

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
 Data File : VX042210.D
 Acq On : 05 Jul 2024 13:45
 Operator : JC/MD
 Sample : P3167-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 05 23:21:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

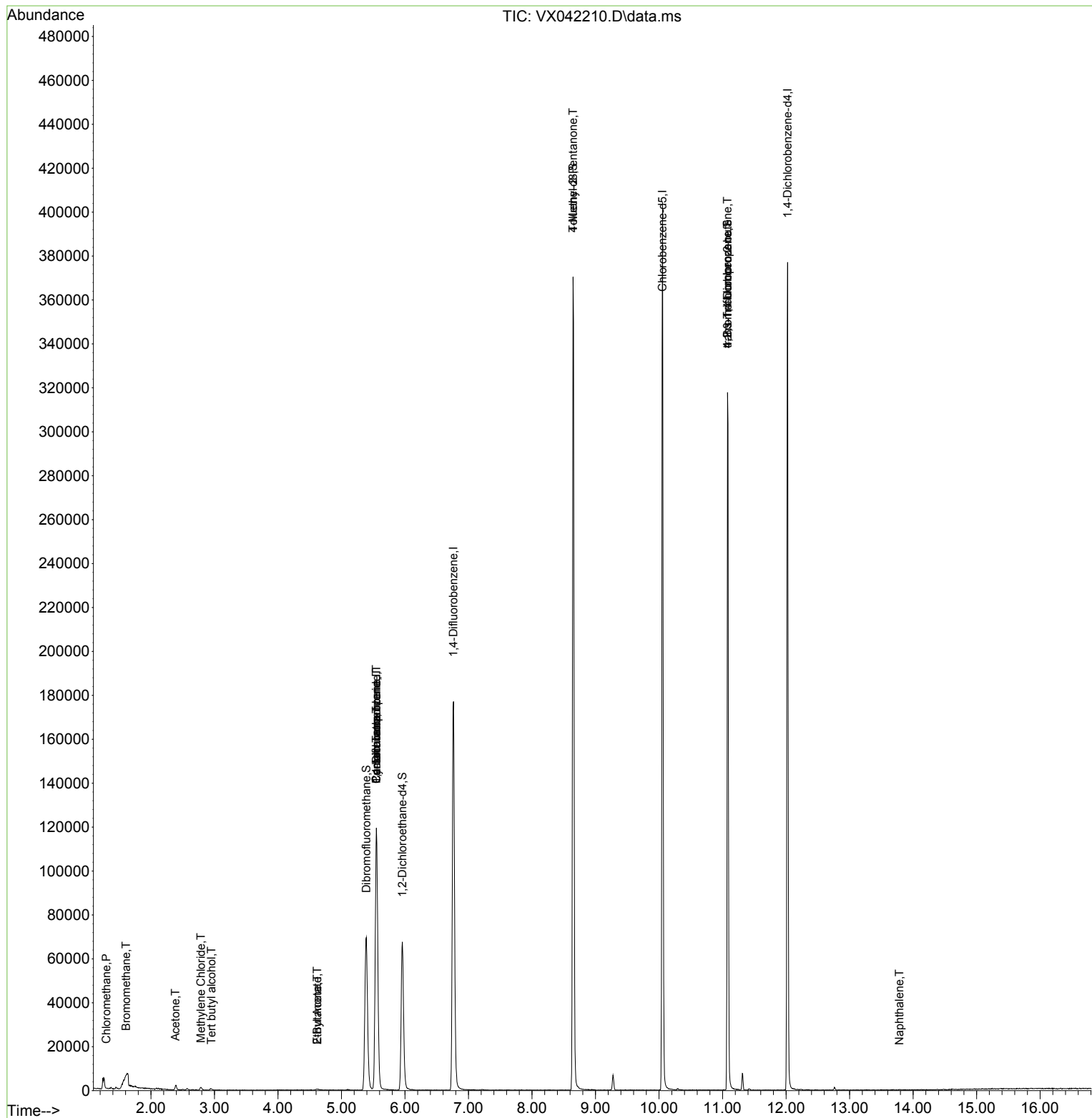
Internal Standards						
1) Pentafluorobenzene	5.550	168	131447	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	202341	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64481	42.541	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.080%
35) Dibromofluoromethane	5.391	113	62839	43.768	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.540%
50) Toluene-d8	8.647	98	233126	46.221	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.440%
62) 4-Bromofluorobenzene	11.079	95	85388	45.926	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.860%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	280	0.223	ug/l	# 43
5) Bromomethane	1.605	94	302	0.486	ug/l	# 64
6) Chloroethane	1.642	64	53	Below Cal		# 43
11) Tert butyl alcohol	2.953	59	378	1.314	ug/l	# 78
16) Acetone	2.386	43	2335	3.508	ug/l	# 85
20) Methylene Chloride	2.788	84	808	0.554	ug/l	# 78
25) 2-Butanone	4.617	43	1268	1.225	ug/l	# 86
31) Cyclohexane	5.550	56	1782	1.005	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7778	5.102	ug/l	# 50
37) Ethyl Acetate	4.617	43	1268	0.638	ug/l	# 69
38) Carbon Tetrachloride	5.550	117	11121	6.602	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.647	43	833	0.397	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	39537	24.070	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	39537	68.355	ug/l	# 5
95) Naphthalene	13.786	128	241	0.784	ug/l	# 69

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

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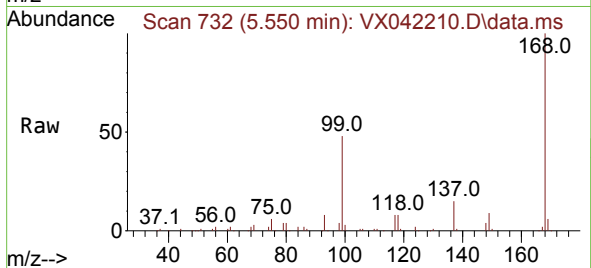


