

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041810.D
 Acq On : 10 Jun 2024 15:08
 Operator : JC/MD
 Sample : P2767-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 03:49:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

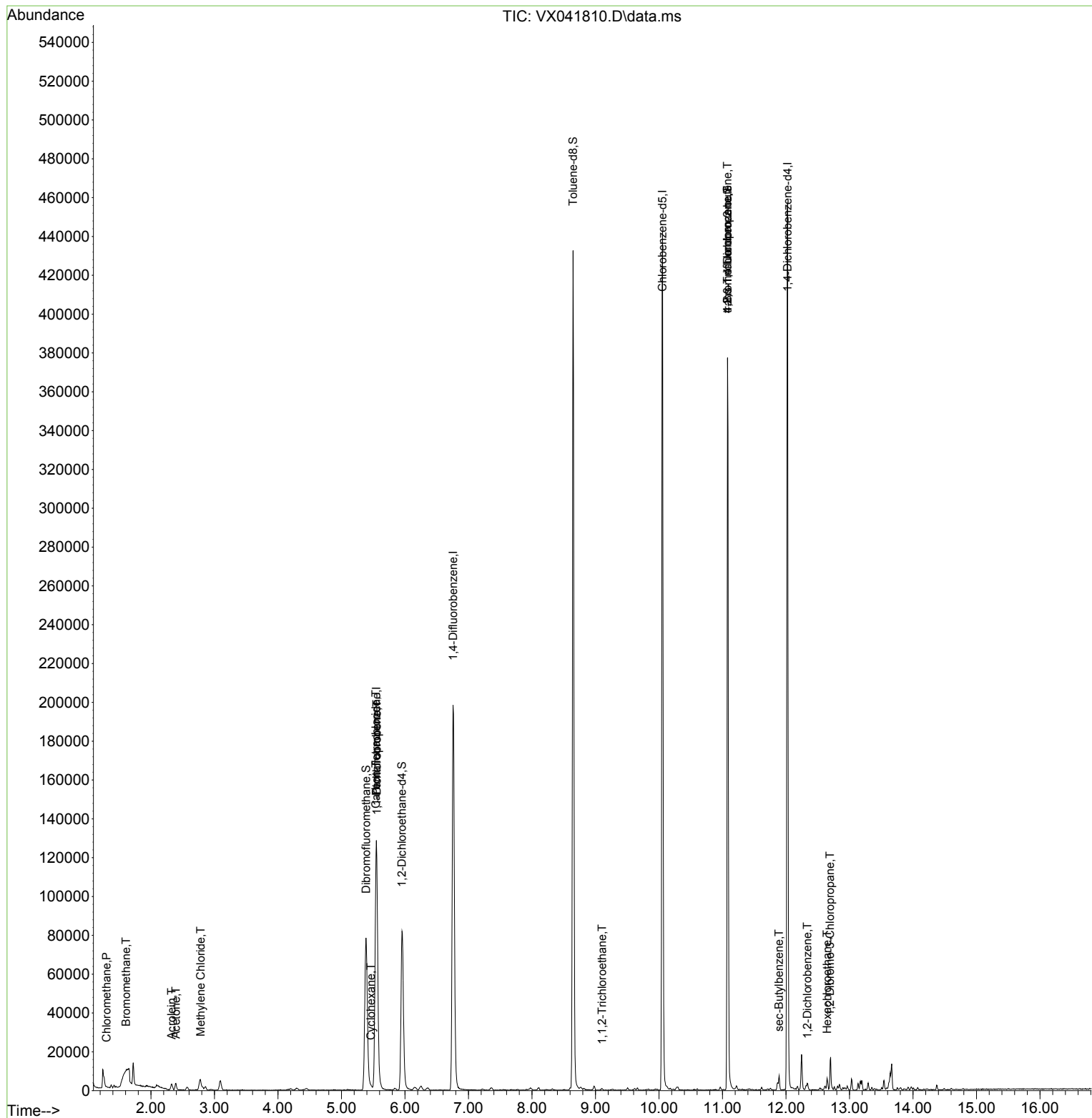
Internal Standards						
1) Pentafluorobenzene	5.550	168	134755	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	212390	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82065	49.654	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.300%
35) Dibromofluoromethane	5.385	113	67408	45.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.800%
50) Toluene-d8	8.647	98	253389	49.384	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.760%
62) 4-Bromofluorobenzene	11.079	95	95000	50.165	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.340%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	417	0.323	ug/l	# 43
5) Bromomethane	1.605	94	191	0.206	ug/l	# 78
13) Acrolein	2.325	56	431	1.583	ug/l	# 70
16) Acetone	2.392	43	3898	2.682	ug/l	95
20) Methylene Chloride	2.782	84	785	0.531	ug/l	89
31) Cyclohexane	5.465	56	1200	0.615	ug/l	86
36) 1,1-Dichloropropene	5.556	75	8957	5.037	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	12084	5.982	ug/l	# 15
55) 1,1,2-Trichloroethane	9.104	97	339	0.238	ug/l	# 17
76) 1,2,3-Trichloropropane	11.079	75	47494	25.989	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	47494	70.833	ug/l	# 5
85) sec-Butylbenzene	11.890	105	3726	0.556	ug/l	# 66
90) Hexachloroethane	12.646	117	1678	1.679	ug/l	# 17
91) 1,2-Dichlorobenzene	12.335	146	1427	0.409	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.695	75	104	0.223	ug/l	# 9

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
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Sample : P2767-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
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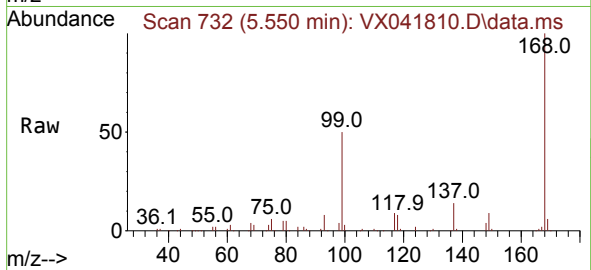
Quant Time: Jun 11 03:49:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration



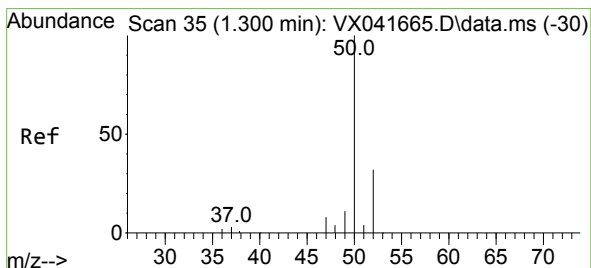
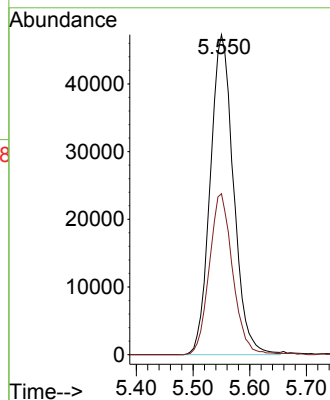
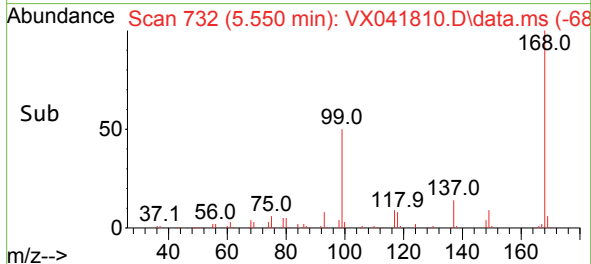


