

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041192.D
 Acq On : 22 Apr 2024 16:08
 Operator : JC/MD
 Sample : VX0422WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBL01

Quant Time: Apr 23 05:36:16 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)

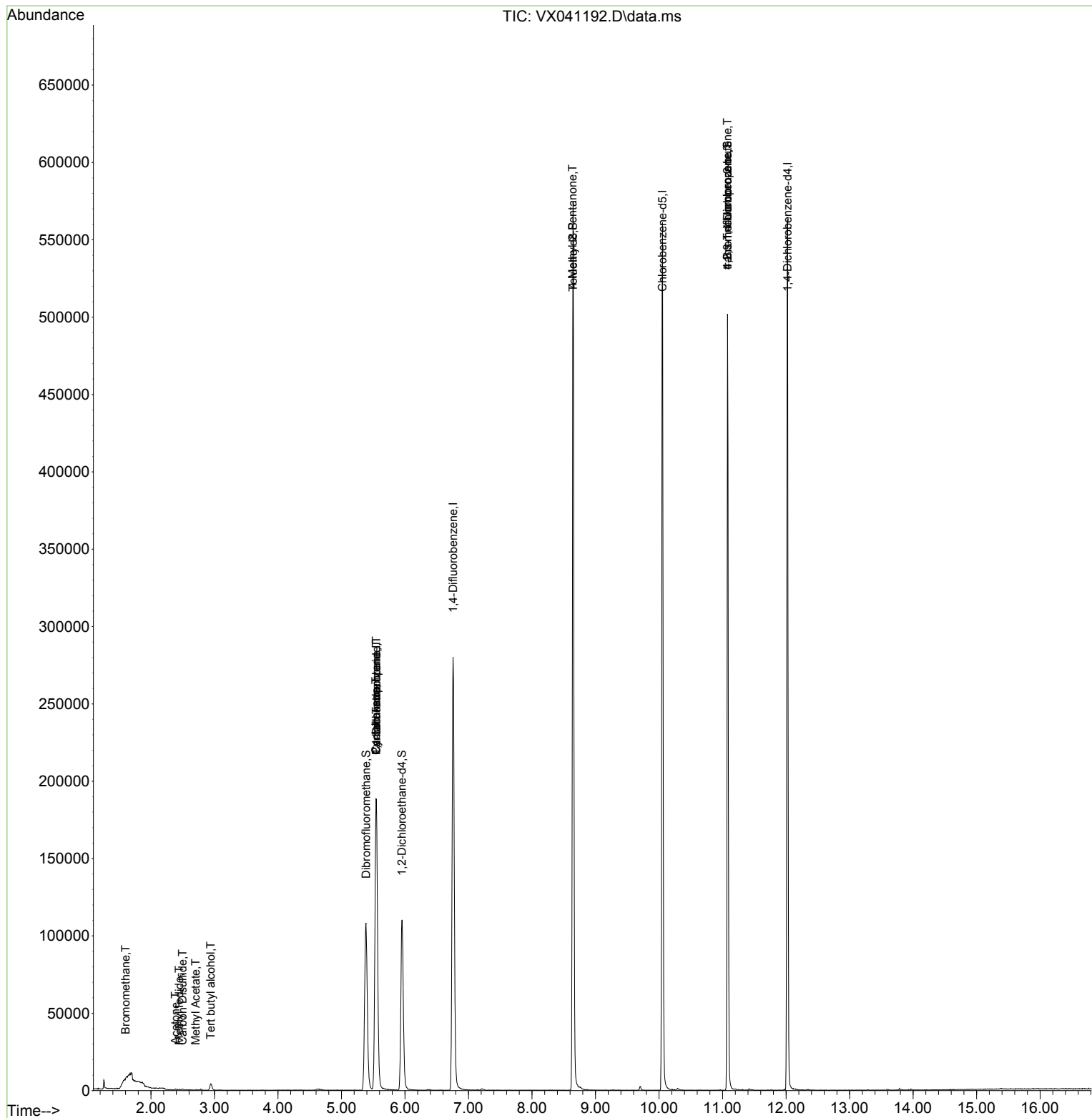
Internal Standards						
1) Pentafluorobenzene	5.550	168	209040	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	305700	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111701	56.134	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.260%	
35) Dibromofluoromethane	5.385	113	94293	50.708	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.420%	
50) Toluene-d8	8.647	98	343982	54.828	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.660%	
62) 4-Bromofluorobenzene	11.079	95	122437	52.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	386	0.383	ug/l	88
10) Methyl Iodide	2.447	142	551	0.280	ug/l #	69
11) Tert butyl alcohol	2.941	59	2608	7.316	ug/l #	78
16) Acetone	2.386	43	405	0.559	ug/l #	77
17) Carbon Disulfide	2.496	76	708	0.222	ug/l #	82
18) Methyl Acetate	2.703	43	451	0.210	ug/l #	70
31) Cyclohexane	5.544	56	3260	1.217	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12775	5.369	ug/l #	52
38) Carbon Tetrachloride	5.550	117	17889	6.732	ug/l #	13
51) 4-Methyl-2-Pentanone	8.641	43	1491	0.566	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	61290	28.053	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61290	79.146	ug/l #	5