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

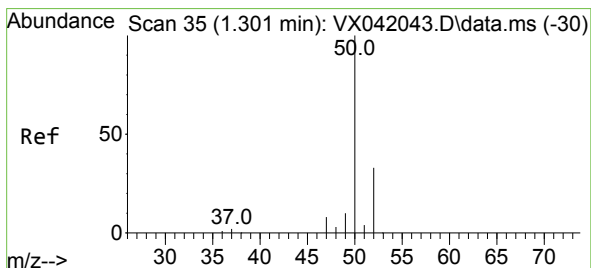
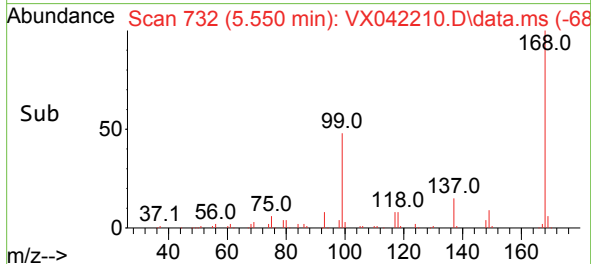
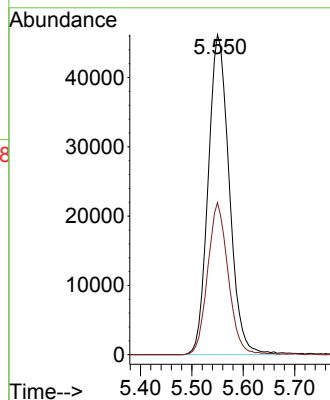
Instrument :

MSVOA_X

ClientSampleId :

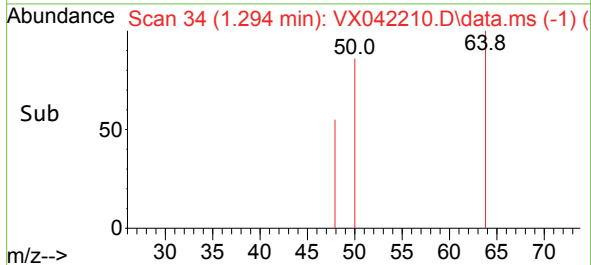
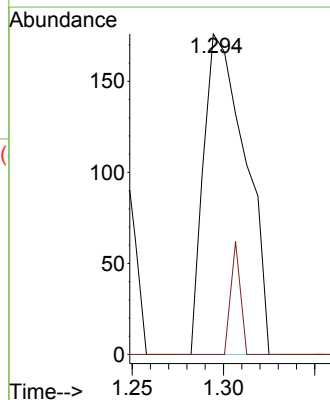
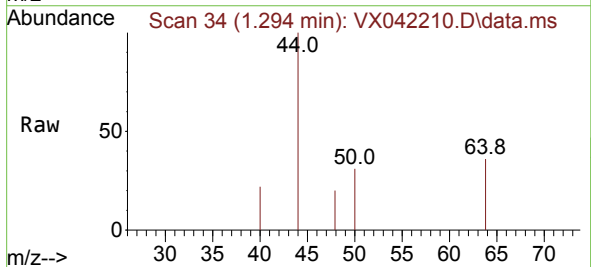


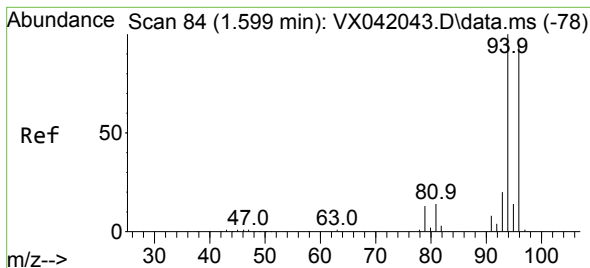
Tgt Ion:168 Resp: 131447
Ion Ratio Lower Upper
168 100
99 47.6 56.6 85.0#



#3
Chloromethane
Concen: 0.223 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

Tgt Ion: 50 Resp: 280
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#5

Bromomethane

Concen: 0.486 ug/l

RT: 1.605 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX042210.D

Acq: 05 Jul 2024 13:45

Instrument :

MSVOA_X

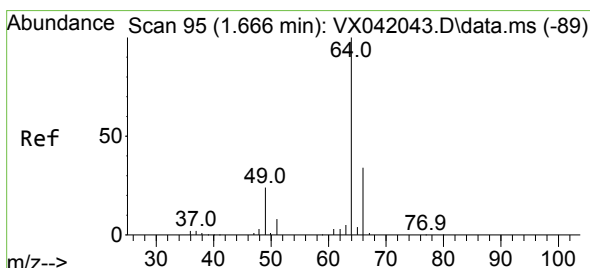
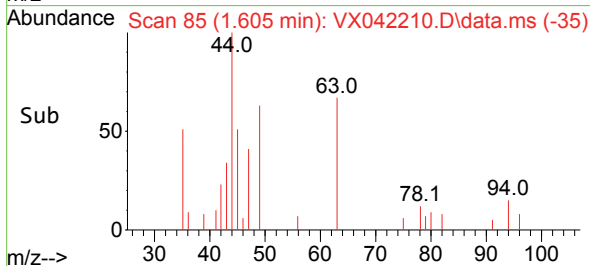
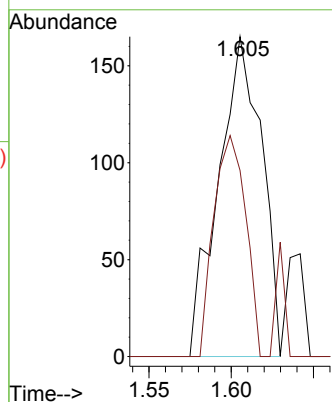
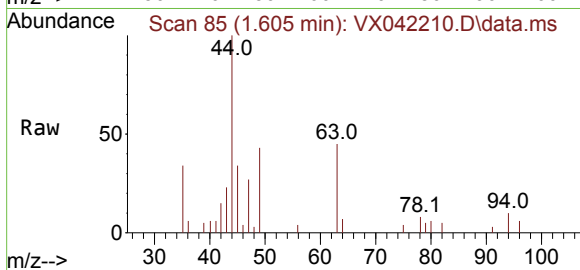
ClientSampleId :

