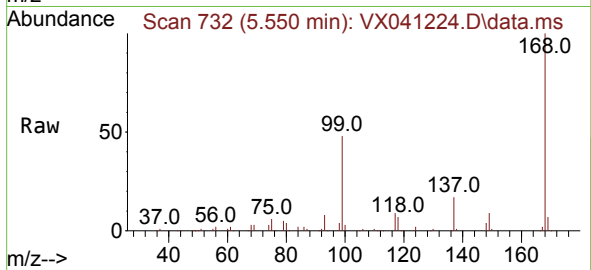
Tgt Ion: 75 Resp: 10792
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#



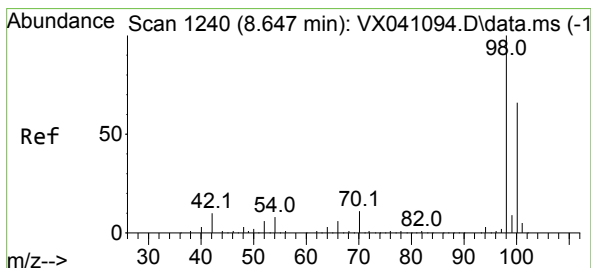
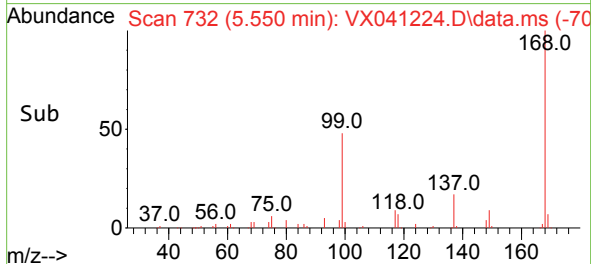
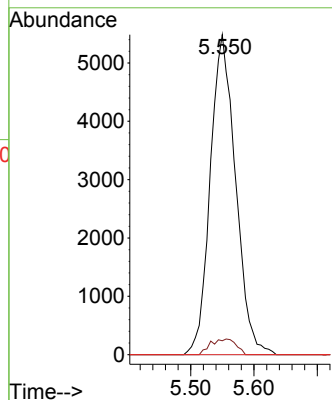


#38
Carbon Tetrachloride
Concen: 6.779 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041224.D
Acq: 23 Apr 2024 18:45

Instrument :
MSVOA_X
ClientSampleId :

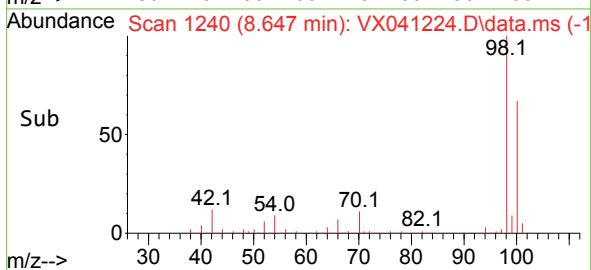
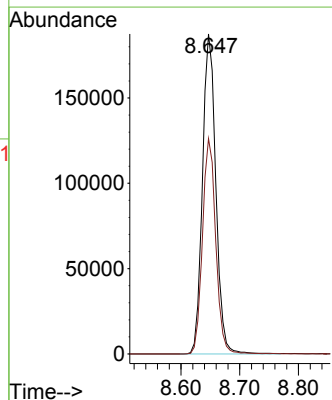
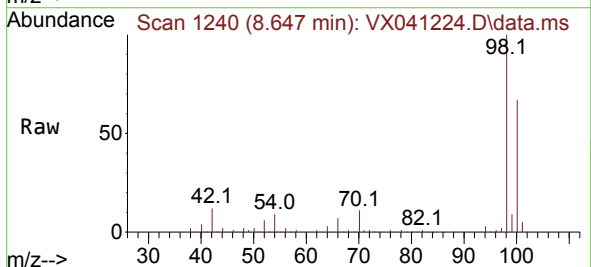


