

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041824\
 Data File : VX041154.D
 Acq On : 18 Apr 2024 11:14
 Operator : JC/MD
 Sample : VX0418WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 19 03:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	213335	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	315092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	289343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140930	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	109172	47.399	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.800%
35) Dibromofluoromethane	5.379	113	97132	46.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.300%
50) Toluene-d8	8.647	98	360405	48.883	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.760%
62) 4-Bromofluorobenzene	11.079	95	127048	45.394	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.780%

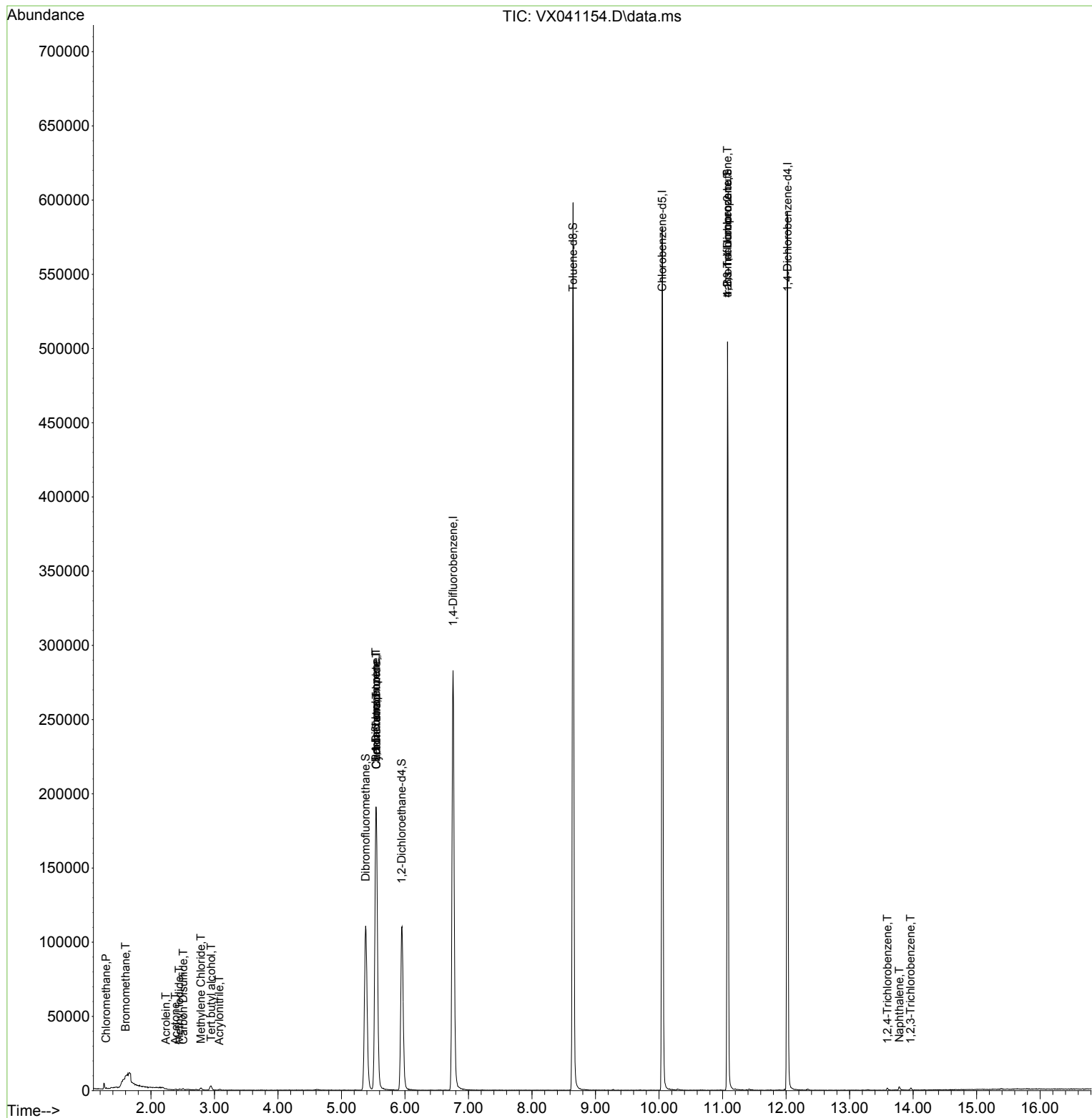
Target Compounds						Qvalue
3) Chloromethane	1.294	50	388	0.206	ug/l	# 86
5) Bromomethane	1.599	94	610	0.451	ug/l	# 53
10) Methyl Iodide	2.447	142	763	0.369	ug/l	# 78
11) Tert butyl alcohol	2.947	59	1917	4.254	ug/l	# 78
13) Acrolein	2.233	56	208	0.367	ug/l	# 70
15) Acrylonitrile	3.075	53	227	0.203	ug/l	# 92
16) Acetone	2.386	43	413	0.427	ug/l	# 84
17) Carbon Disulfide	2.508	76	954	0.223	ug/l	# 82
20) Methylene Chloride	2.788	84	691	0.335	ug/l	# 87
31) Cyclohexane	5.550	56	3238	1.135	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	12806	4.806	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	18013	5.830	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	60800	26.474	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	60800	67.509	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.597	180	705	0.205	ug/l	# 84
95) Naphthalene	13.786	128	2846	0.307	ug/l	# 94
96) 1,2,3-Trichlorobenzene	13.963	180	711	0.209	ug/l	# 83

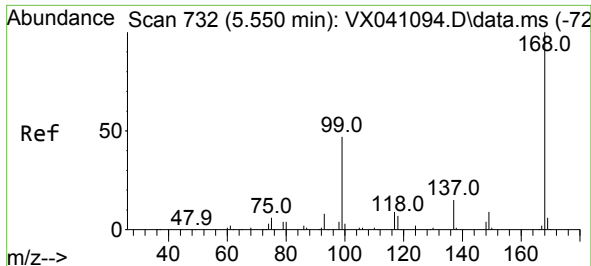
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041824\
Data File : VX041154.D
Acq On : 18 Apr 2024 11:14
Operator : JC/MD
Sample : VX0418WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 19 03:28:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration

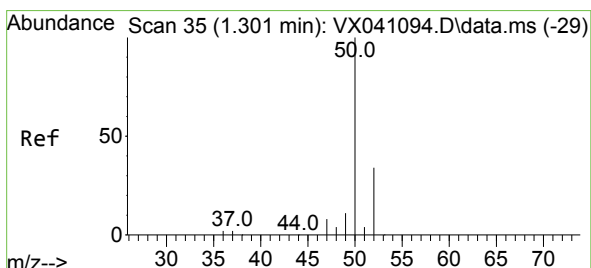
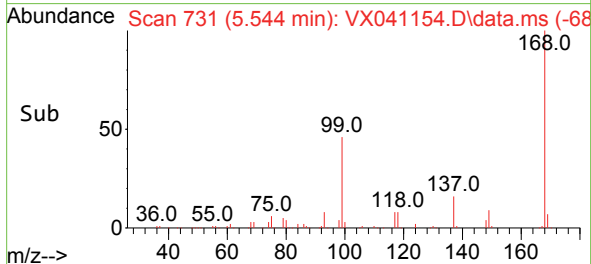
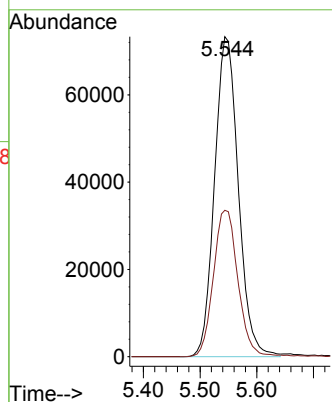
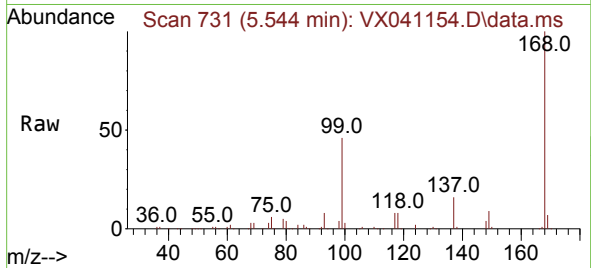