Tgt Ion: 94 Resp: 302

Ion Ratio Lower Upper

94 100

96 58.2 74.6 111.8#



#6

Chloroethane

Concen: Below Cal

RT: 1.642 min Scan# 91

Delta R.T. -0.018 min

Lab File: VX042210.D

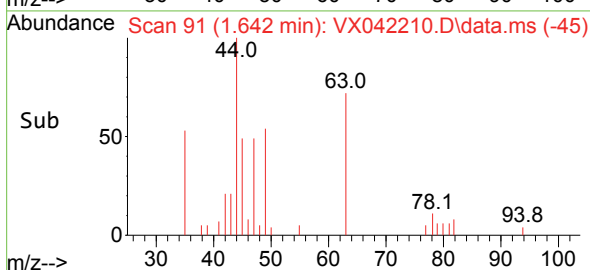
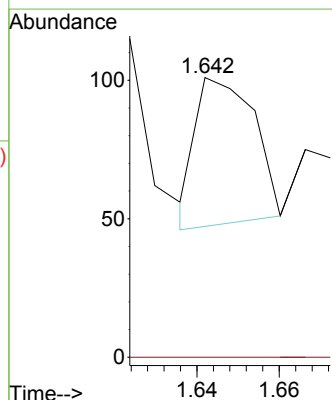
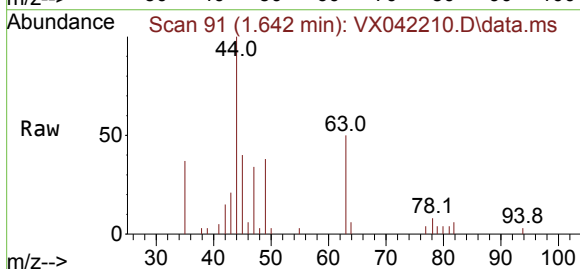
Acq: 05 Jul 2024 13:45

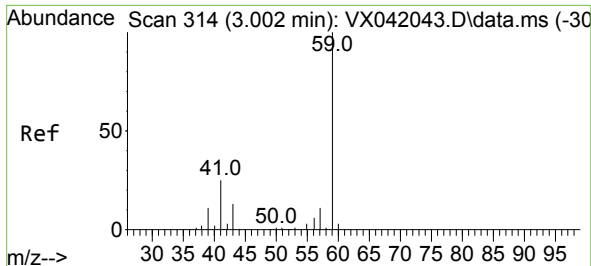
Tgt Ion: 64 Resp: 53

Ion Ratio Lower Upper

64 100

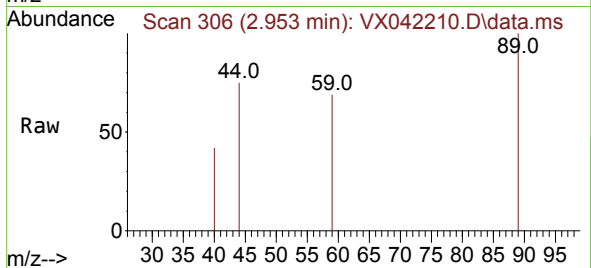
66 0.0 25.1 37.7#



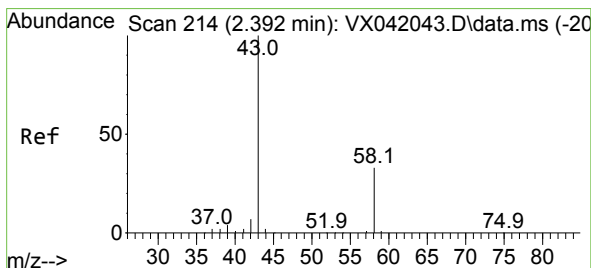
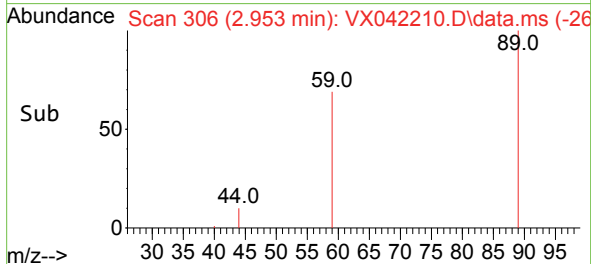
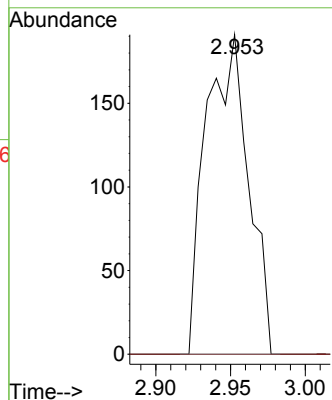


#11
Tert butyl alcohol
Concen: 1.314 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.055 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