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

Instrument :
MSVOA_X
ClientSampleId :

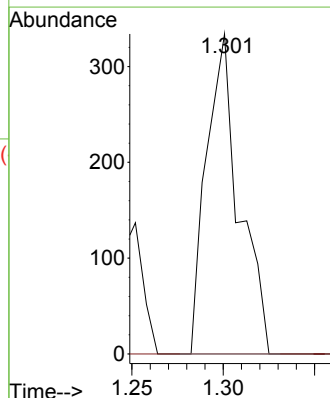
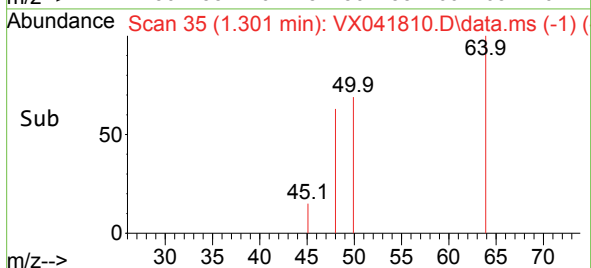
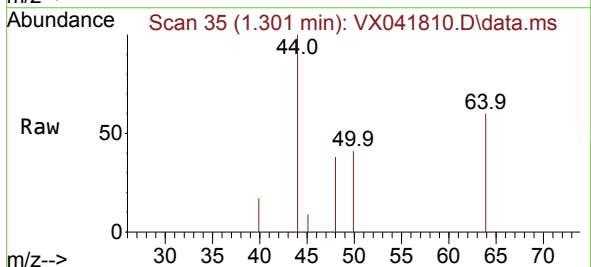


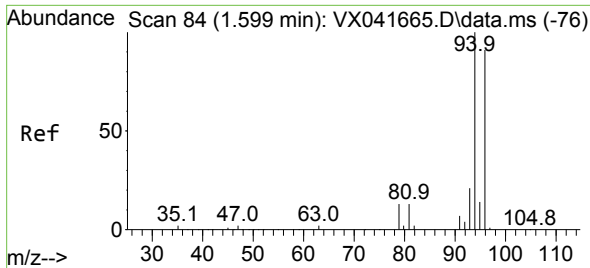
Tgt Ion:168 Resp: 134755
Ion Ratio Lower Upper
168 100
99 50.3 56.6 85.0#



#3
Chloromethane
Concen: 0.323 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

Tgt Ion: 50 Resp: 417
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

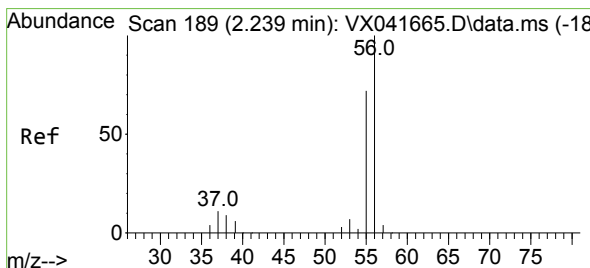
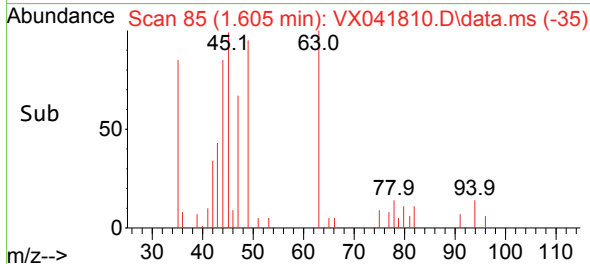
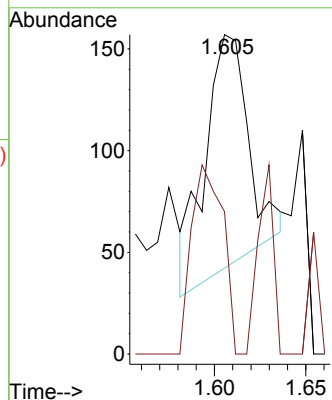
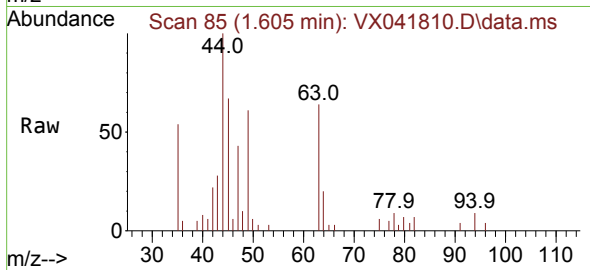




#5
Bromomethane
Concen: 0.206 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

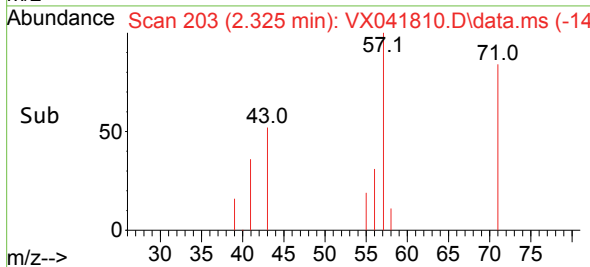
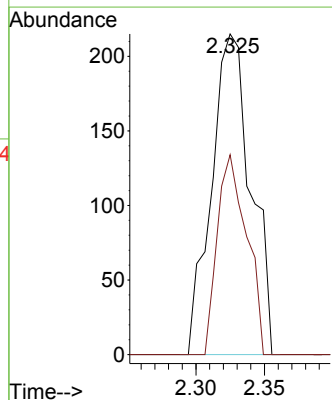
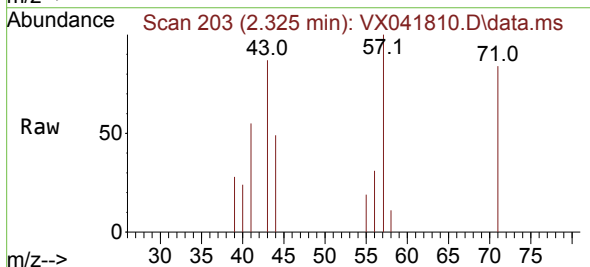
Instrument :
MSVOA_X
ClientSampleId :

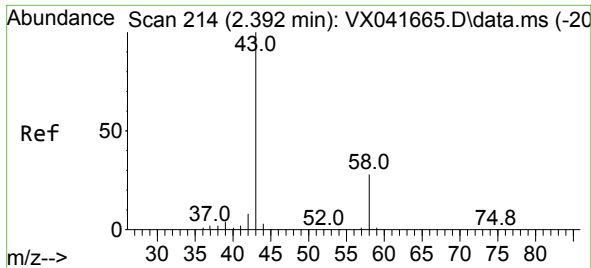
Tgt Ion: 94 Resp: 191
Ion Ratio Lower Upper
94 100
96 72.2 74.6 111.8#