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

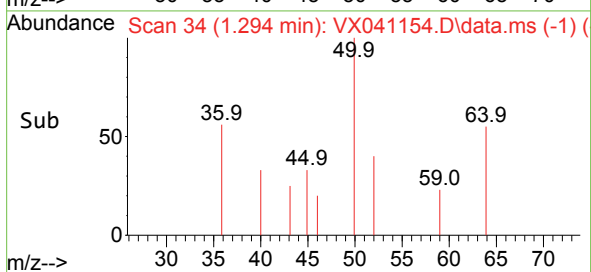
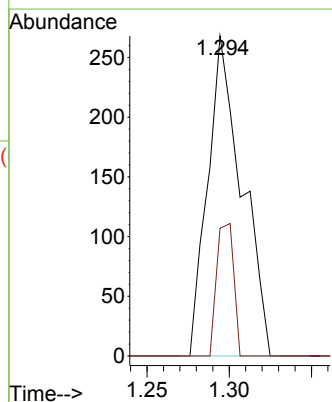
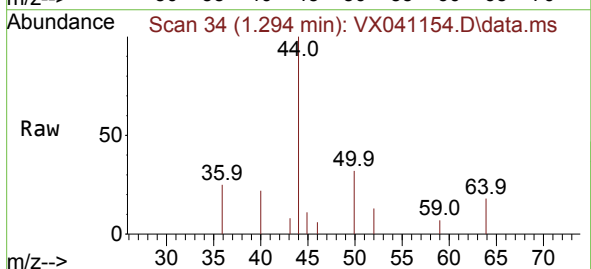
Instrument :
MSVOA_X
ClientSampleId :

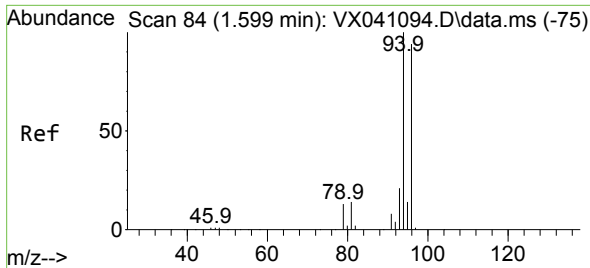
Tgt Ion:168 Resp: 213335
Ion Ratio Lower Upper
168 100
99 45.7 56.6 85.0#



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

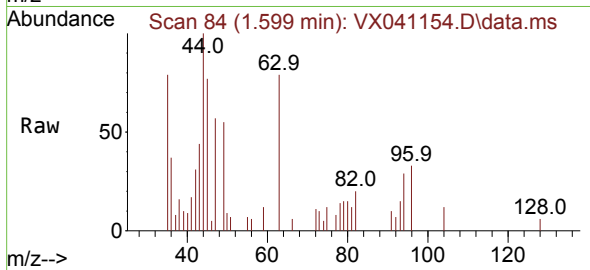
Tgt Ion: 50 Resp: 388
Ion Ratio Lower Upper
50 100
52 39.9 25.5 38.3#



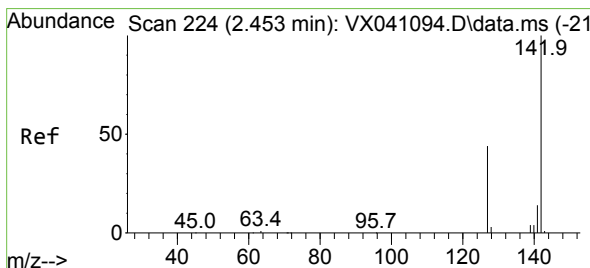
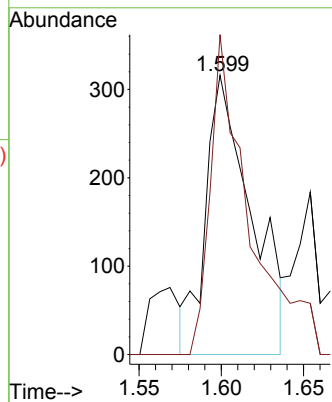
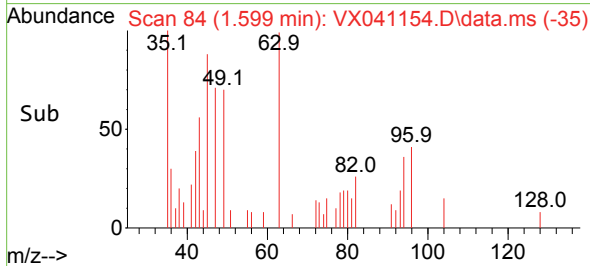


#5
Bromomethane
Concen: 0.451 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

Instrument :
MSVOA_X
ClientSampleId :

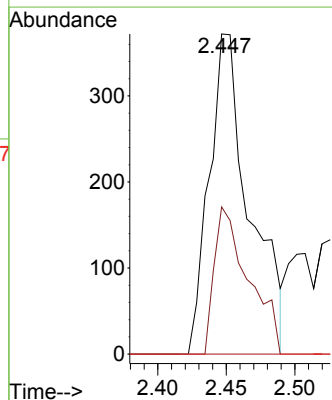
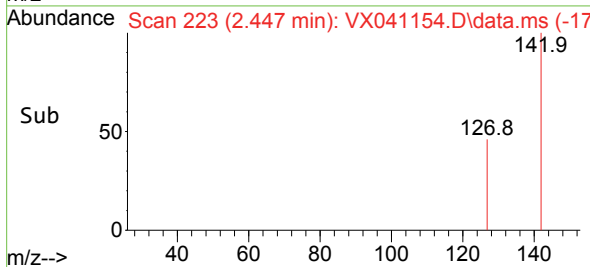
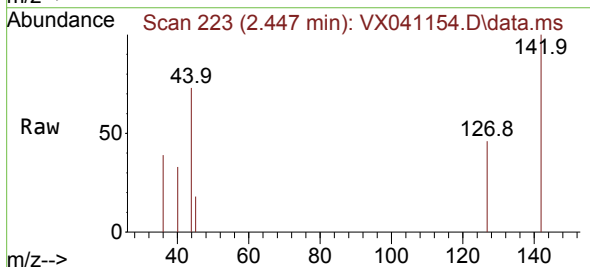


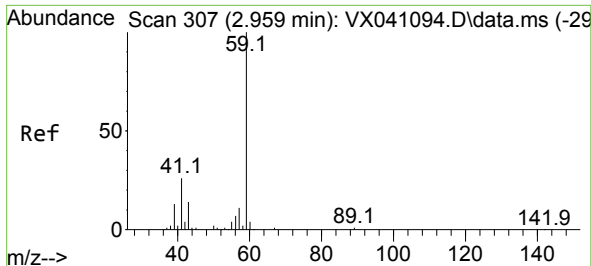
Tgt Ion: 94 Resp: 610
Ion Ratio Lower Upper
94 100
96 138.2 74.6 111.8#



#10
Methyl Iodide
Concen: 0.369 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

Tgt Ion:142 Resp: 763
Ion Ratio Lower Upper
142 100
127 39.1 41.6 62.4#
141 0.0 11.6 17.4#