Instrument :
MSVOA_X
ClientSampleId :

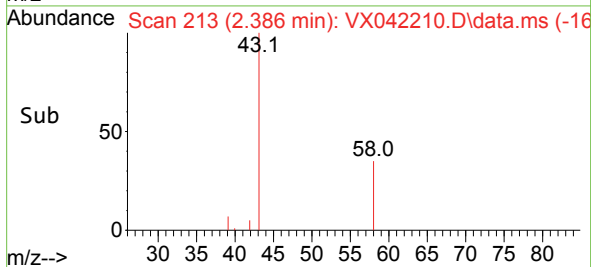
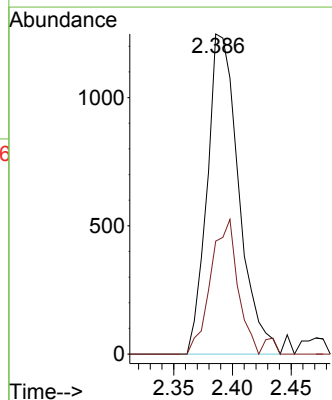
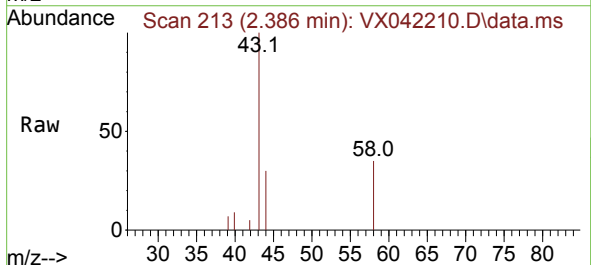


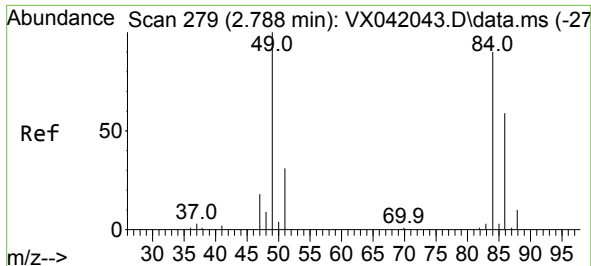
Tgt Ion: 59 Resp: 378
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 3.508 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

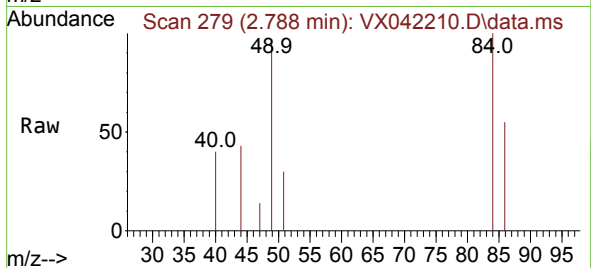
Tgt Ion: 43 Resp: 2335
Ion Ratio Lower Upper
43 100
58 35.3 21.9 32.9#



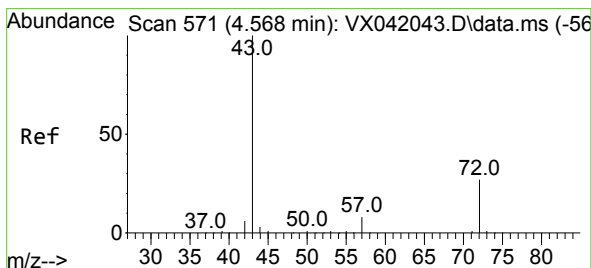
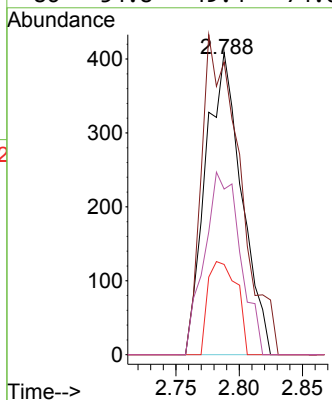


#20
Methylene Chloride
Concen: 0.554 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

Instrument :
MSVOA_X
ClientSampleId :

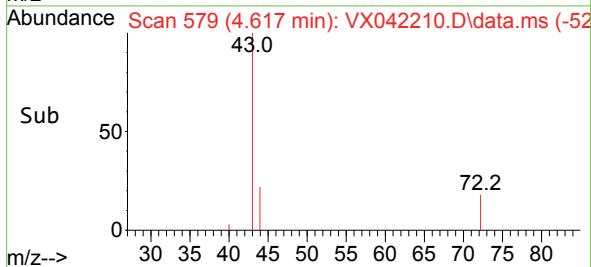
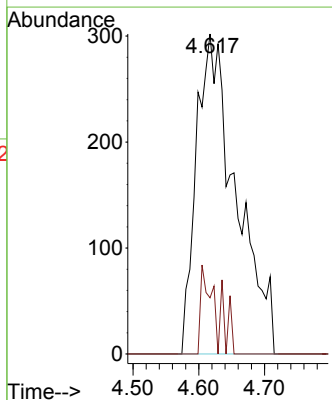
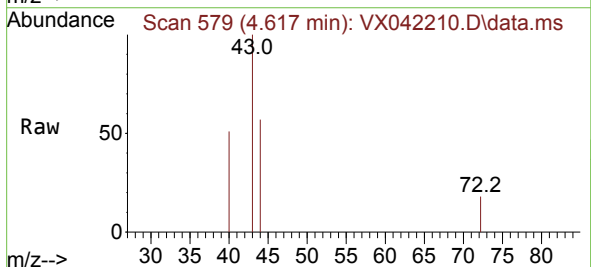