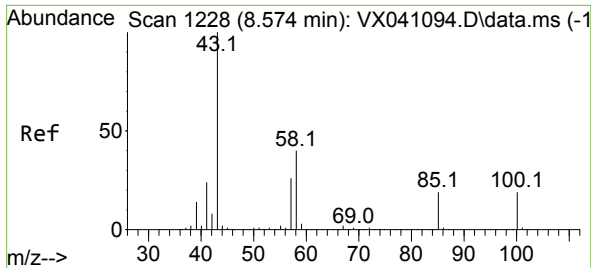
Tgt Ion:117 Resp: 15250
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 55.850 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041224.D
Acq: 23 Apr 2024 18:45

Tgt Ion: 98 Resp: 296617
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

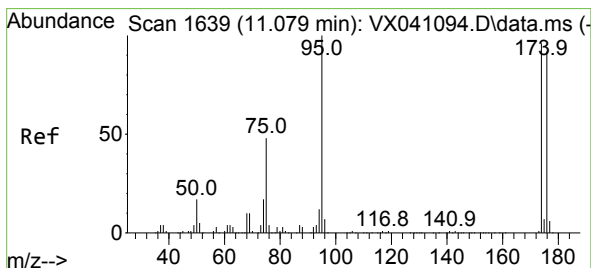
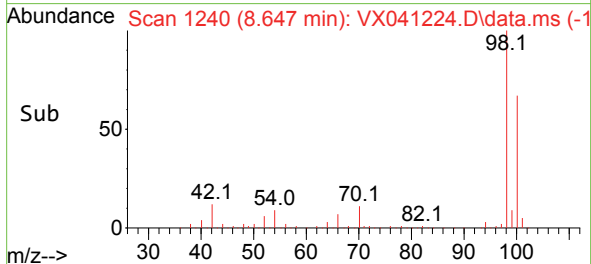
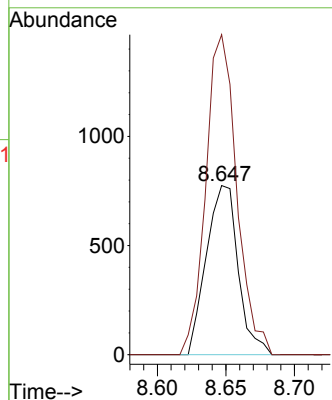
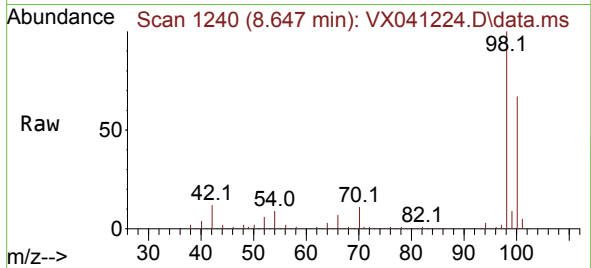




#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041224.D
Acq: 23 Apr 2024 18:45

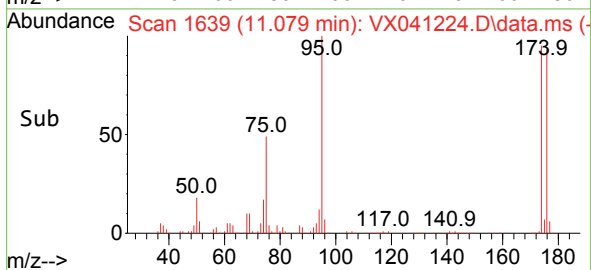
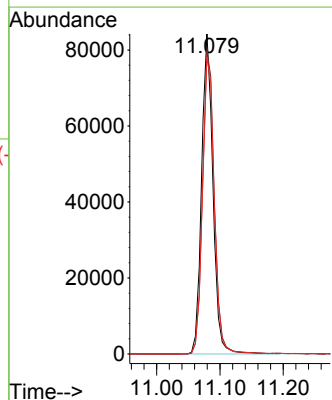
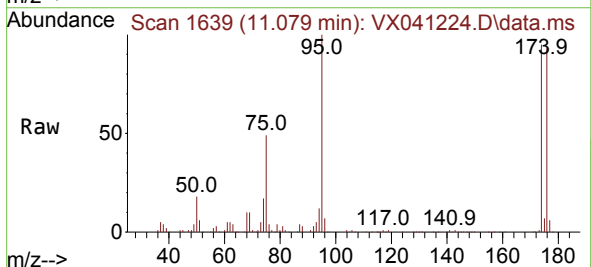
Instrument :
MSVOA_X
ClientSampleId :