#13
Acrolein
Concen: 1.583 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.086 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

Tgt Ion: 56 Resp: 431
Ion Ratio Lower Upper
56 100
55 46.4 57.1 85.7#

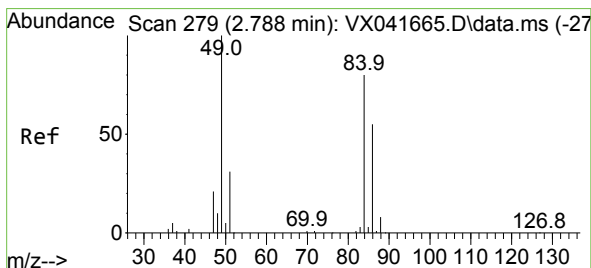
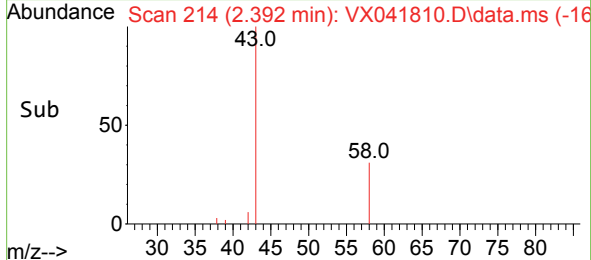
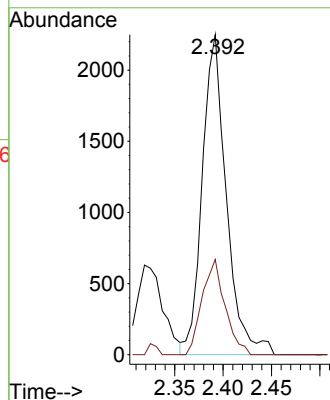
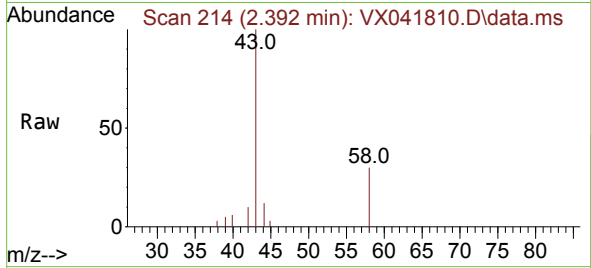




#16
Acetone
Concen: 2.682 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

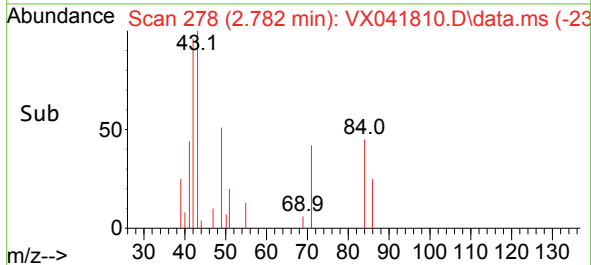
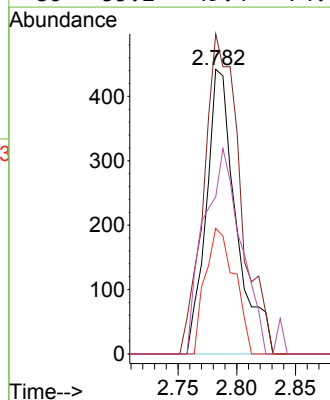
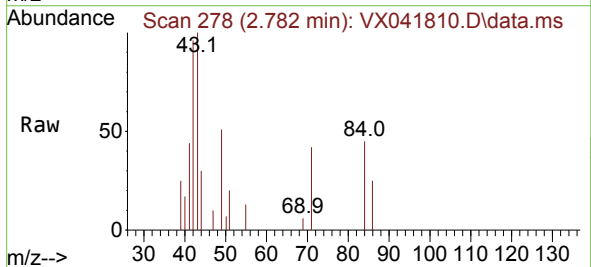
Instrument :
MSVOA_X
ClientSampleId :

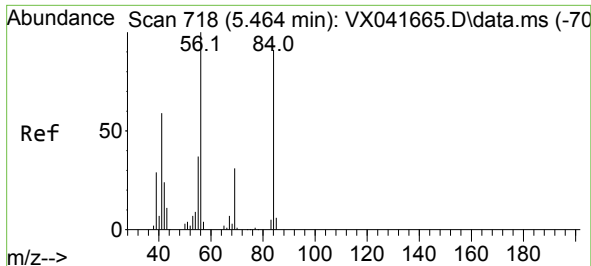
Tgt Ion: 43 Resp: 3898
Ion Ratio Lower Upper
43 100
58 29.7 21.9 32.9



#20
Methylene Chloride
Concen: 0.531 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

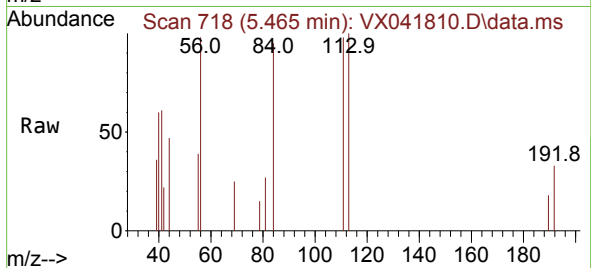
Tgt Ion: 84 Resp: 785
Ion Ratio Lower Upper
84 100
49 112.4 103.6 155.4
51 44.1 33.8 50.6
86 55.2 49.4 74.0



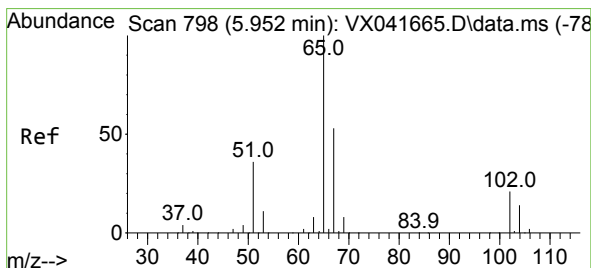
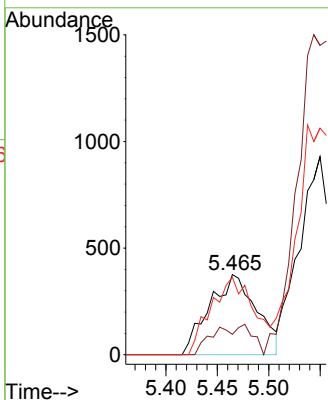
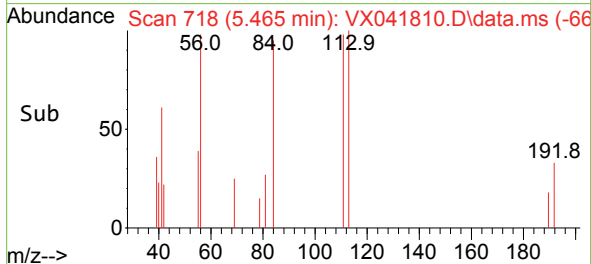