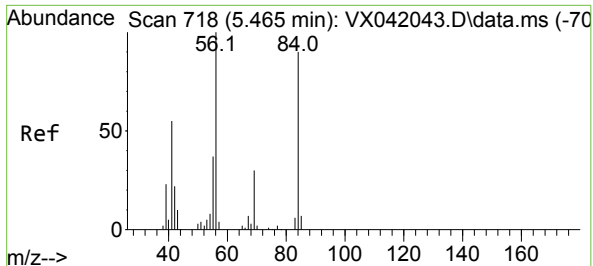
Tgt Ion: 84	Resp: 808
Ion Ratio	Lower Upper
84 100	
49 96.8	103.6 155.4#
51 29.8	33.8 50.6#
86 54.8	49.4 74.0



#25
2-Butanone
Concen: 1.225 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.043 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

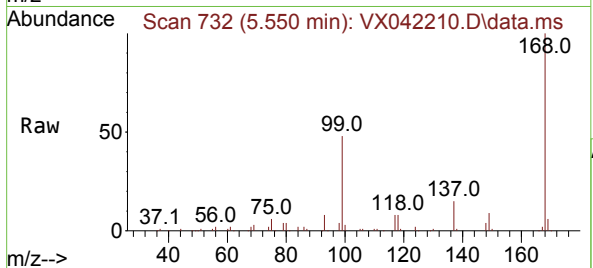
Tgt Ion: 43	Resp: 1268
Ion Ratio	Lower Upper
43 100	
72 17.5	19.4 29.2#



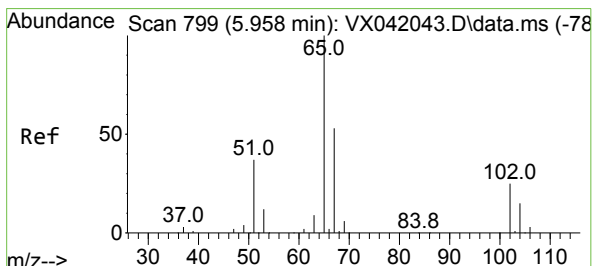
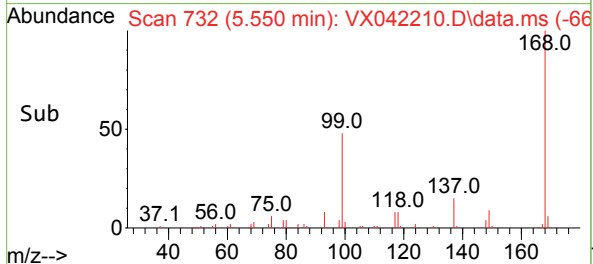
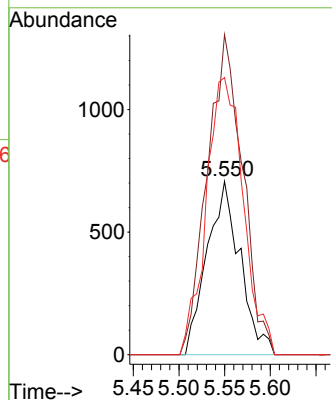


#31
Cyclohexane
Concen: 1.005 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

Instrument :
MSVOA_X
ClientSampleId :

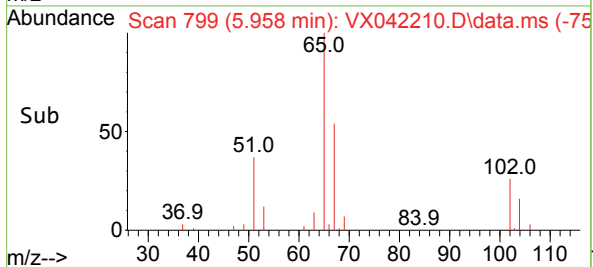
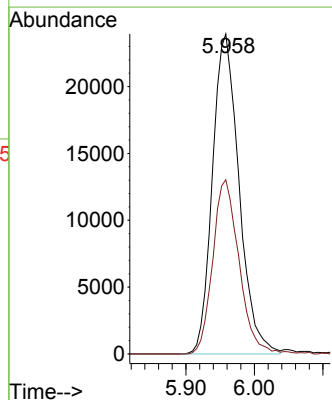
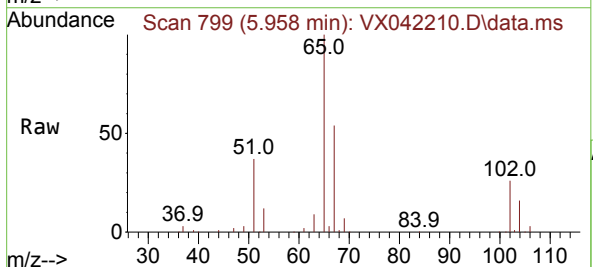


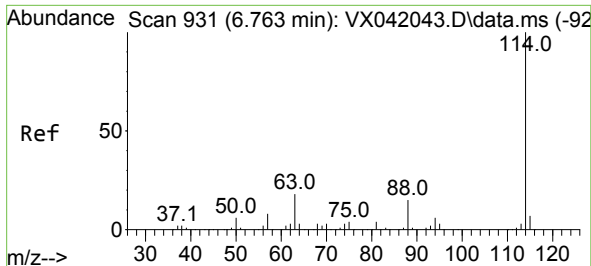
Tgt Ion: 56 Resp: 1782
Ion Ratio Lower Upper
56 100
69 184.6 23.4 35.2#
84 159.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.541 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