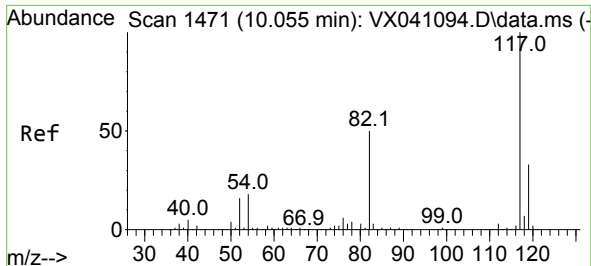
Tgt Ion: 43 Resp: 1251
Ion Ratio Lower Upper
43 100
58 184.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 53.645 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041224.D
Acq: 23 Apr 2024 18:45

Tgt Ion: 95 Resp: 105159
Ion Ratio Lower Upper
95 100
174 98.9 0.0 135.6
176 96.0 0.0 131.0

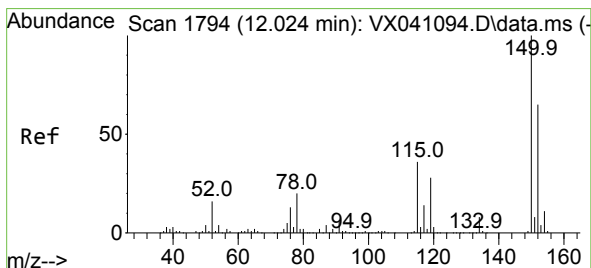
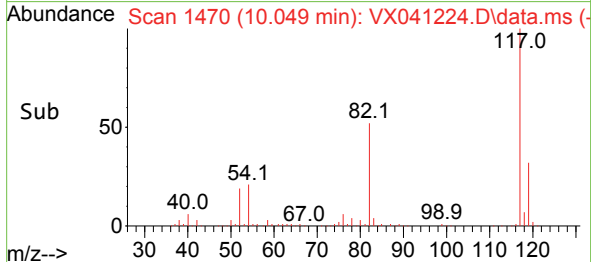
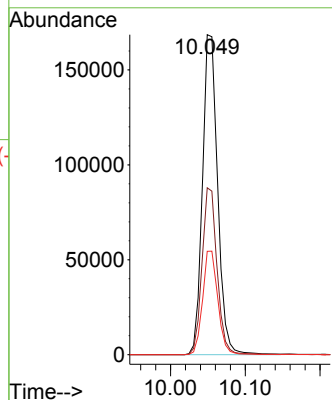
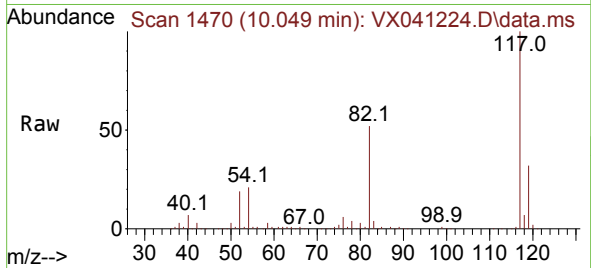




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX041224.D
Acq: 23 Apr 2024 18:45