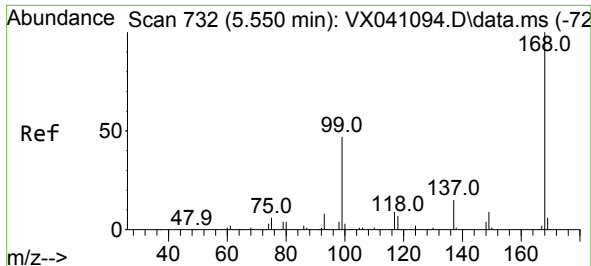
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
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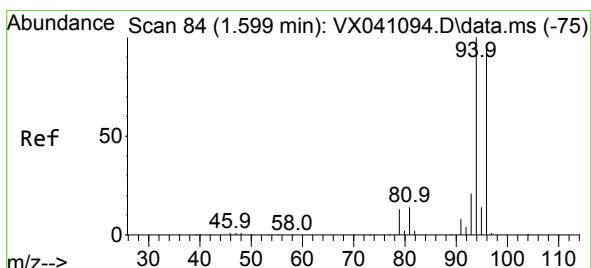
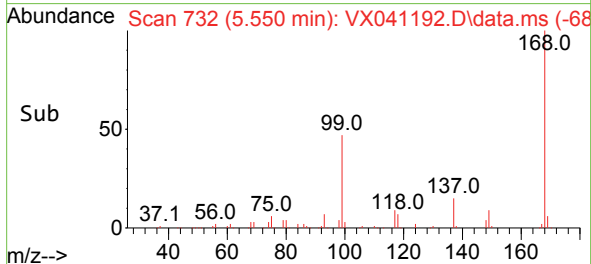
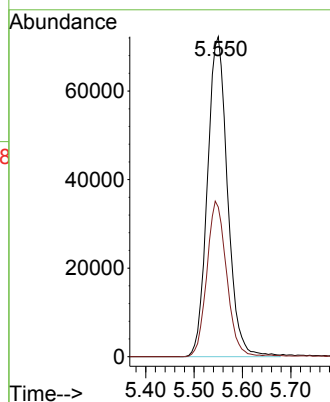
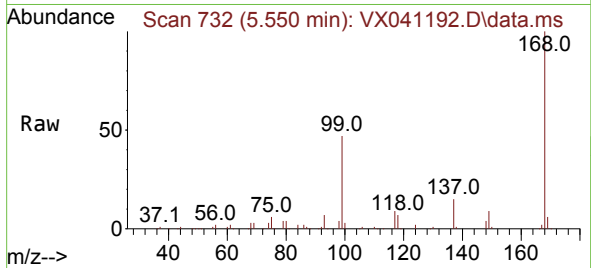




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041192.D
Acq: 22 Apr 2024 16:08

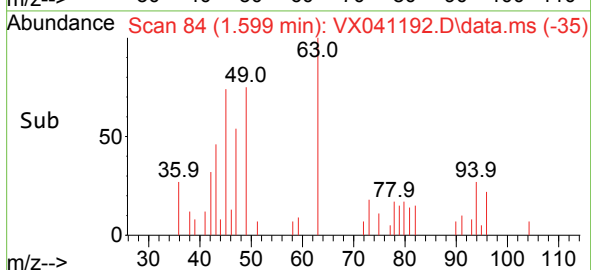
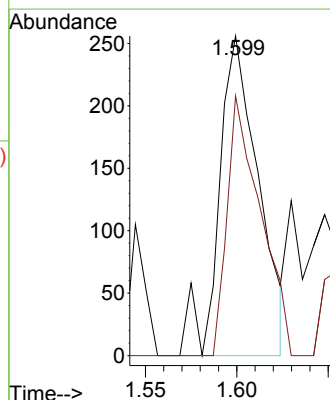
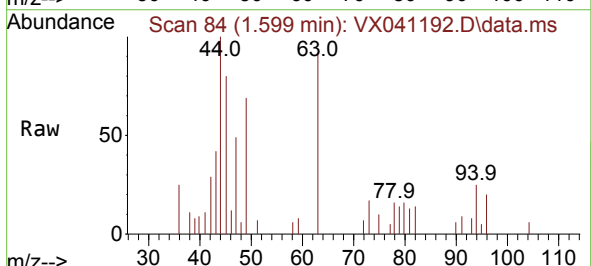
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBL01

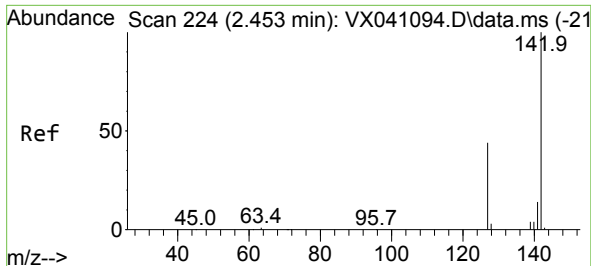
Tgt Ion:168 Resp: 209040
Ion Ratio Lower Upper
168 100
99 46.8 56.6 85.0#



#5
Bromomethane
Concen: 0.383 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041192.D
Acq: 22 Apr 2024 16:08

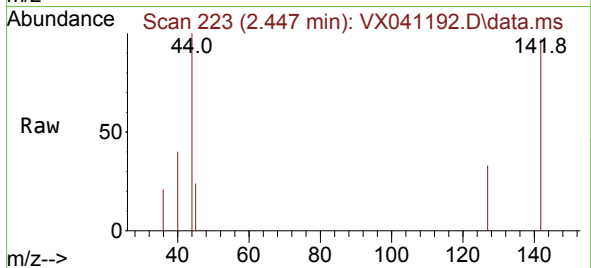
Tgt Ion: 94 Resp: 386
Ion Ratio Lower Upper
94 100
96 81.3 74.6 111.8



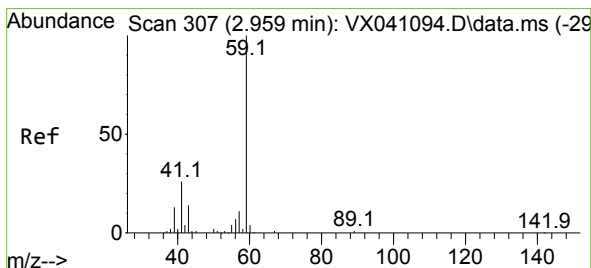
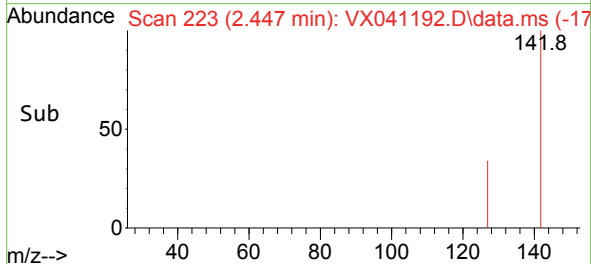
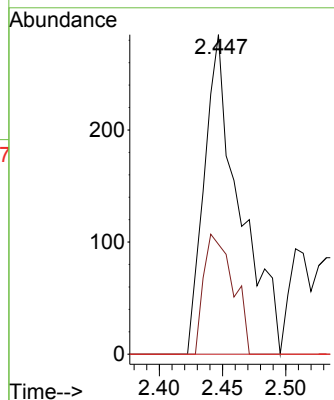