Tgt Ion: 65 Resp: 64481
Ion Ratio Lower Upper
65 100
67 53.9 0.0 100.2

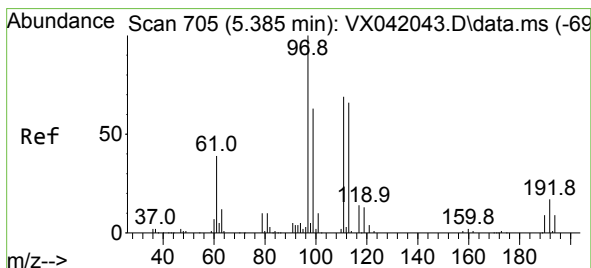
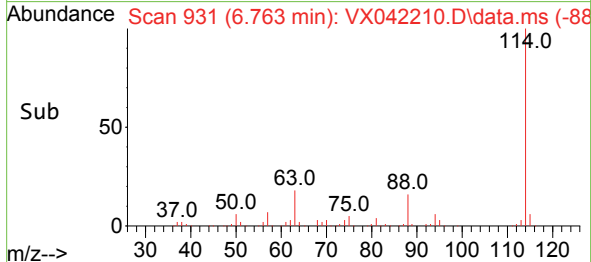
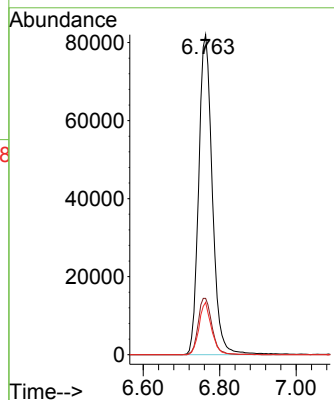
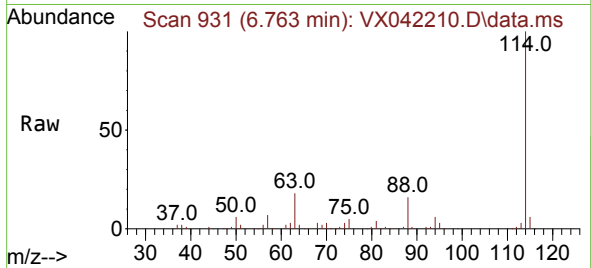




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

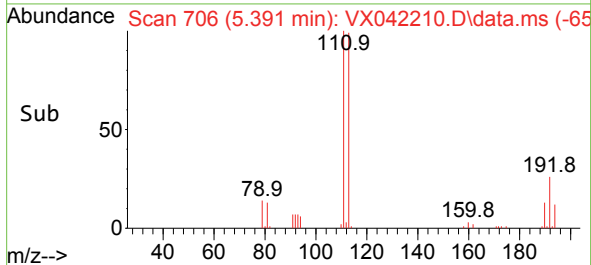
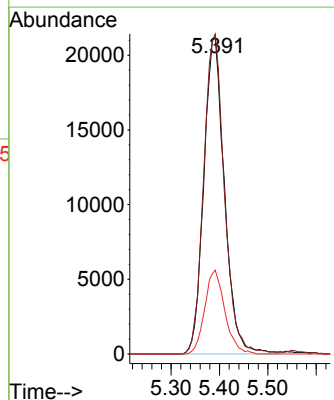
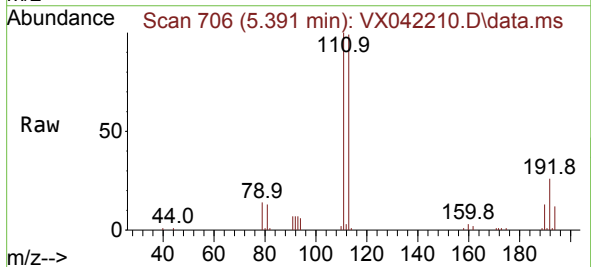
Instrument :
MSVOA_X
ClientSampleId :

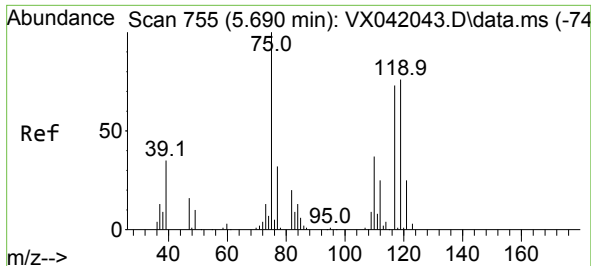
Tgt Ion:114 Resp: 202341
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.768 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

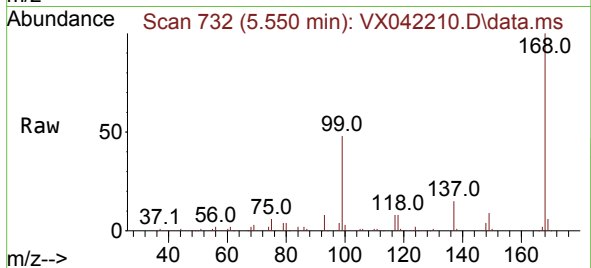
Tgt Ion:113 Resp: 62839
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 25.8 13.3 19.9#