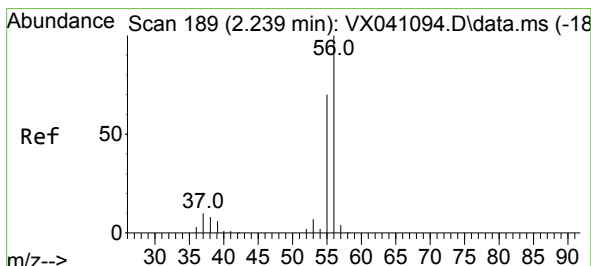
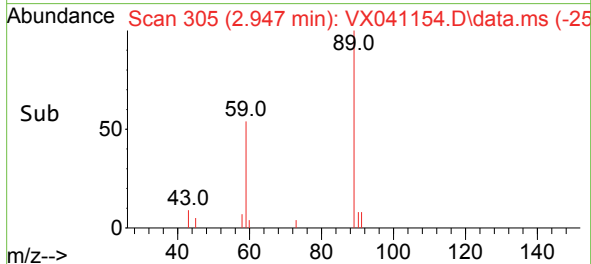
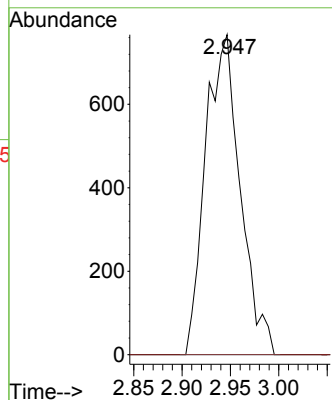
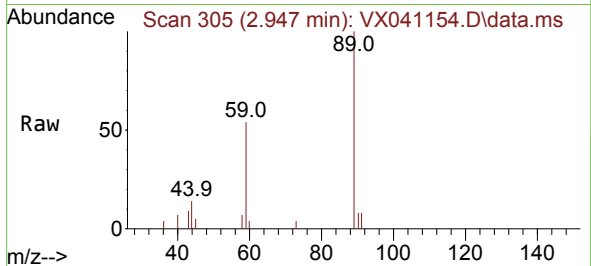




#11
Tert butyl alcohol
Concen: 4.254 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

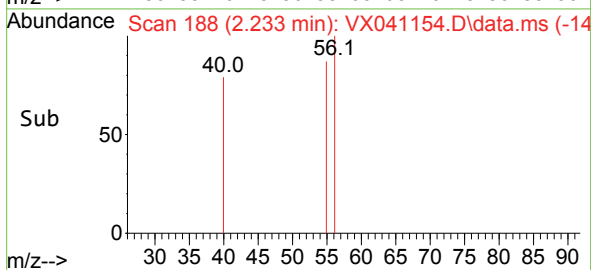
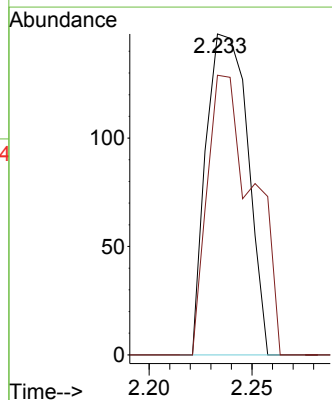
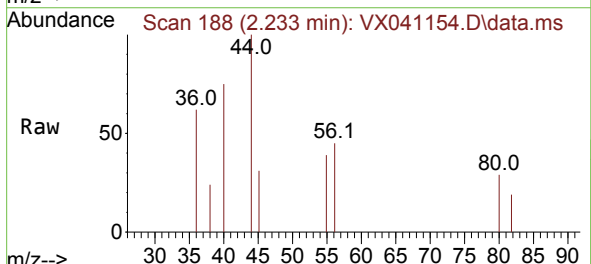
Instrument :
MSVOA_X
ClientSampleId :

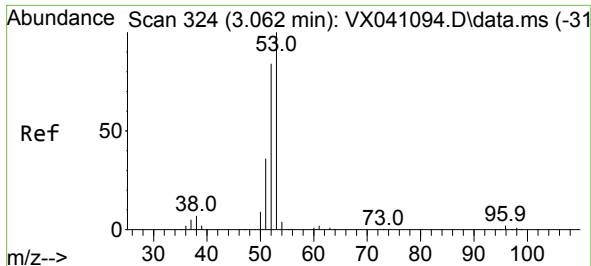
Tgt Ion: 59 Resp: 1917
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.367 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

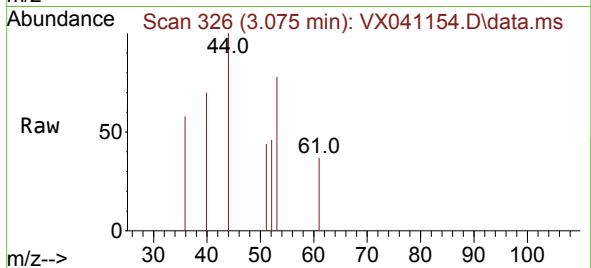
Tgt Ion: 56 Resp: 208
Ion Ratio Lower Upper
56 100
55 96.2 57.1 85.7#



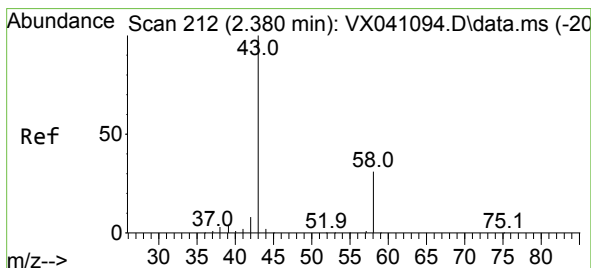
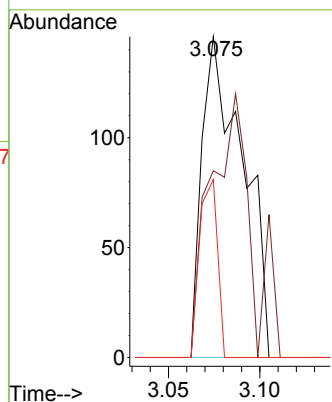


#15
Acrylonitrile
Concen: 0.203 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

Instrument :
MSVOA_X
ClientSampleId :

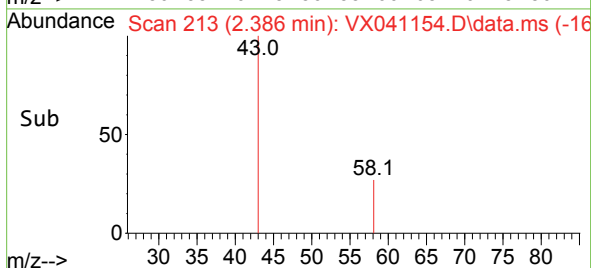
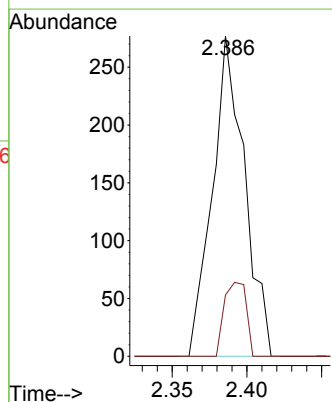
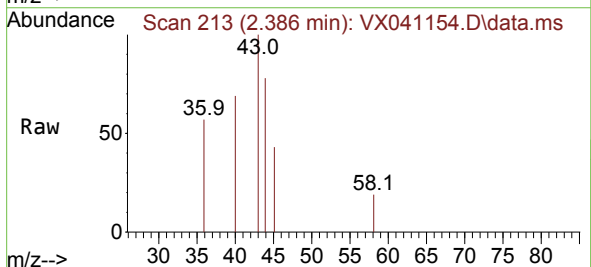