#31
Cyclohexane
Concen: 0.615 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

Instrument :
MSVOA_X
ClientSampleId :

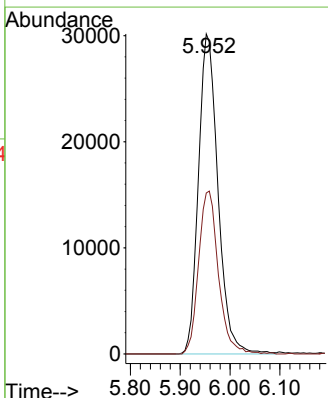
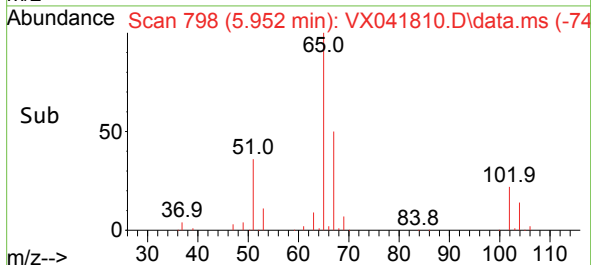
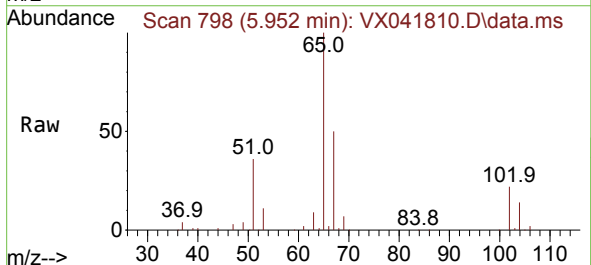


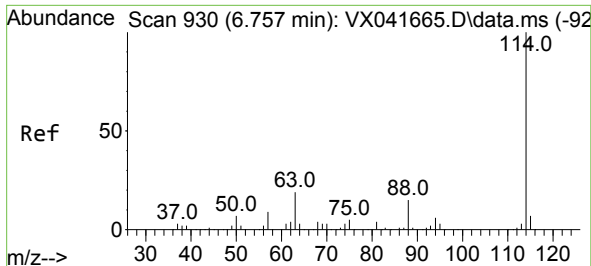
Tgt Ion: 56 Resp: 1200
Ion Ratio Lower Upper
56 100
69 25.3 23.4 35.2
84 96.5 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.654 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

Tgt Ion: 65 Resp: 82065
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

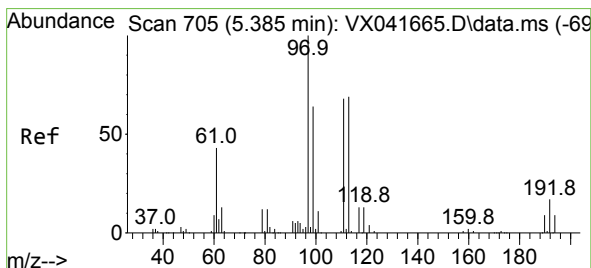
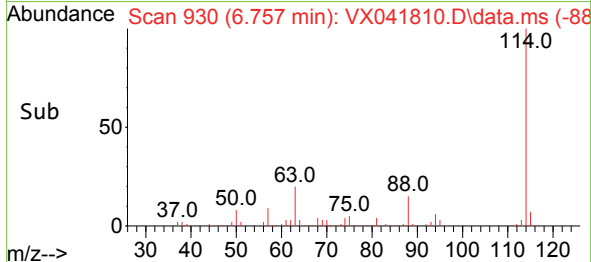
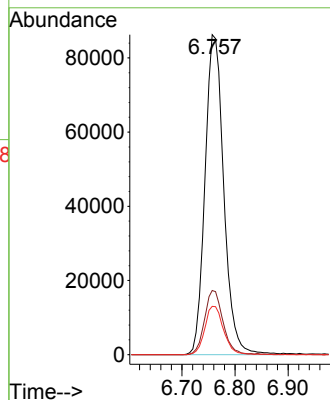
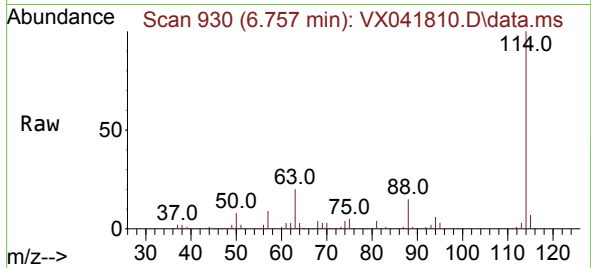




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

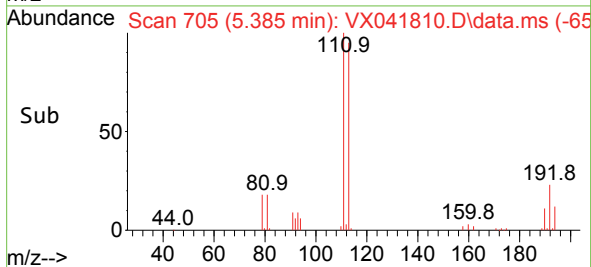
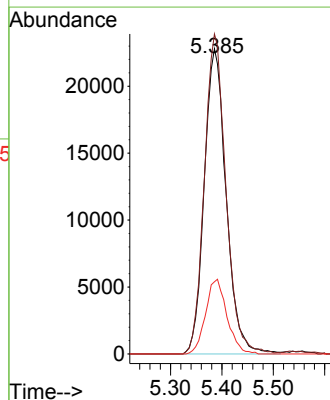
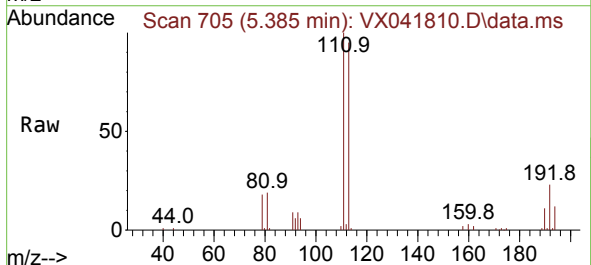
Instrument :
MSVOA_X
ClientSampleId :

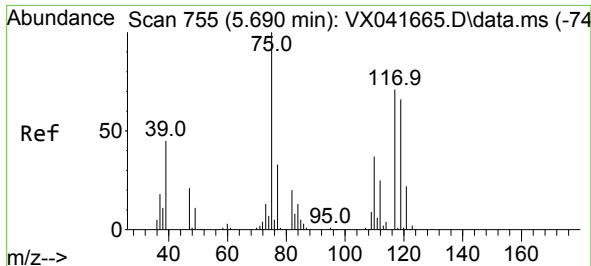
Tgt Ion:114 Resp: 212390
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.904 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