#10
Methyl Iodide
Concen: 0.280 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041192.D
Acq: 22 Apr 2024 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBL01

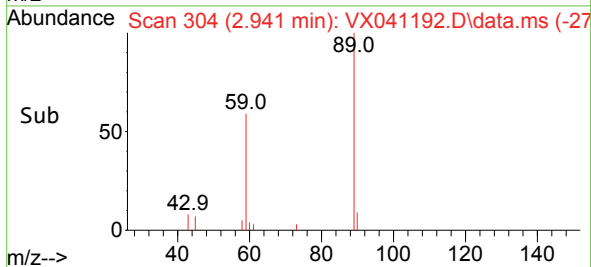
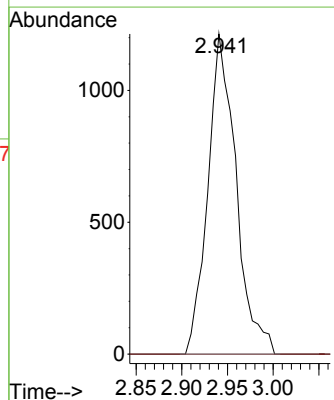
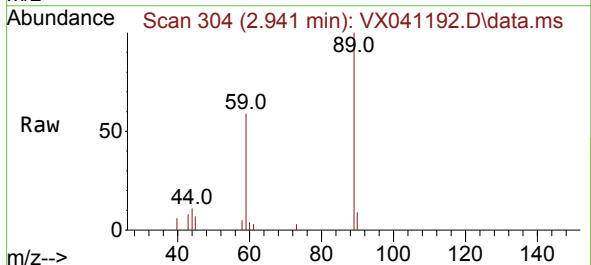


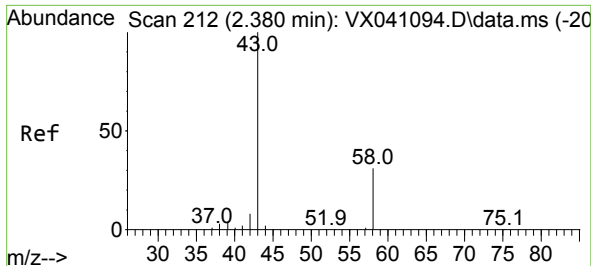
Tgt Ion:142 Resp: 551
Ion Ratio Lower Upper
142 100
127 31.4 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 7.316 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.122 min
Lab File: VX041192.D
Acq: 22 Apr 2024 16:08

Tgt Ion: 59 Resp: 2608
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

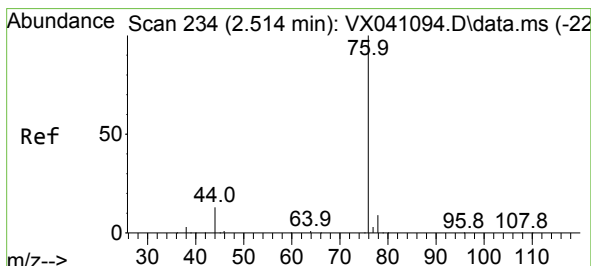
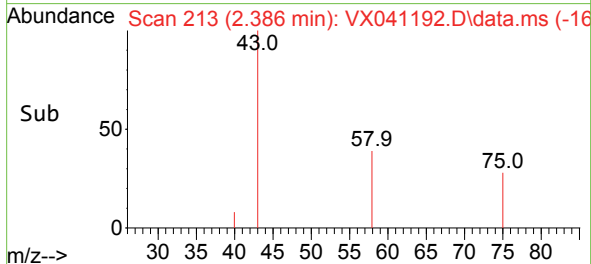
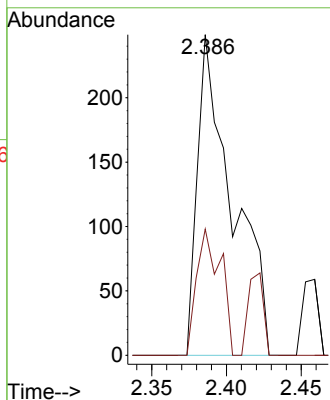
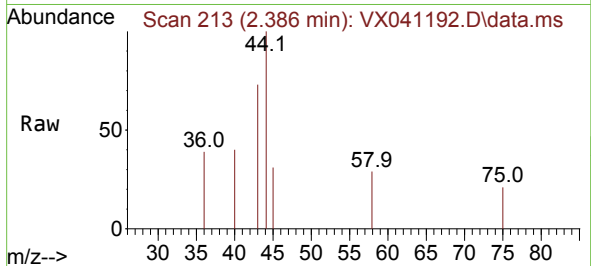




#16
Acetone
Concen: 0.559 ug/l
RT: 2.386 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX041192.D
Acq: 22 Apr 2024 16:08

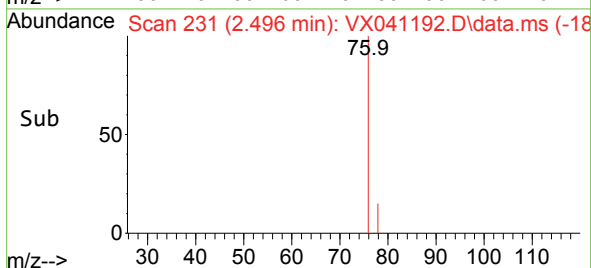
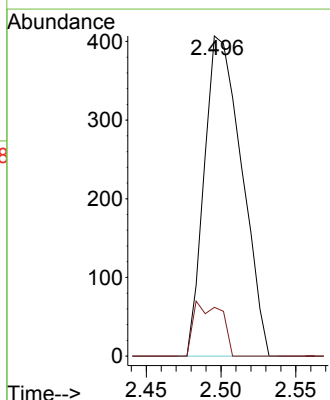
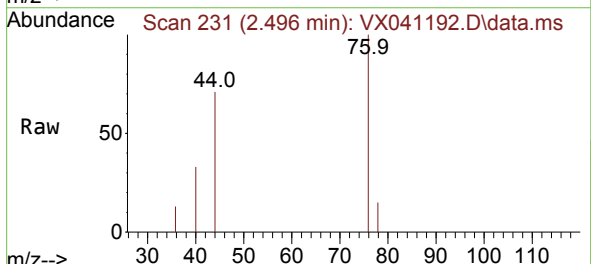
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBL01