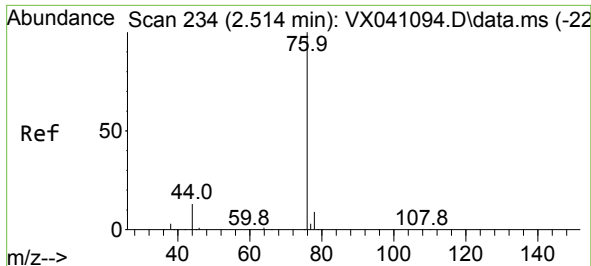
Tgt Ion: 53 Resp: 227
Ion Ratio Lower Upper
53 100
52 81.5 66.0 99.0
51 24.2 29.8 44.6#



#16
Acetone
Concen: 0.427 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
58 19.1 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.223 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

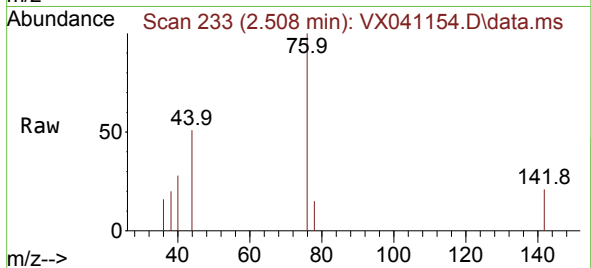
Lab File: VX041154.D

Acq: 18 Apr 2024 11:14

Instrument :

MSVOA_X

ClientSampleId :

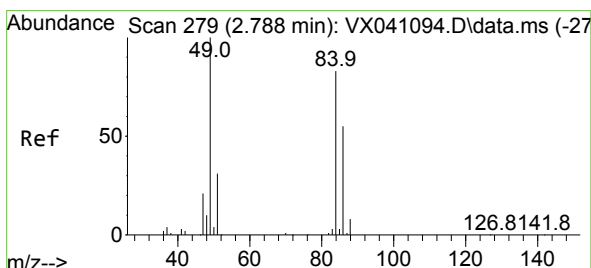
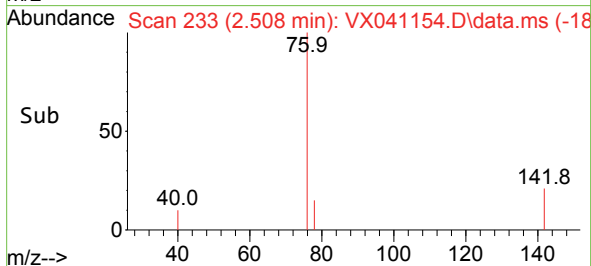
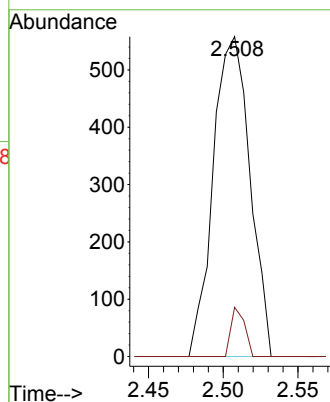


Tgt Ion: 76 Resp: 954

Ion Ratio Lower Upper

76 100

78 15.4 7.0 10.6#



#20

Methylene Chloride

Concen: 0.335 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX041154.D

Acq: 18 Apr 2024 11:14

Tgt Ion: 84 Resp: 691

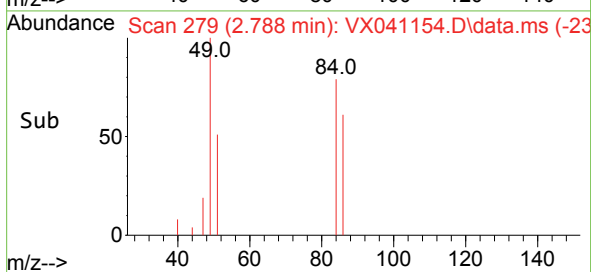
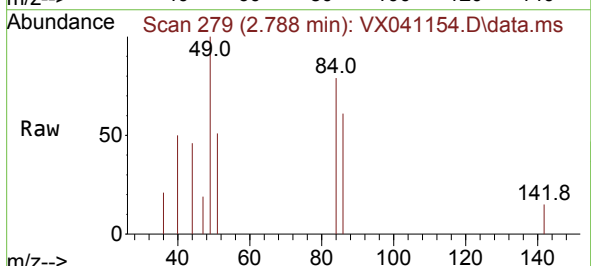
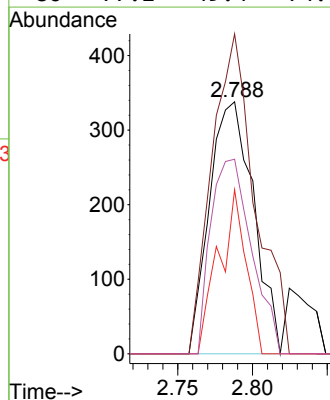
Ion Ratio Lower Upper

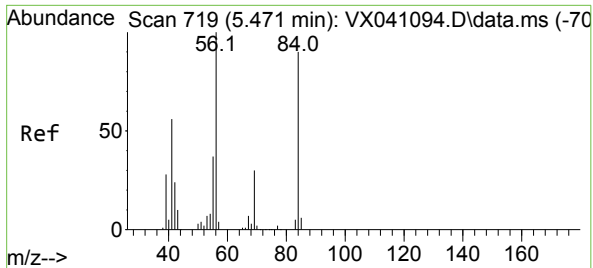
84 100

49 126.9 103.6 155.4

51 65.1 33.8 50.6#

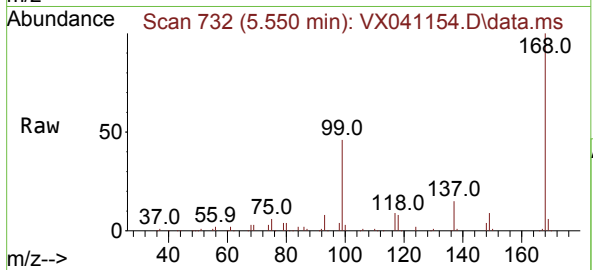
86 77.2 49.4 74.0#



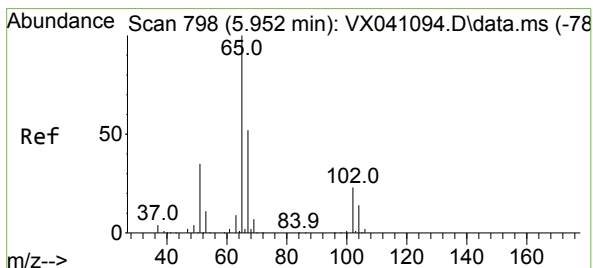
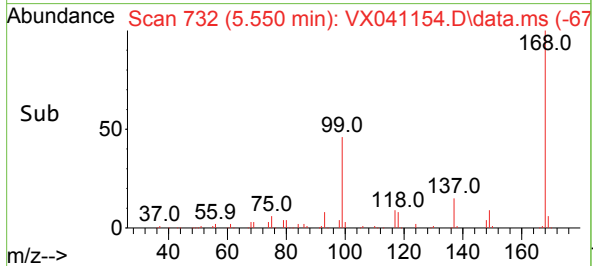
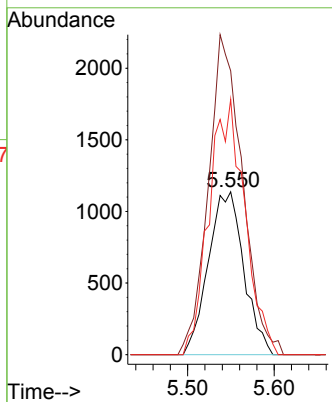