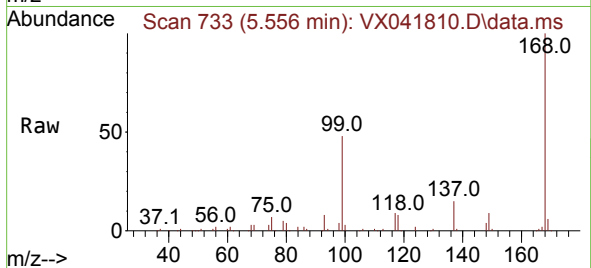
Tgt Ion:113 Resp: 67408
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 23.9 13.3 19.9#



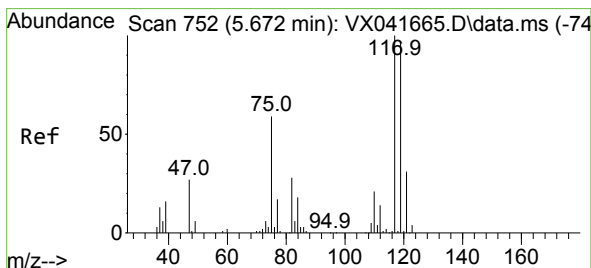
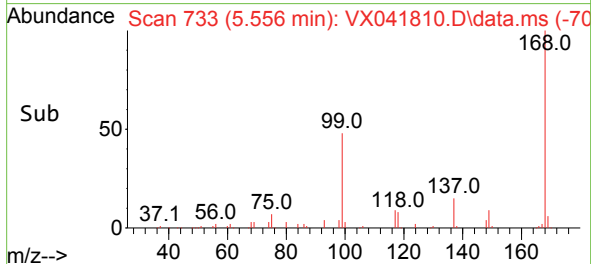
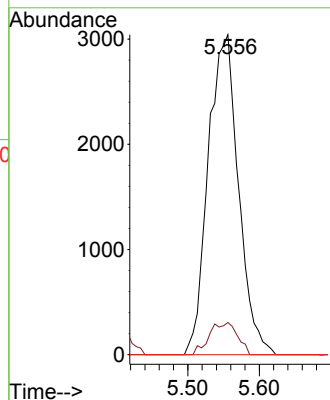


#36
1,1-Dichloropropene
Concen: 5.037 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

Instrument :
MSVOA_X
ClientSampleId :

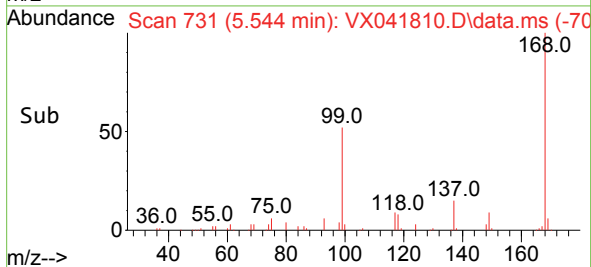
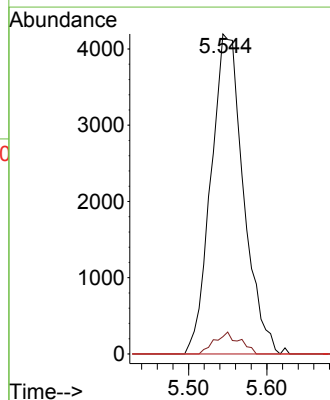
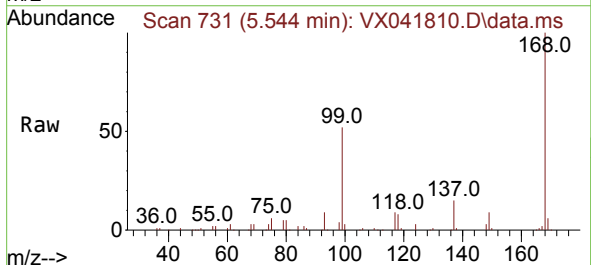


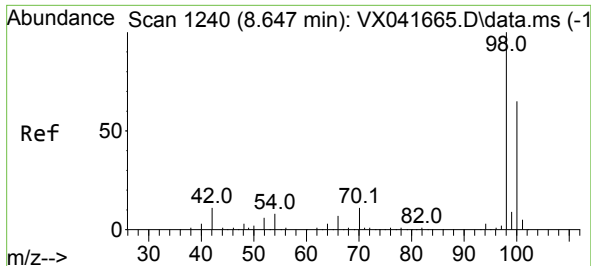
Tgt Ion: 75 Resp: 8957
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.982 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

Tgt Ion: 117 Resp: 12084
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

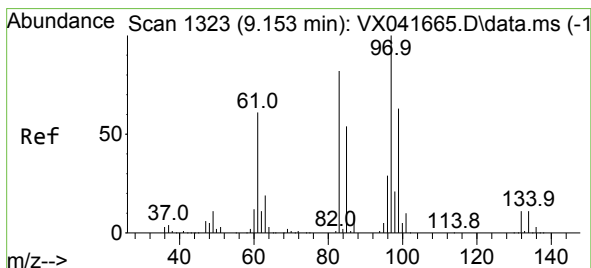
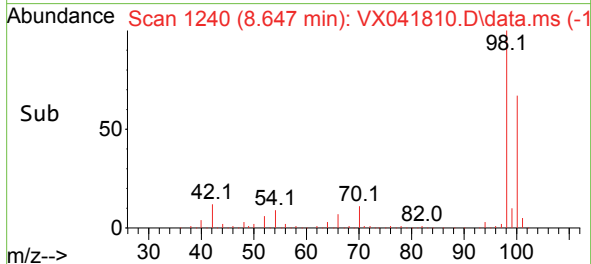
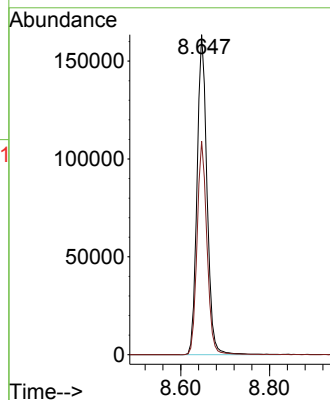
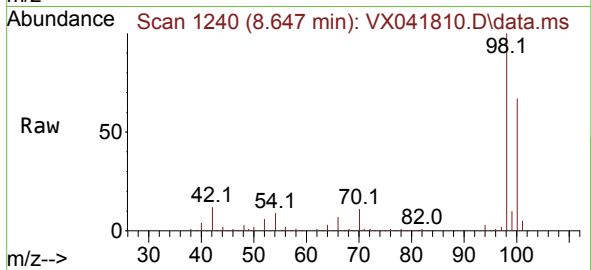




#50
Toluene-d8
Concen: 49.384 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