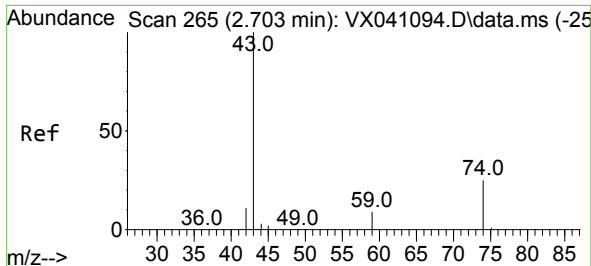
Tgt Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
58 39.4 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 2.496 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX041192.D
Acq: 22 Apr 2024 16:08

Tgt Ion: 76 Resp: 708
Ion Ratio Lower Upper
76 100
78 15.2 7.0 10.6#

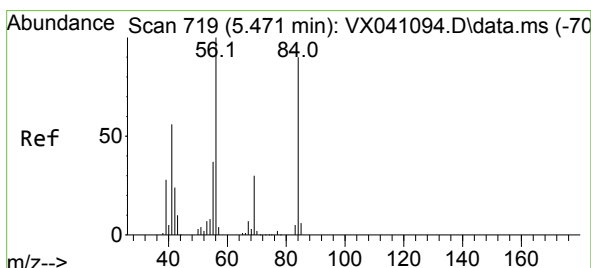
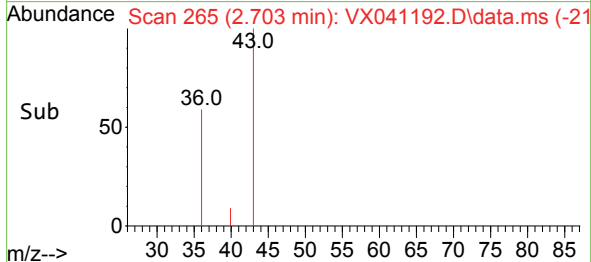
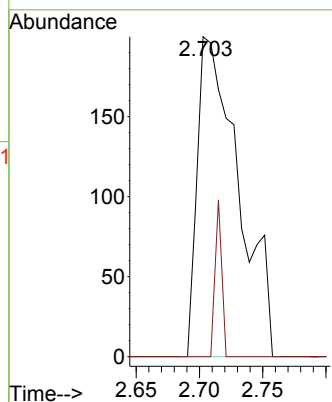
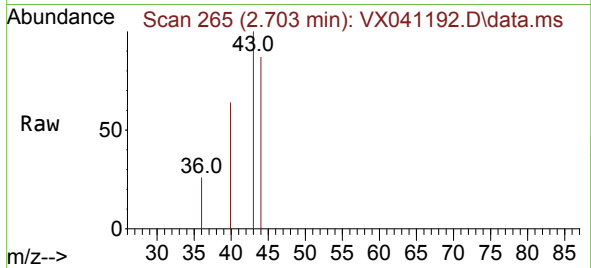




#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 2.703 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX041192.D
Acq: 22 Apr 2024 16:08

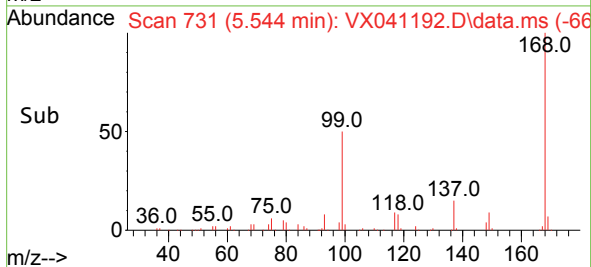
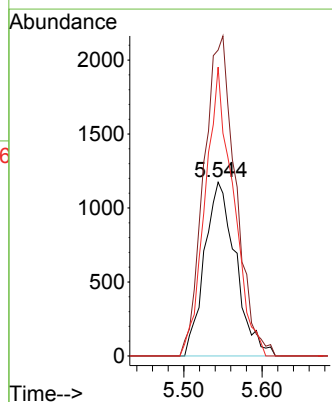
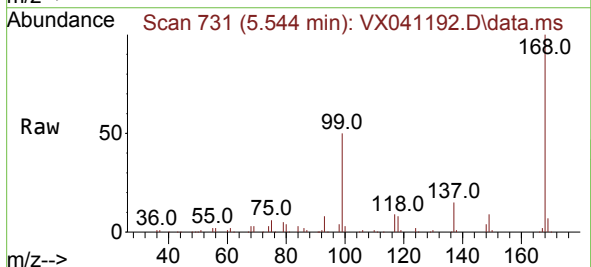
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBL01

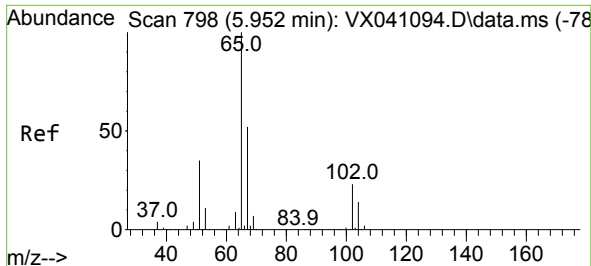
Tgt Ion: 43 Resp: 451
Ion Ratio Lower Upper
43 100
74 8.0 17.8 26.8#



#31
Cyclohexane
Concen: 1.217 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041192.D
Acq: 22 Apr 2024 16:08

Tgt Ion: 56 Resp: 3260
Ion Ratio Lower Upper
56 100
69 176.0 23.4 35.2#
84 166.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 56.134 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041192.D

Acq: 22 Apr 2024 16:08

Instrument :

MSVOA_X

ClientSampleId :