#31
Cyclohexane
Concen: 1.135 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

Instrument :
MSVOA_X
ClientSampleId :

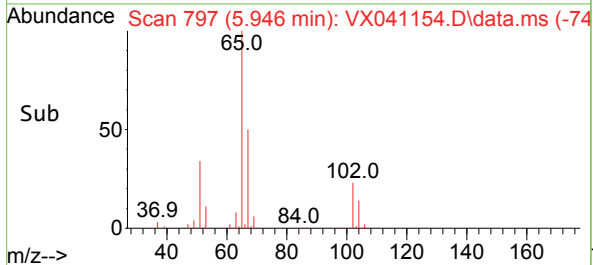
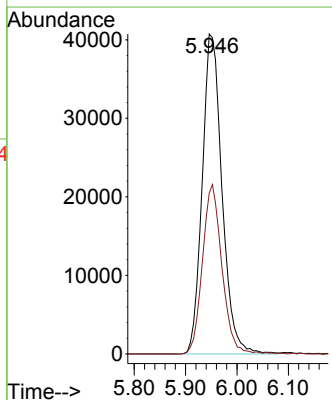
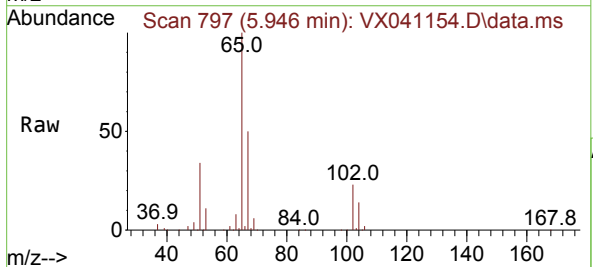


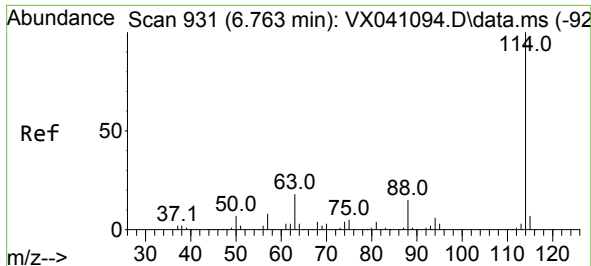
Tgt Ion: 56 Resp: 3238
Ion Ratio Lower Upper
56 100
69 174.3 23.4 35.2#
84 156.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.399 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

Tgt Ion: 65 Resp: 109172
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

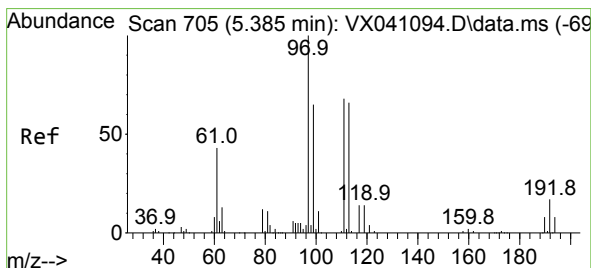
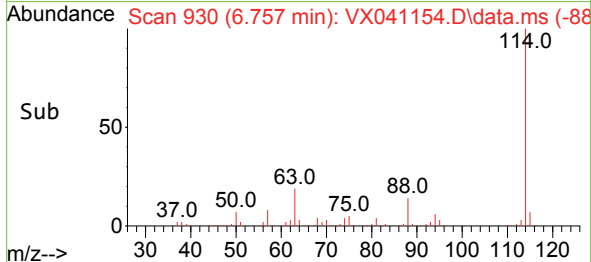
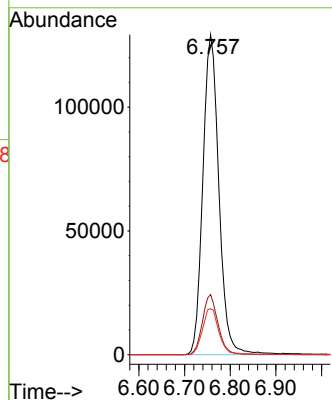
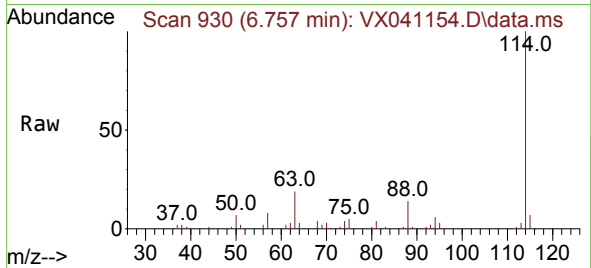




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

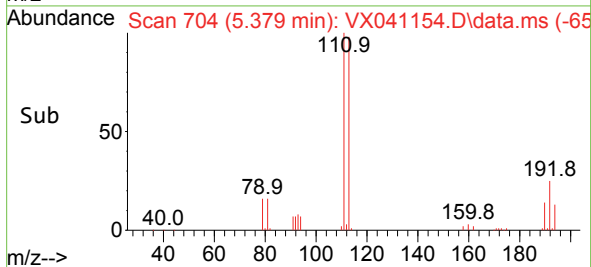
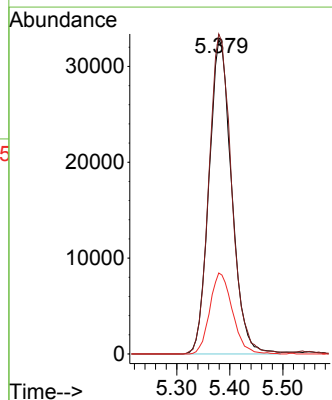
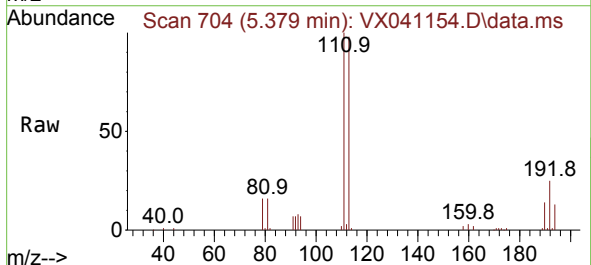
Instrument :
MSVOA_X
ClientSampleId :

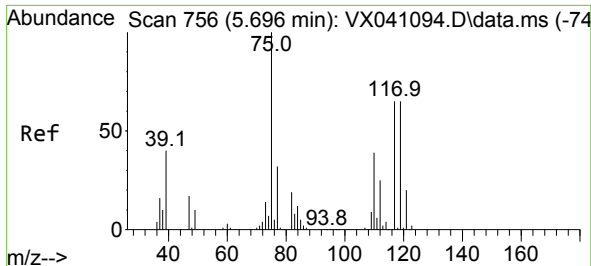
Tgt Ion:114 Resp: 315092
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 14.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.146 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

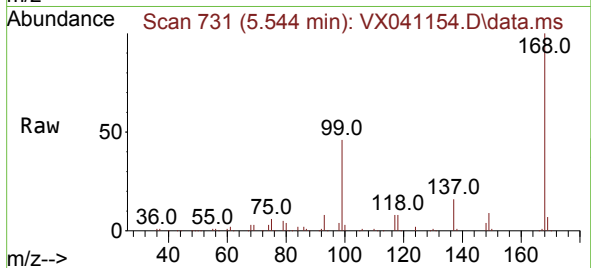
Tgt Ion:113 Resp: 97132
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 25.7 13.3 19.9#