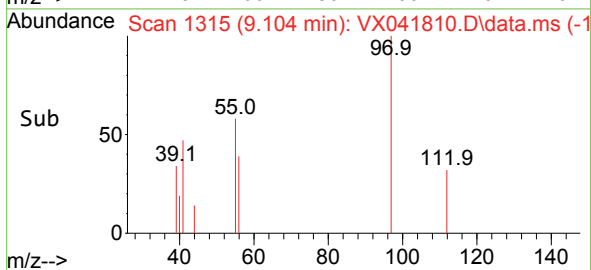
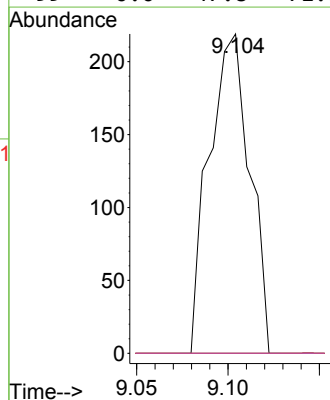
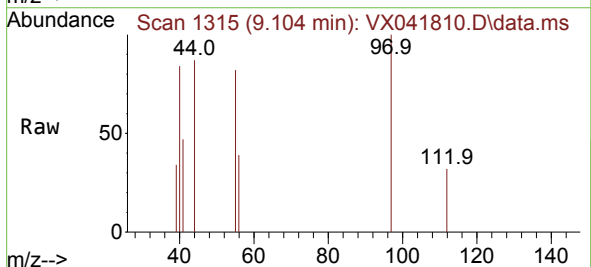
Instrument :
MSVOA_X
ClientSampleId :

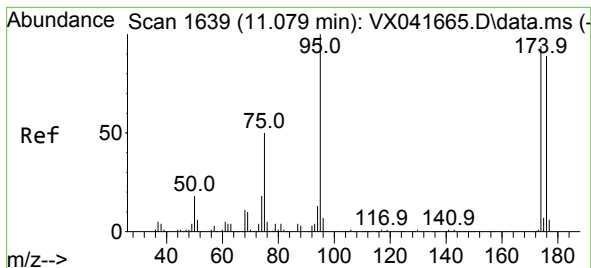
Tgt Ion: 98 Resp: 253389
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#55
1,1,2-Trichloroethane
Concen: 0.238 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

Tgt Ion: 97 Resp: 339
Ion Ratio Lower Upper
97 100
83 0.0 65.8 98.8#
85 0.0 41.6 62.4#
99 0.0 47.8 71.8#

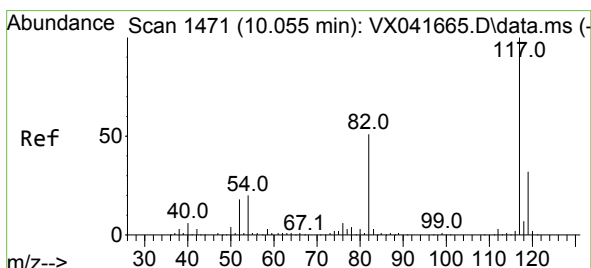
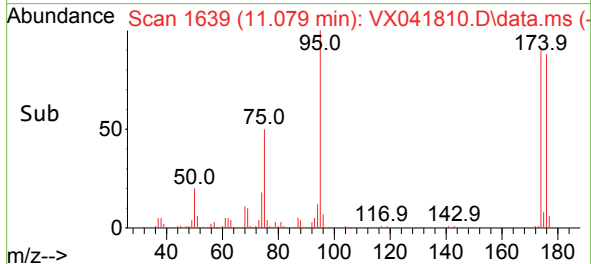
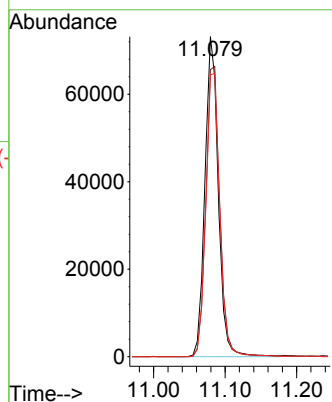
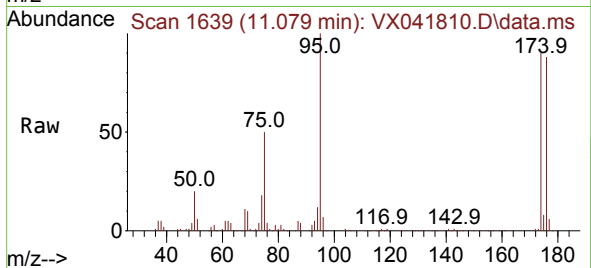




#62
4-Bromofluorobenzene
Concen: 50.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

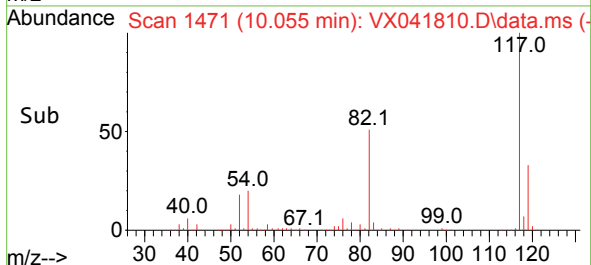
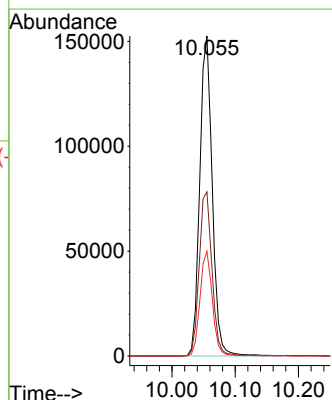
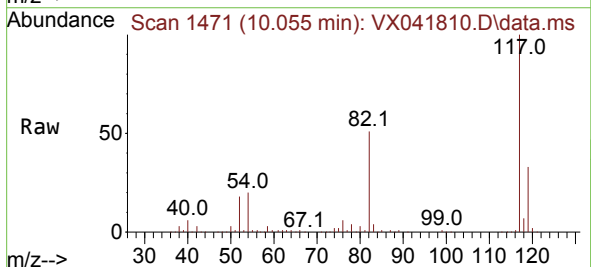
Instrument :
MSVOA_X
ClientSampleId :

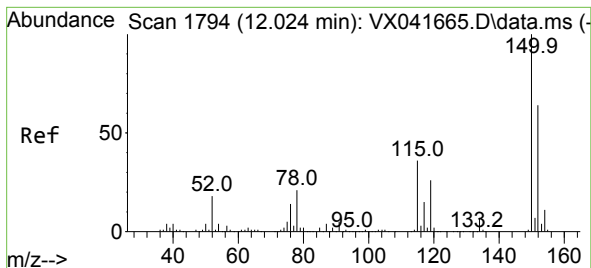
Tgt Ion: 95 Resp: 95000
Ion Ratio Lower Upper
95 100
174 94.9 0.0 135.6
176 92.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

Tgt Ion: 117 Resp: 210077
Ion Ratio Lower Upper
117 100
82 51.3 46.2 69.4
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041810.D