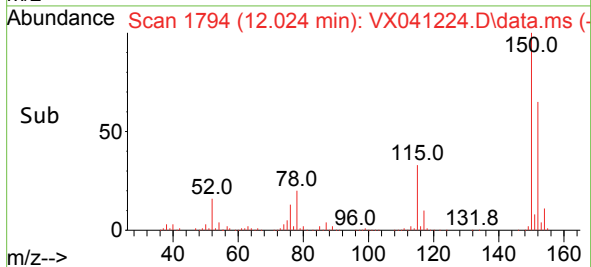
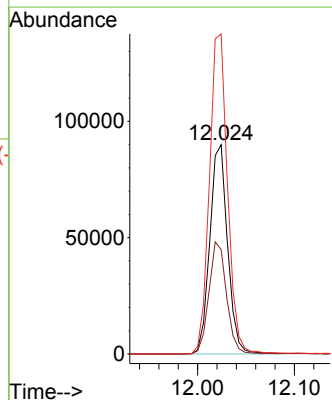
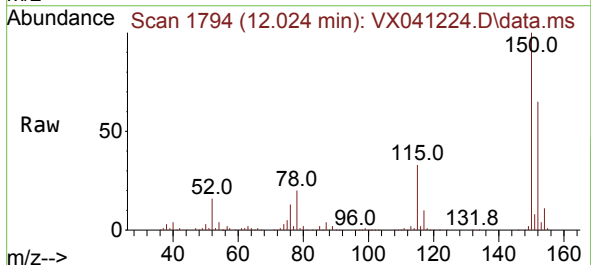
Instrument :
MSVOA_X
ClientSampleId :

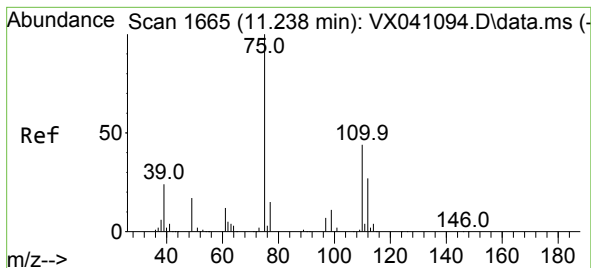
Tgt Ion:117 Resp: 237874
Ion Ratio Lower Upper
117 100
82 52.1 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041224.D
Acq: 23 Apr 2024 18:45

Tgt Ion:152 Resp: 115116
Ion Ratio Lower Upper
152 100
115 53.3 43.3 129.9
150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.504 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041224.D

Acq: 23 Apr 2024 18:45

Instrument :

MSVOA_X

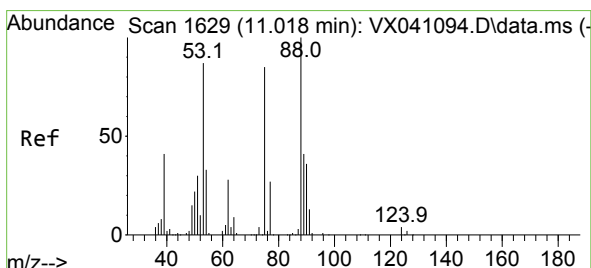
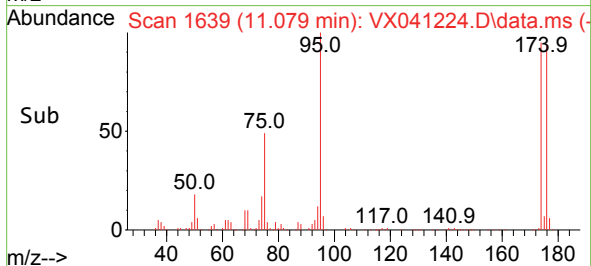
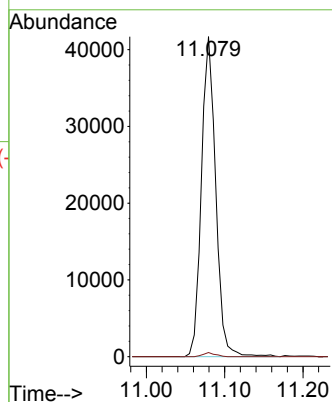
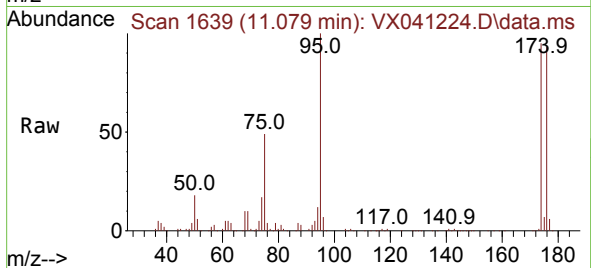
ClientSampleId :

Tgt Ion: 75 Resp: 52867

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.419 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041224.D

Acq: 23 Apr 2024 18:45

Tgt Ion: 75 Resp: 52867

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