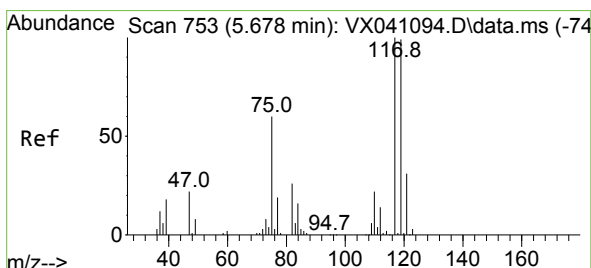
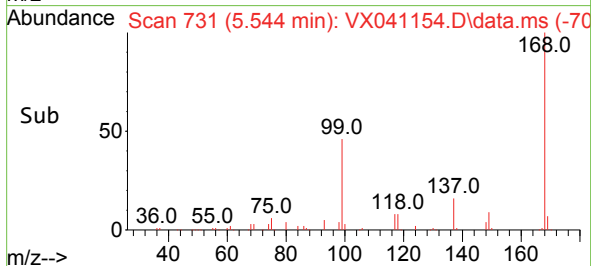
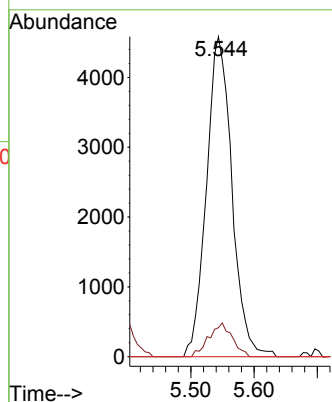


#36
1,1-Dichloropropene
Concen: 4.806 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.153 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

Instrument :
MSVOA_X
ClientSampleId :

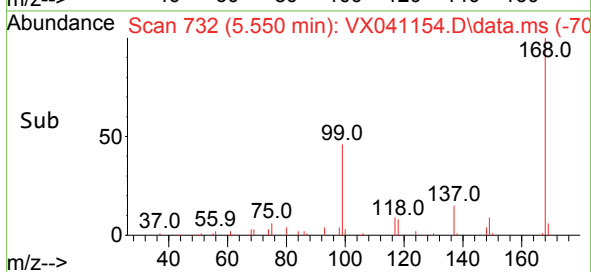
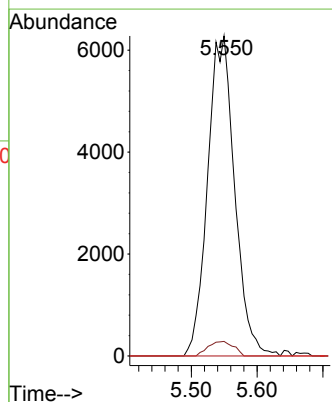
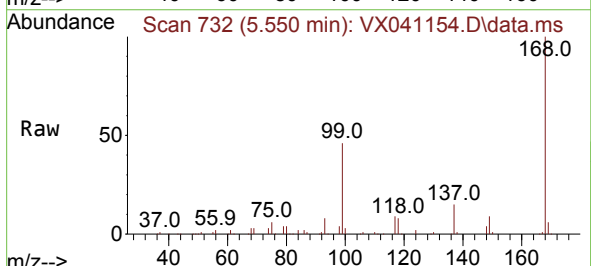


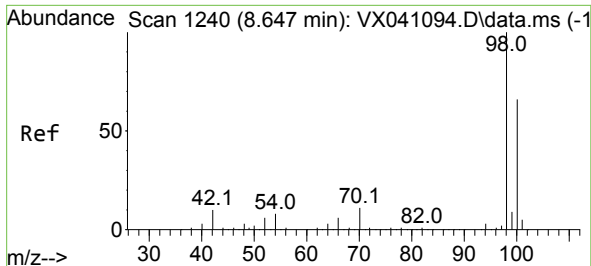
Tgt Ion: 75 Resp: 12806
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.830 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

Tgt Ion: 117 Resp: 18013
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#

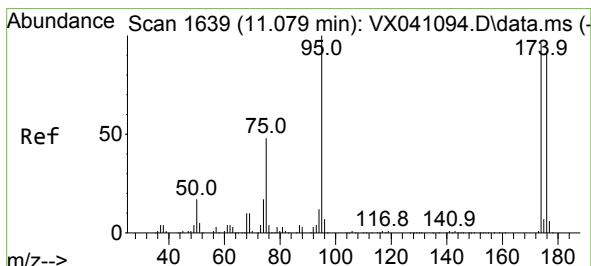
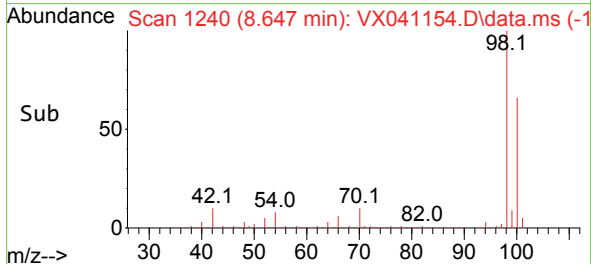
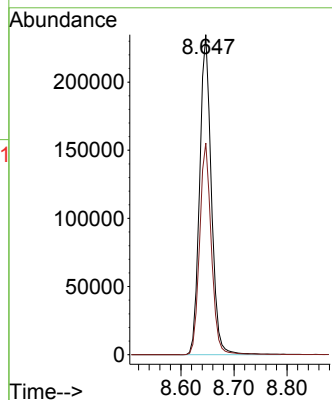
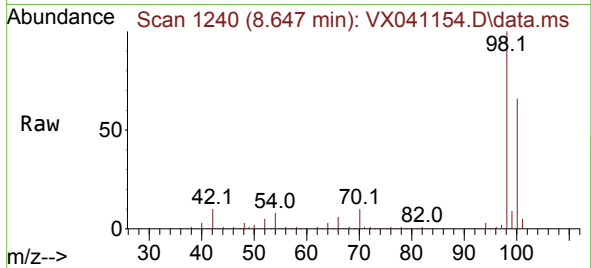




#50
Toluene-d8
Concen: 48.883 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

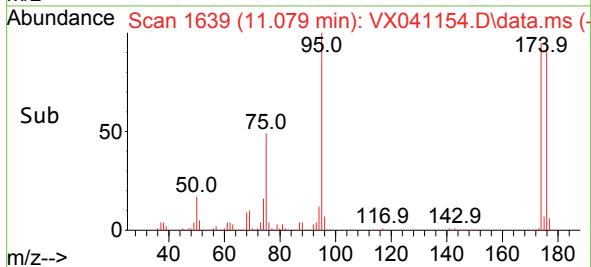
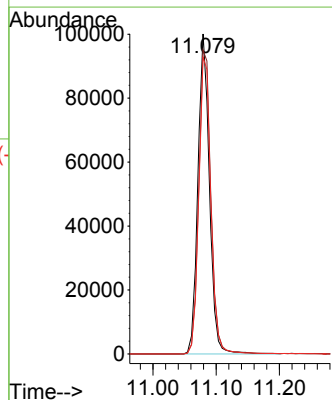
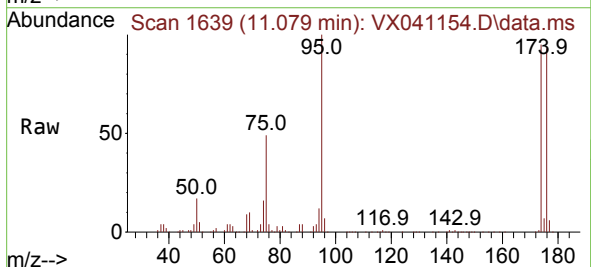
Instrument :
MSVOA_X
ClientSampleId :