Acq: 10 Jun 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

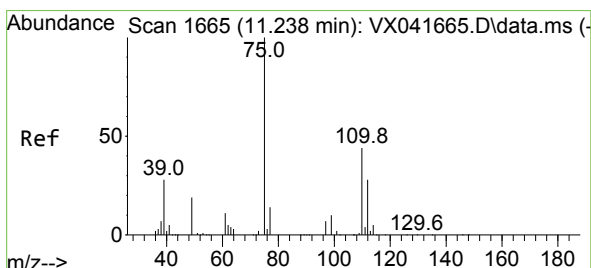
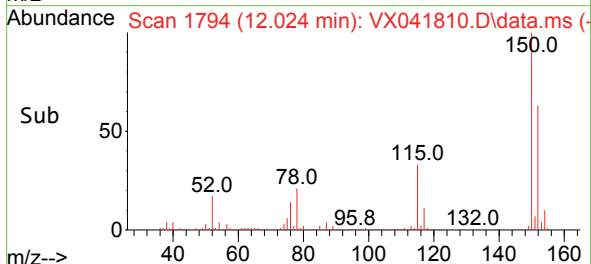
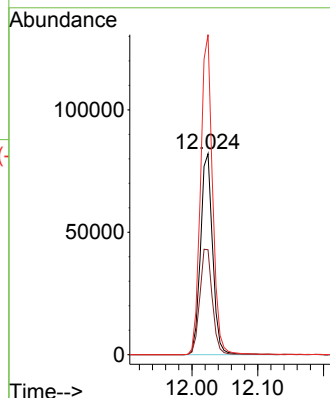
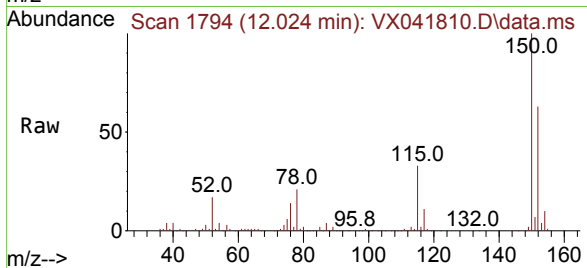
Tgt Ion:152 Resp: 104738

Ion Ratio Lower Upper

152 100

115 54.8 43.3 129.9

150 158.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.989 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041810.D

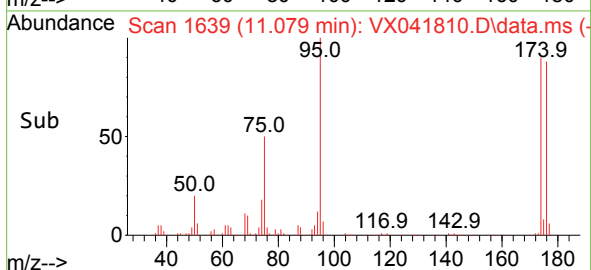
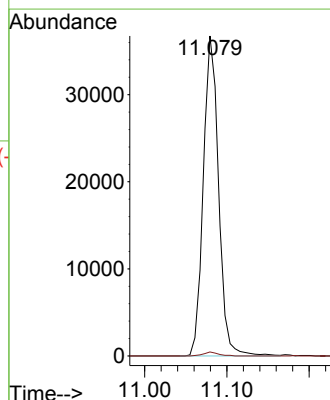
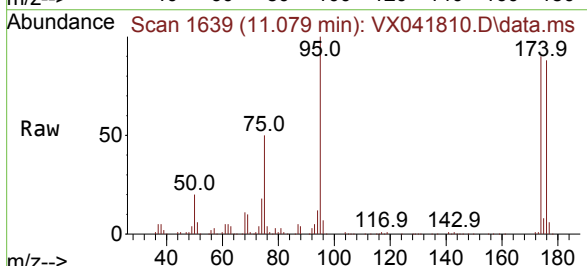
Acq: 10 Jun 2024 15:08

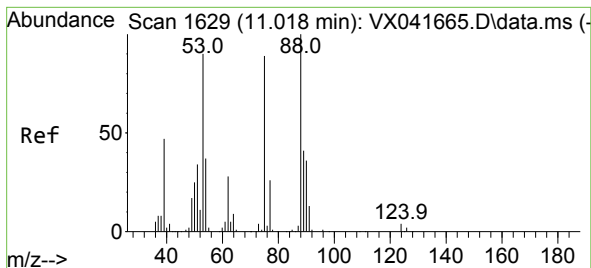
Tgt Ion: 75 Resp: 47494

Ion Ratio Lower Upper

75 100

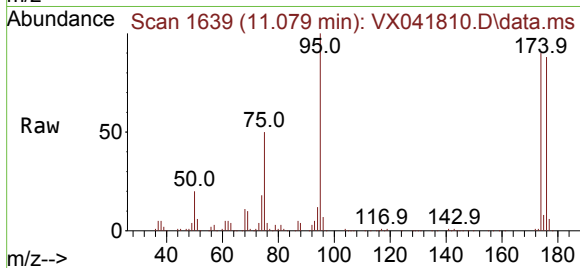
77 1.2 19.1 57.5#



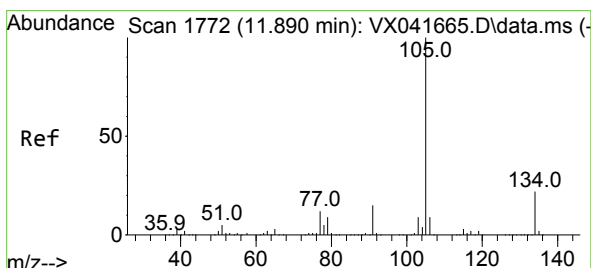
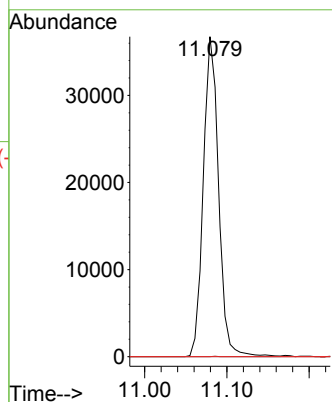
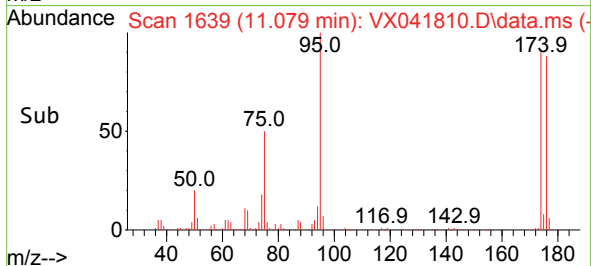


#81
trans-1,4-Dichloro-2-butene
Concen: 70.833 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

Instrument :
MSVOA_X
ClientSampleId :

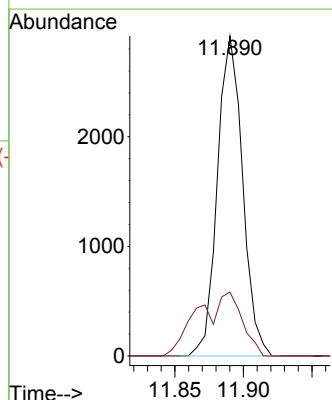
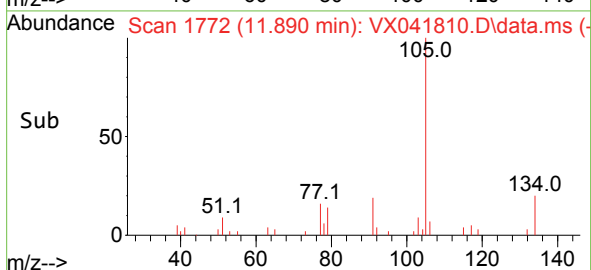
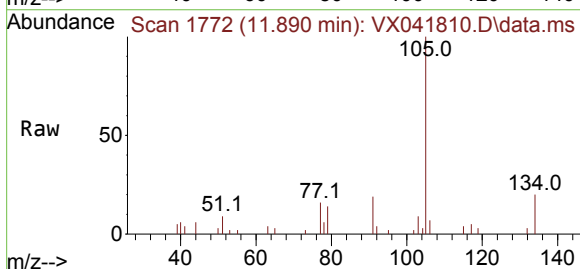