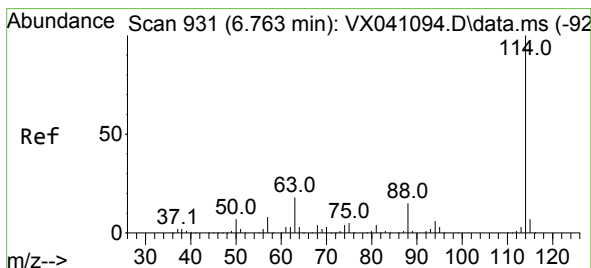
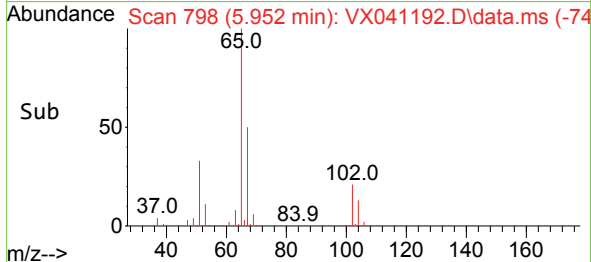
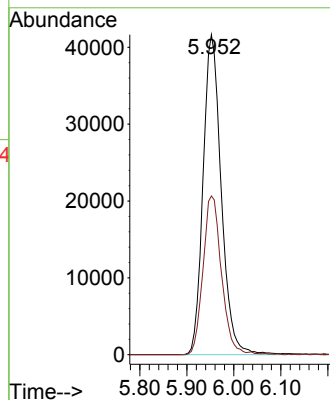
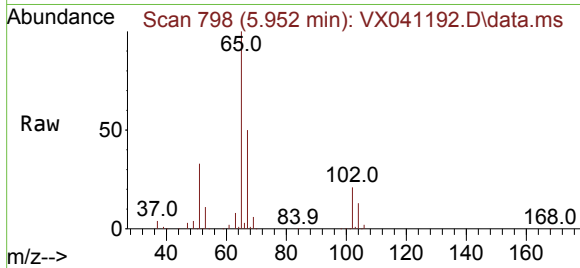
VX0422WBL01

Tgt Ion: 65 Resp: 111701

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041192.D

Acq: 22 Apr 2024 16:08

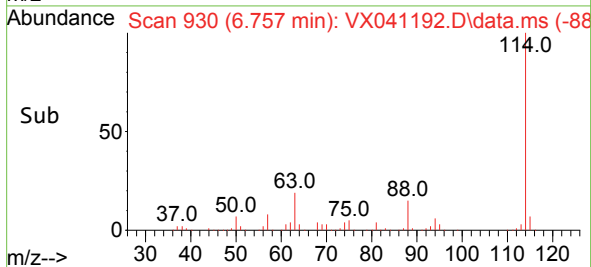
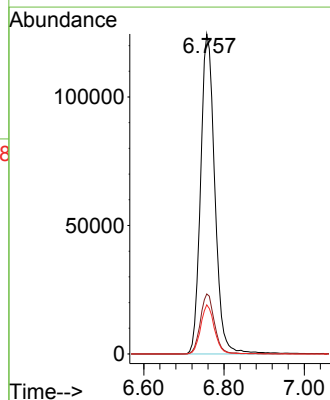
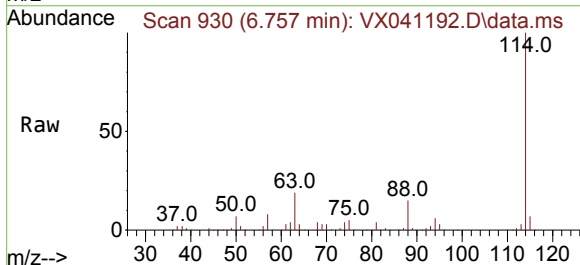
Tgt Ion:114 Resp: 305700

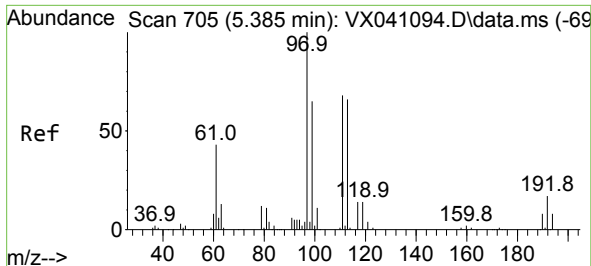
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

88 15.3 0.0 36.6

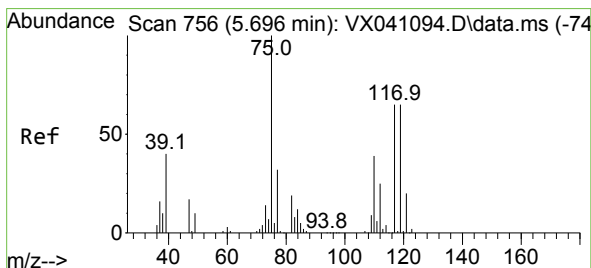
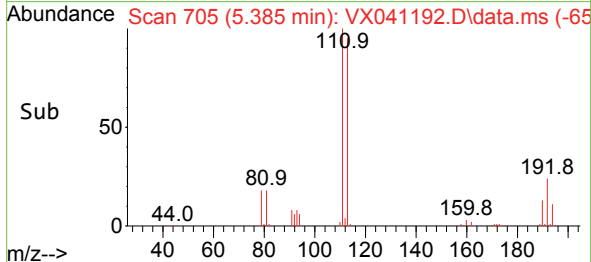
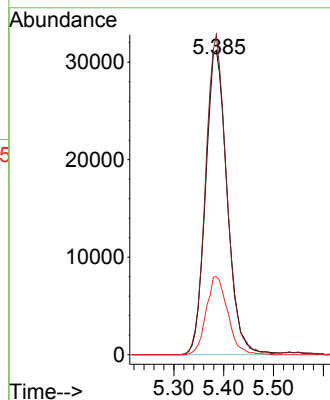
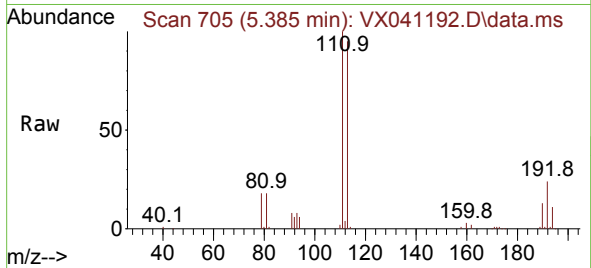




#35
Dibromofluoromethane
Concen: 50.708 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041192.D
Acq: 22 Apr 2024 16:08