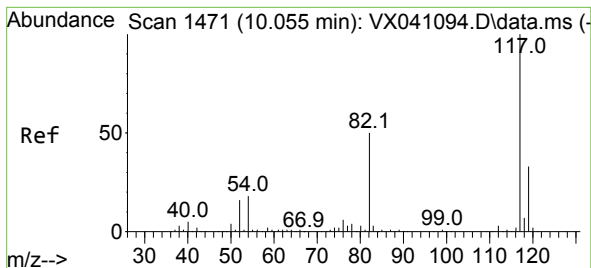
Tgt Ion: 98 Resp: 360405
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041154.D
Acq: 18 Apr 2024 11:14

Tgt Ion: 95 Resp: 127048
Ion Ratio Lower Upper
95 100
174 100.1 0.0 135.6
176 96.9 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: VX041154.D

Acq: 18 Apr 2024 11:14

Instrument :

MSVOA_X

ClientSampleId :

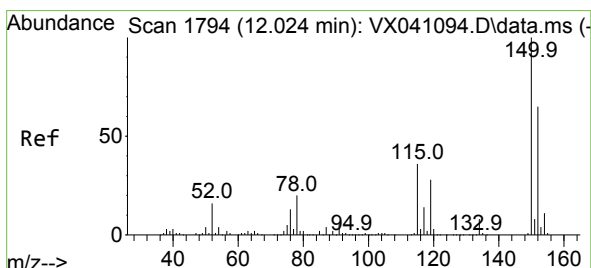
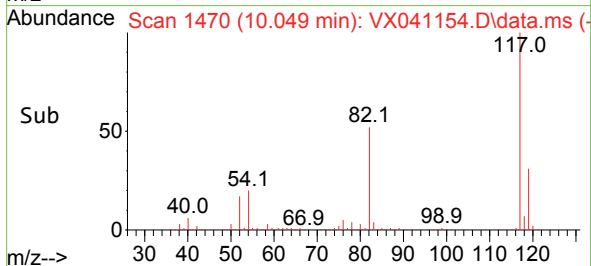
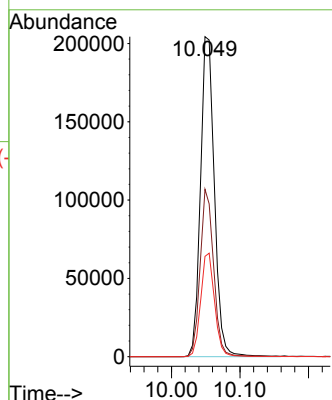
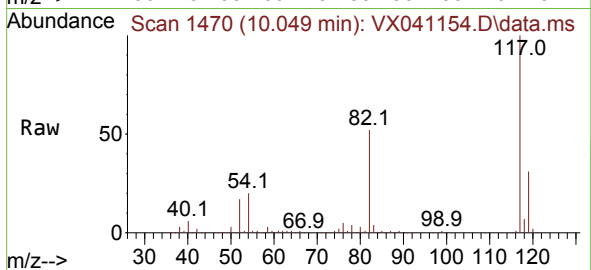
Tgt Ion:117 Resp: 289343

Ion Ratio Lower Upper

117 100

82 52.3 46.2 69.4

119 31.4 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: VX041154.D

Acq: 18 Apr 2024 11:14

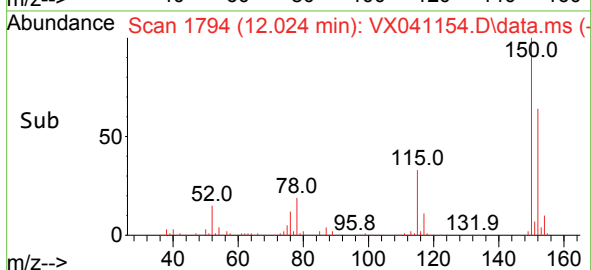
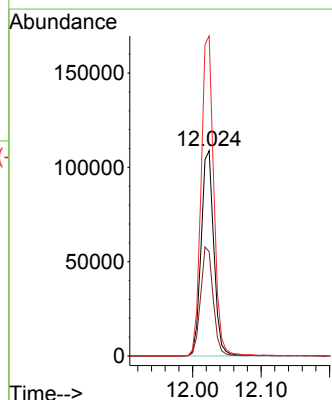
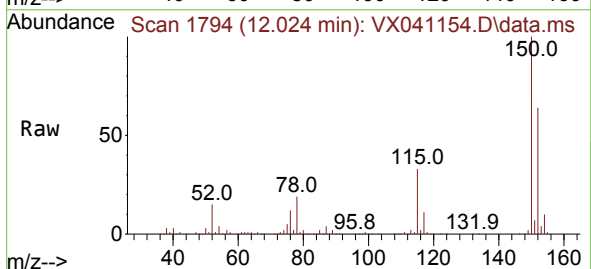
Tgt Ion:152 Resp: 140930

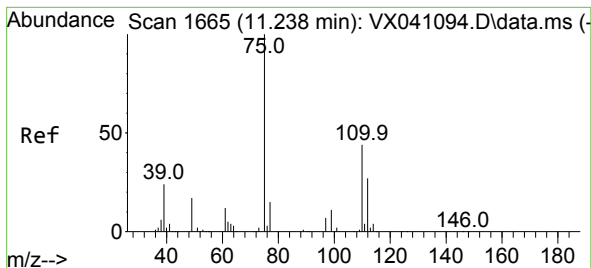
Ion Ratio Lower Upper

152 100

115 52.8 43.3 129.9

150 156.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.474 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041154.D

Acq: 18 Apr 2024 11:14

Instrument :

MSVOA_X

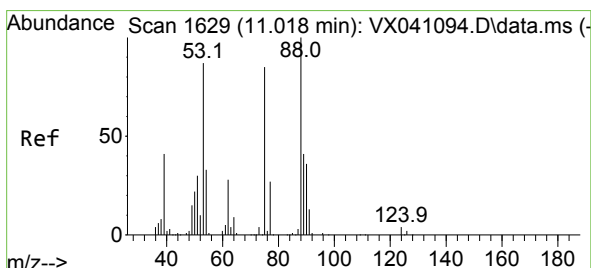
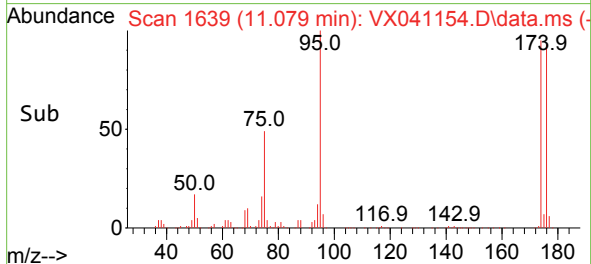
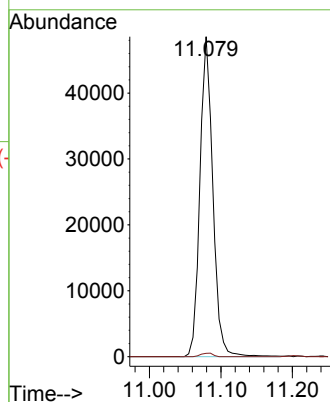
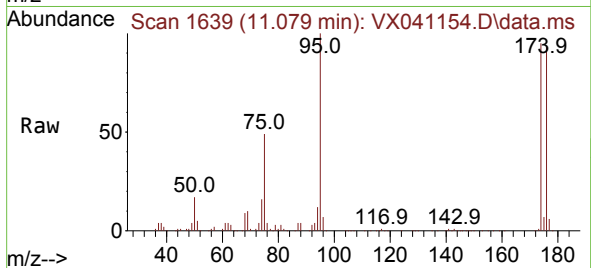
ClientSampleId :

Tgt Ion: 75 Resp: 60800

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.509 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041154.D