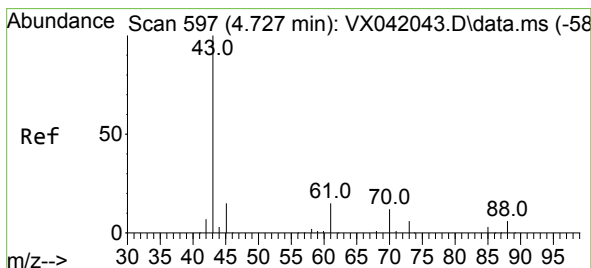
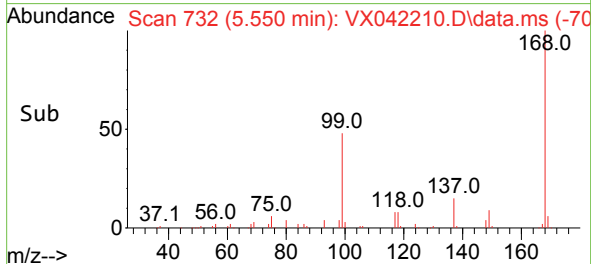
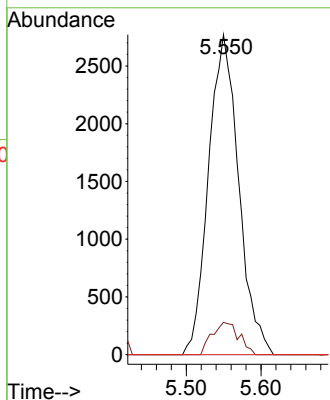


#36
1,1-Dichloropropene
Concen: 5.102 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

Instrument :
MSVOA_X
ClientSampleId :

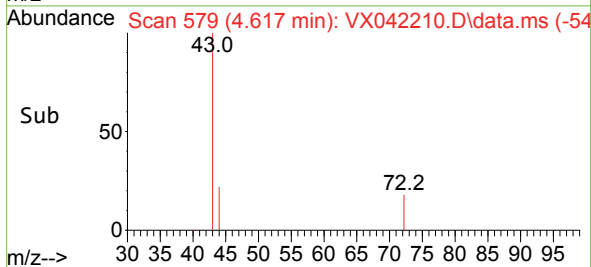
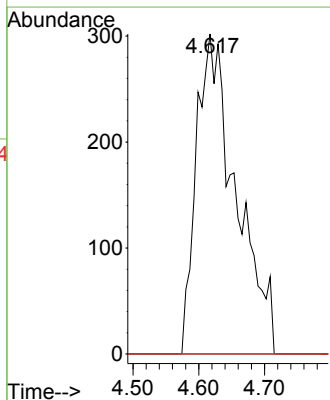
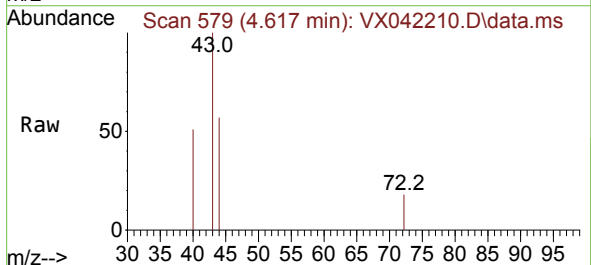


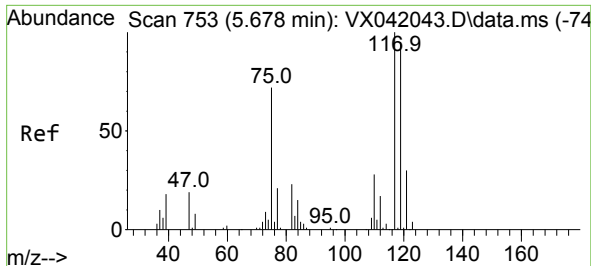
Tgt Ion: 75 Resp: 7778
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.638 ug/l
RT: 4.617 min Scan# 579
Delta R.T. -0.110 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

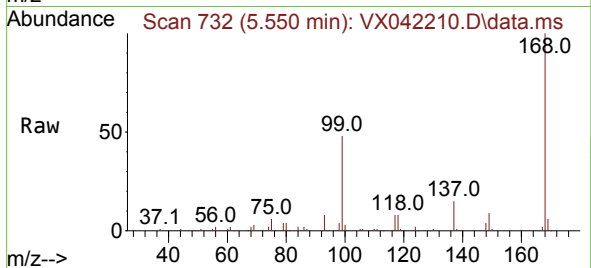
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Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



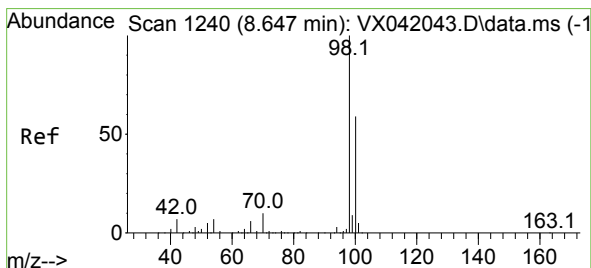
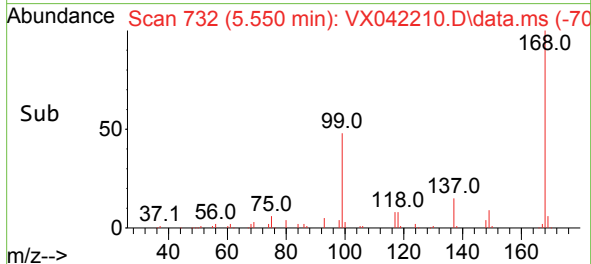
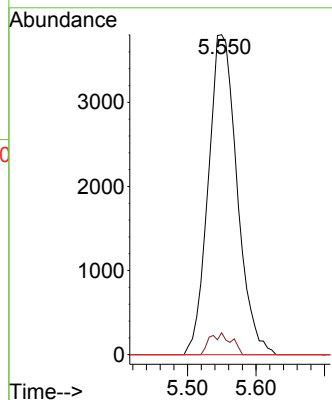


#38
Carbon Tetrachloride
Concen: 6.602 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

Instrument :
MSVOA_X
ClientSampleId :