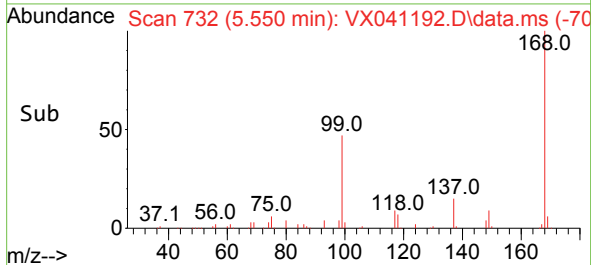
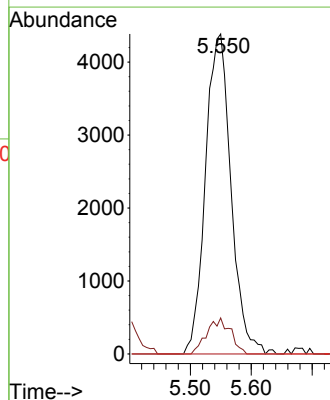
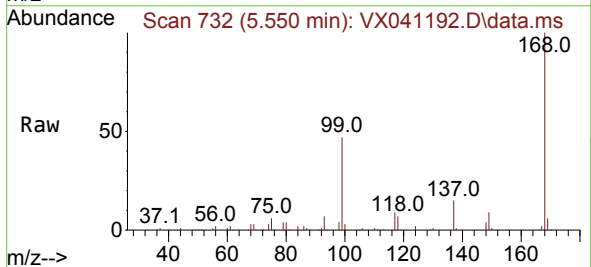
Instrument :
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VX0422WBL01

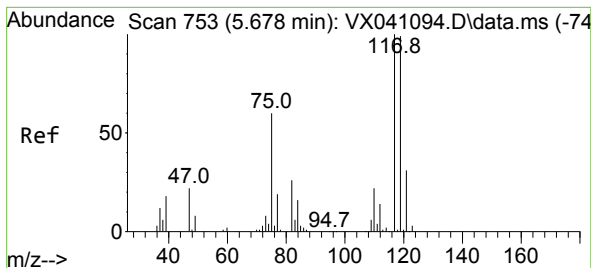
Tgt Ion:113 Resp: 94293
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 25.5 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.369 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041192.D
Acq: 22 Apr 2024 16:08

Tgt Ion: 75 Resp: 12775
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.732 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX041192.D

Acq: 22 Apr 2024 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBL01

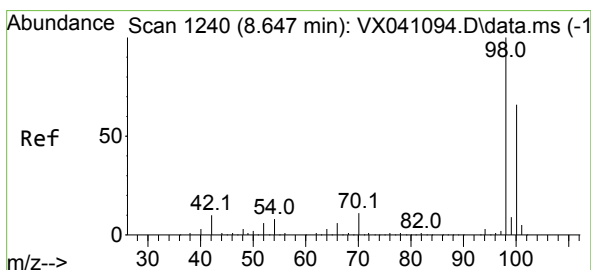
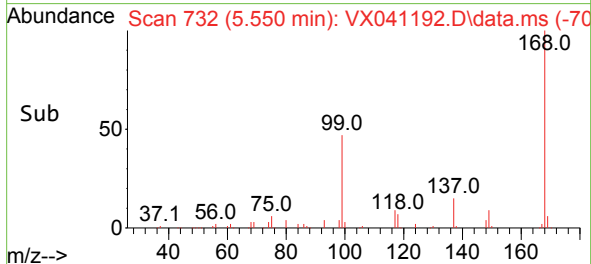
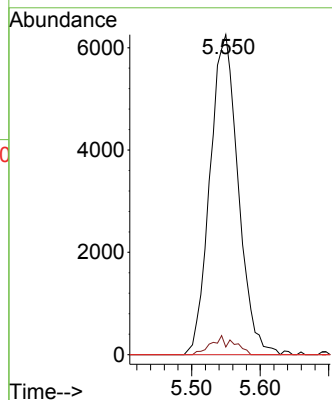
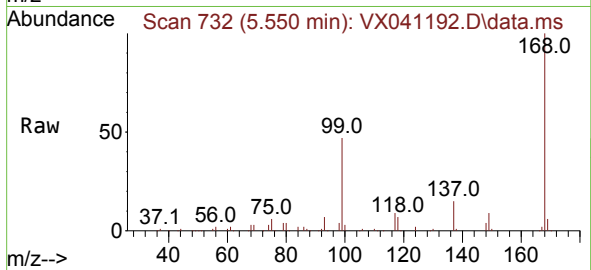
Tgt Ion:117 Resp: 17889

Ion Ratio Lower Upper

117 100

119 2.4 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 54.828 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041192.D

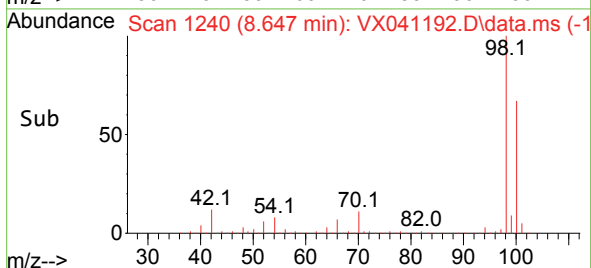
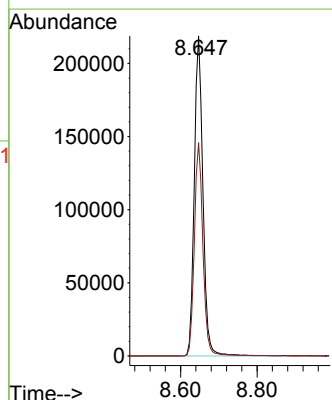
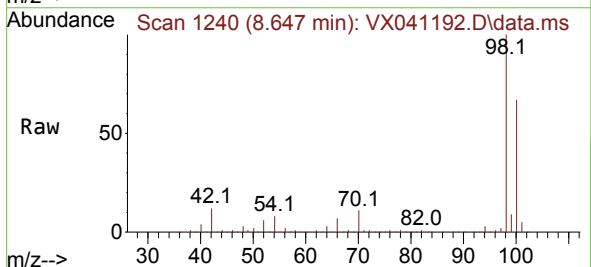
Acq: 22 Apr 2024 16:08