Acq: 18 Apr 2024 11:14

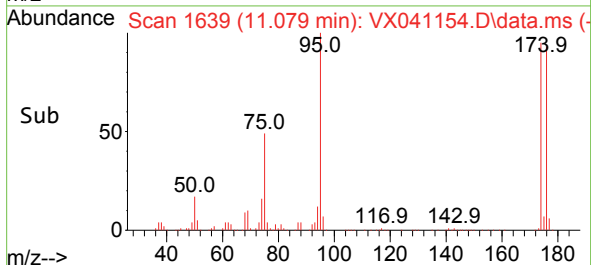
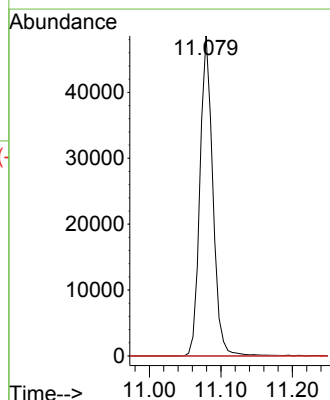
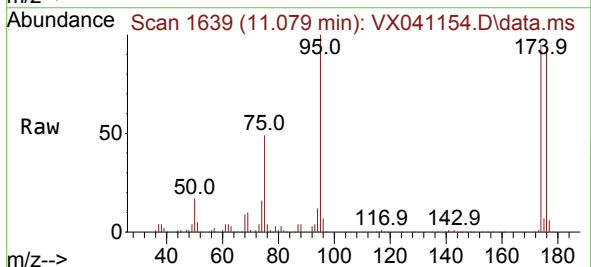
Tgt Ion: 75 Resp: 60800

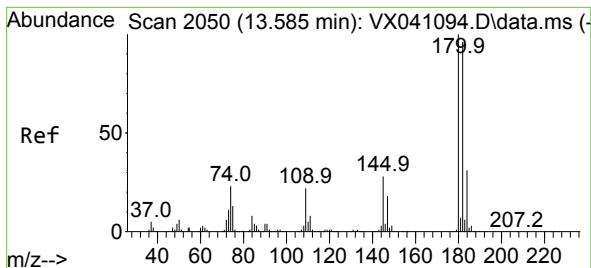
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.205 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX041154.D

Acq: 18 Apr 2024 11:14

Instrument :

MSVOA_X

ClientSampleId :

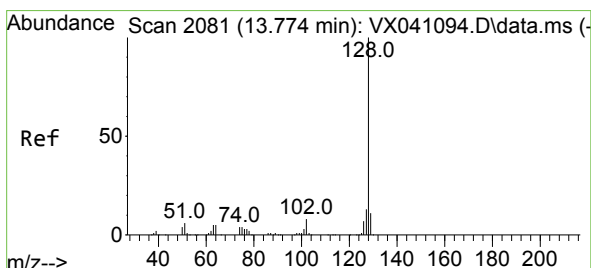
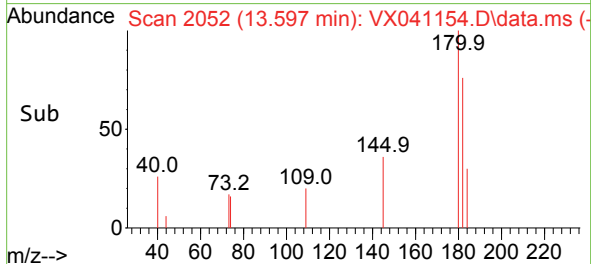
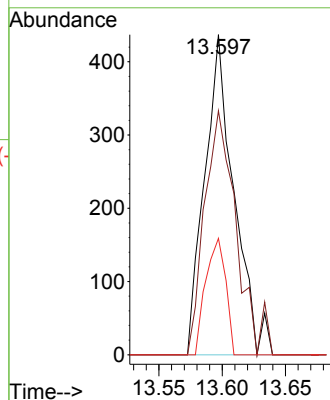
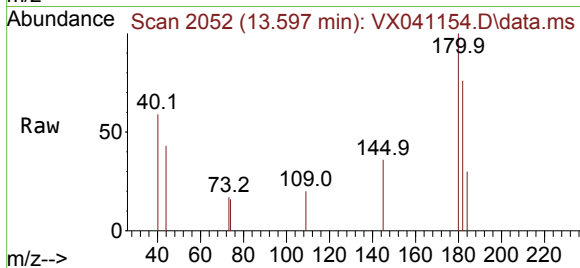
Tgt Ion:180 Resp: 705

Ion Ratio Lower Upper

180 100

182 82.4 48.3 144.8

145 24.7 18.0 54.0



#95

Naphthalene

Concen: 0.307 ug/l

RT: 13.786 min Scan# 2083

Delta R.T. 0.012 min

Lab File: VX041154.D

Acq: 18 Apr 2024 11:14

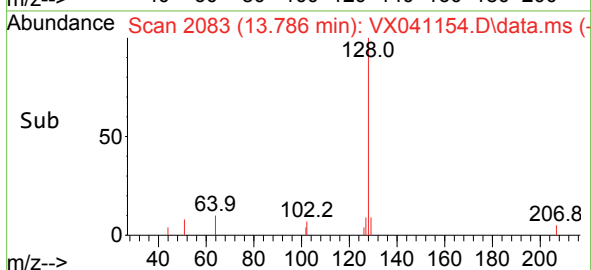
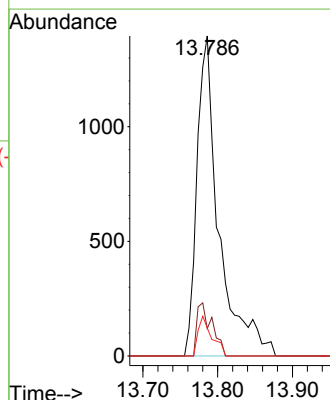
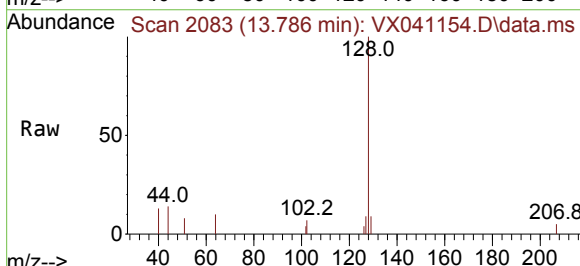
Tgt Ion:128 Resp: 2846

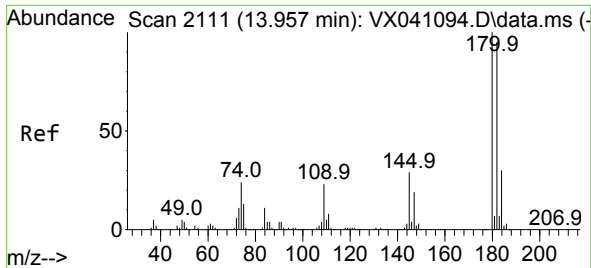
Ion Ratio Lower Upper

128 100

127 11.3 10.3 15.5

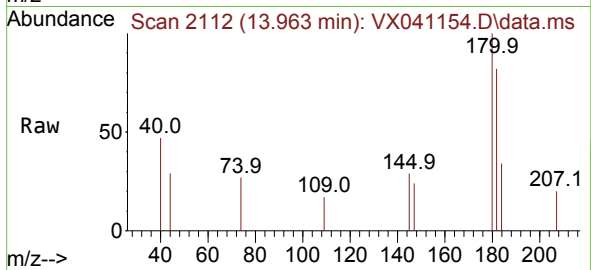
129 7.8 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.209 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX041154.D
 Acq: 18 Apr 2024 11:14

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	711
Ion	Ratio	Lower	Upper
180	100		
182	111.7	46.9	140.6
145	28.6	17.8	53.5