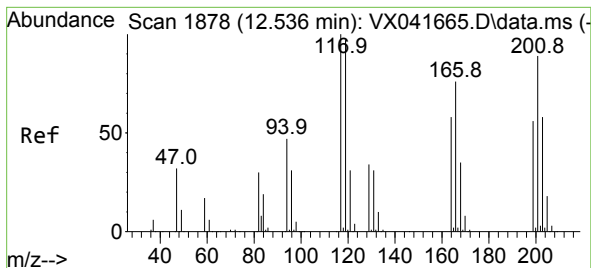
Tgt Ion: 75 Resp: 47494
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#85
sec-Butylbenzene
Concen: 0.556 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX041810.D
Acq: 10 Jun 2024 15:08

Tgt Ion: 105 Resp: 3726
Ion Ratio Lower Upper
105 100
134 35.3 9.8 29.4#





#90

Hexachloroethane

Concen: 1.679 ug/l

RT: 12.646 min Scan# 1896

Delta R.T. 0.110 min

Lab File: VX041810.D

Acq: 10 Jun 2024 15:08

Instrument :

MSVOA_X

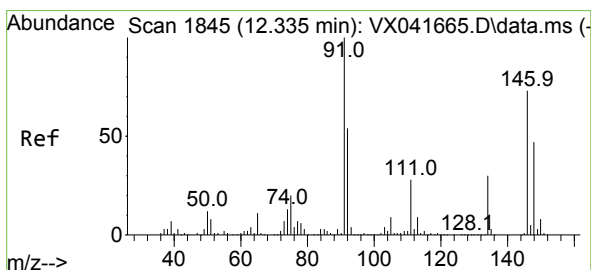
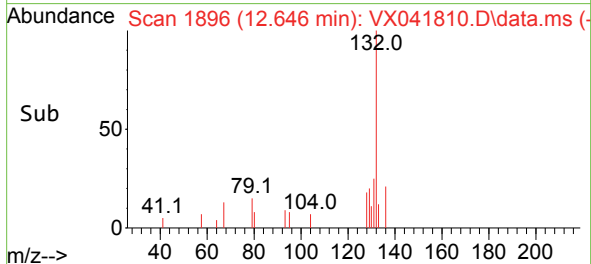
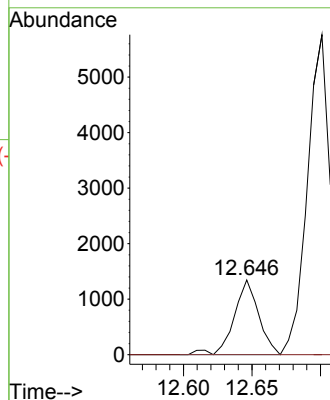
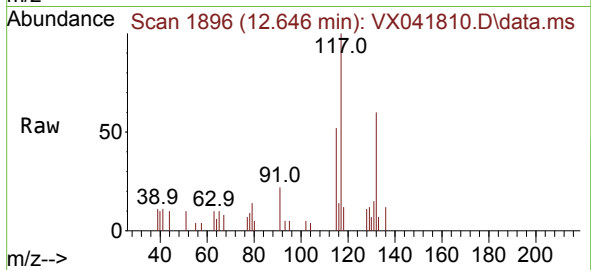
ClientSampleId :

Tgt Ion:117 Resp: 1678

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#91

1,2-Dichlorobenzene

Concen: 0.409 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041810.D

Acq: 10 Jun 2024 15:08

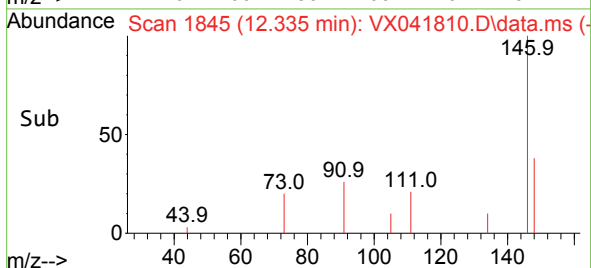
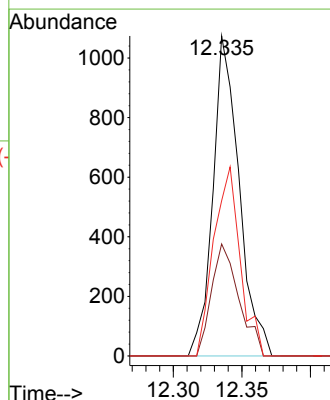
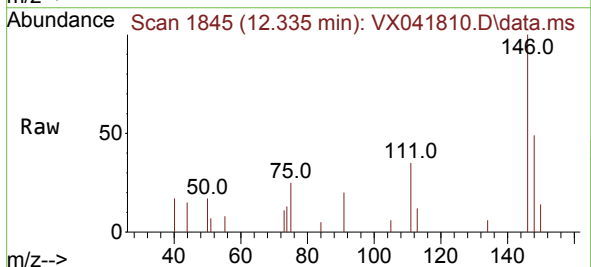
Tgt Ion:146 Resp: 1427

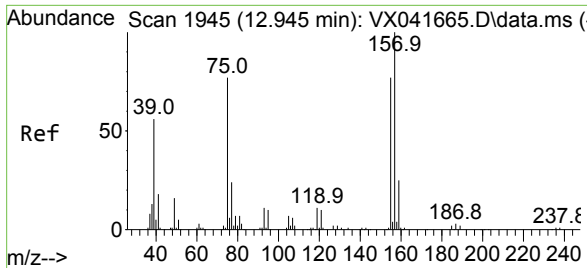
Ion Ratio Lower Upper

146 100

111 36.7 22.4 67.0

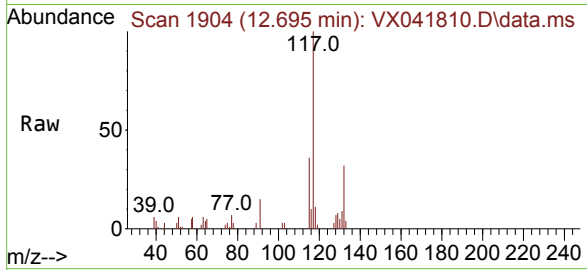
148 59.8 31.6 95.0





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.223 ug/l
 RT: 12.695 min Scan# 1904
 Delta R.T. -0.250 min
 Lab File: VX041810.D
 Acq: 10 Jun 2024 15:08

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75	Resp:	104
Ion	Ratio	Lower Upper
75	100	
155	0.0	36.1 108.5#
157	0.0	44.9 134.7#