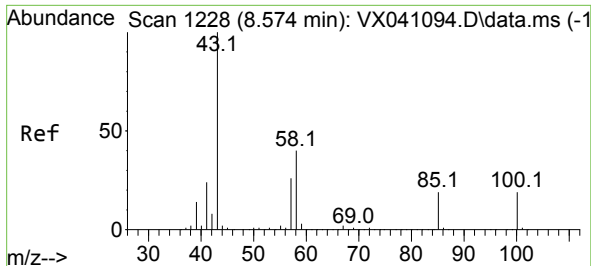
Tgt Ion: 98 Resp: 343982

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7

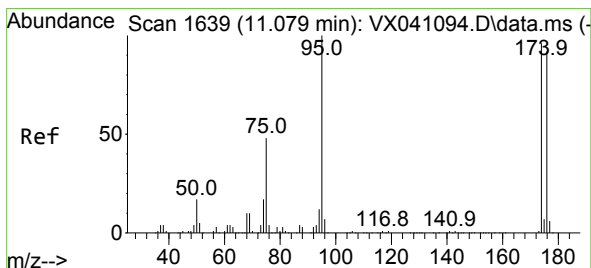
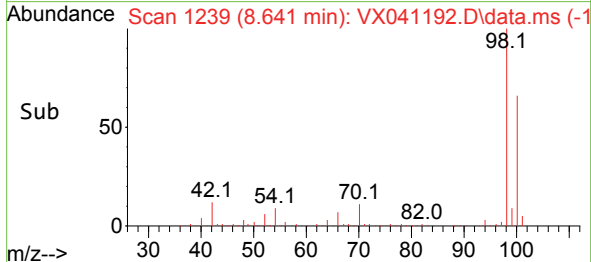
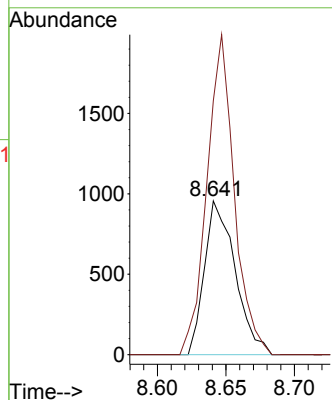
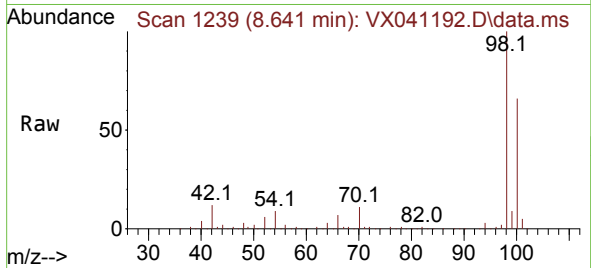




#51
4-Methyl-2-Pentanone
Concen: 0.566 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX041192.D
Acq: 22 Apr 2024 16:08

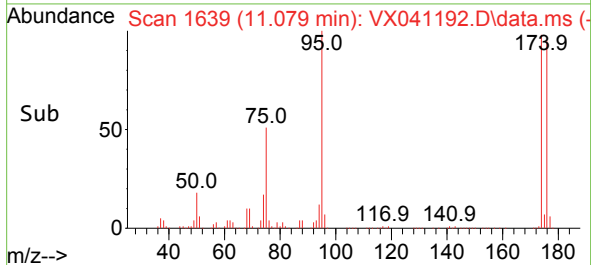
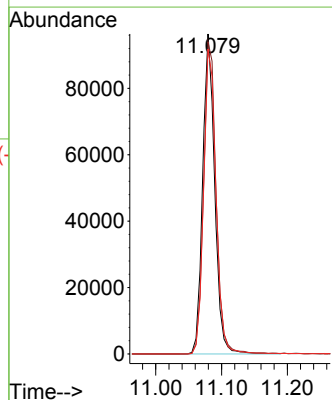
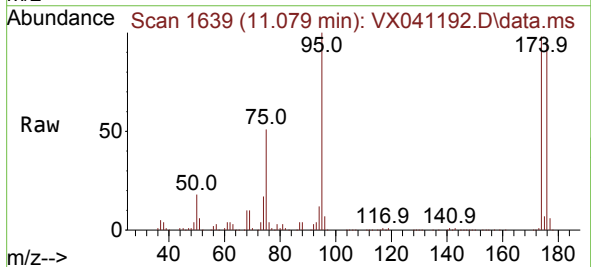
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBL01

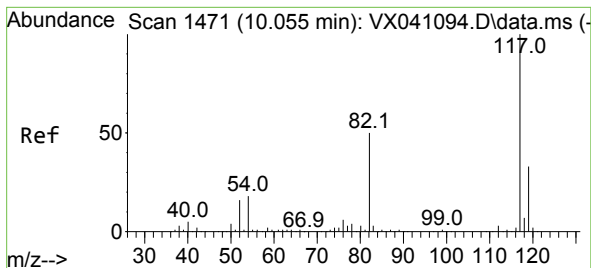
Tgt Ion: 43 Resp: 1491
Ion Ratio Lower Upper
43 100
58 185.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 52.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041192.D
Acq: 22 Apr 2024 16:08

Tgt Ion: 95 Resp: 122437
Ion Ratio Lower Upper
95 100
174 101.4 0.0 135.6
176 98.6 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: VX041192.D

Acq: 22 Apr 2024 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBL01

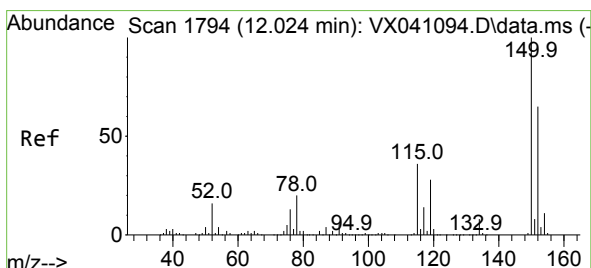
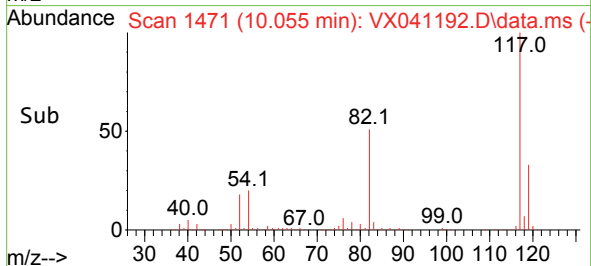
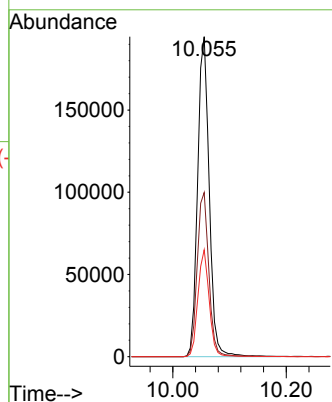
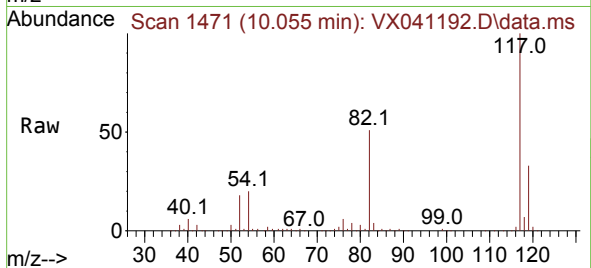
Tgt Ion:117 Resp: 275764

Ion Ratio Lower Upper

117 100

82 51.3 46.2 69.4

119 33.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041192.D

Acq: 22 Apr 2024 16:08

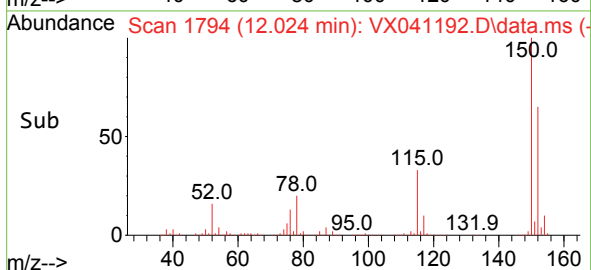
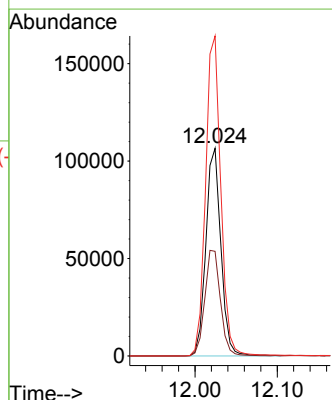
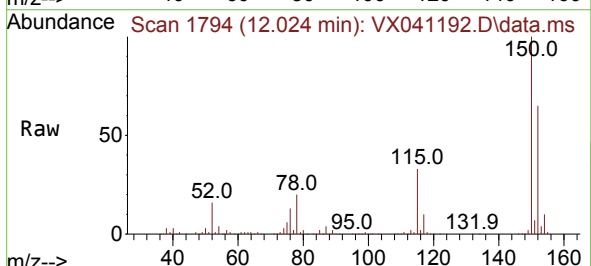
Tgt Ion:152 Resp: 135603

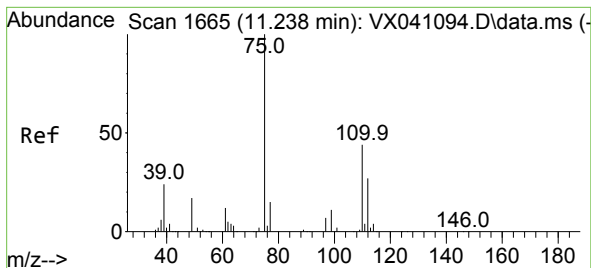
Ion Ratio Lower Upper

152 100

115 52.9 43.3 129.9

150 155.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.053 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041192.D

Acq: 22 Apr 2024 16:08

Instrument :

MSVOA_X

ClientSampleId :

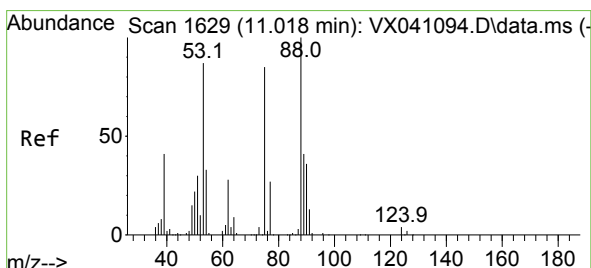
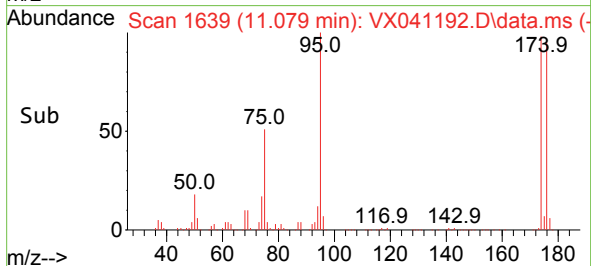
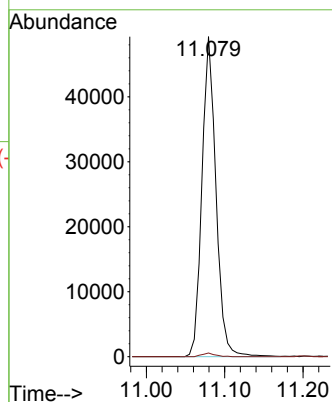
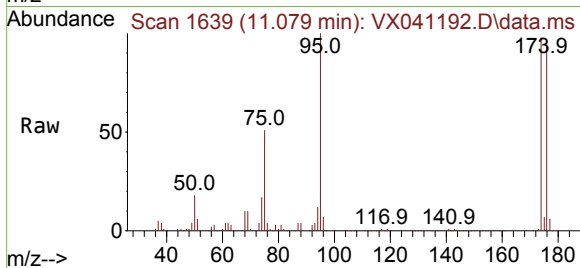
VX0422WBL01

Tgt Ion: 75 Resp: 61290

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.146 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041192.D

Acq: 22 Apr 2024 16:08

Tgt Ion: 75 Resp: 61290

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