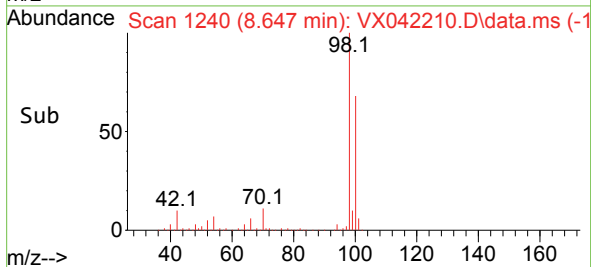
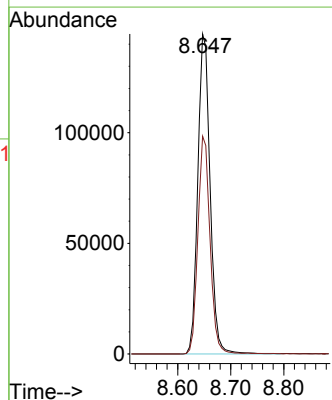
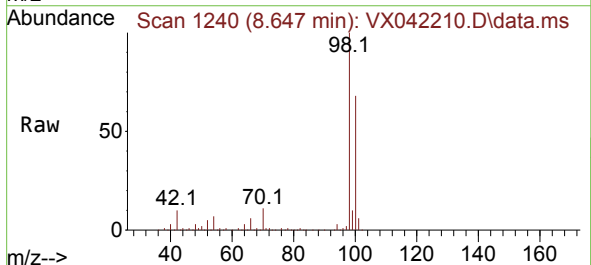


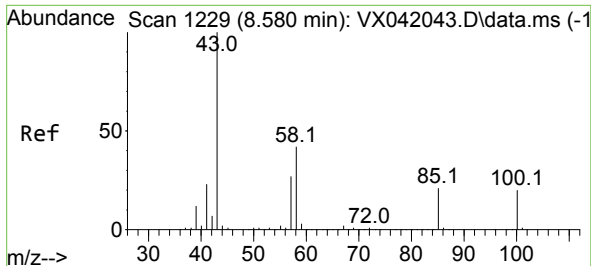
Tgt Ion:117 Resp: 11121
Ion Ratio Lower Upper
117 100
119 6.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.221 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

Tgt Ion: 98 Resp: 233126
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.397 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX042210.D

Acq: 05 Jul 2024 13:45

Instrument :

MSVOA_X

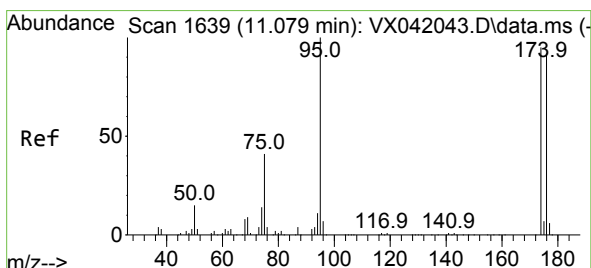
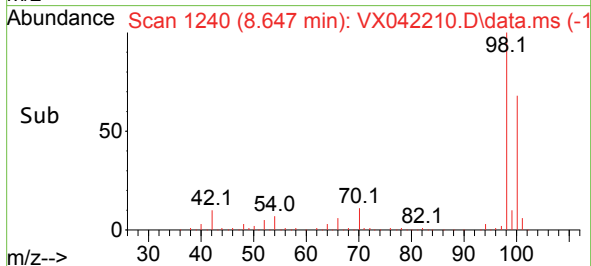
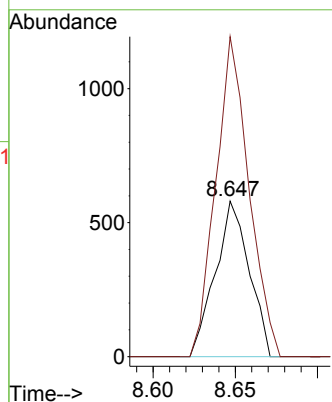
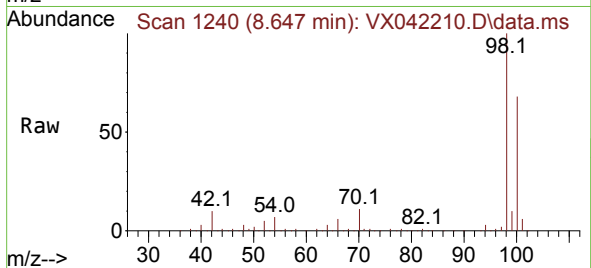
ClientSampleId :

Tgt Ion: 43 Resp: 833

Ion Ratio Lower Upper

43 100

58 201.3 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 45.926 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX042210.D

Acq: 05 Jul 2024 13:45

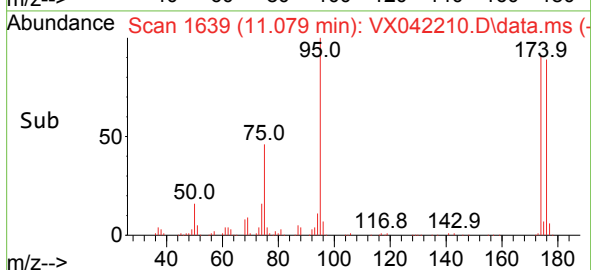
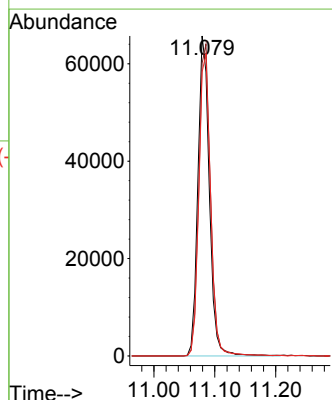
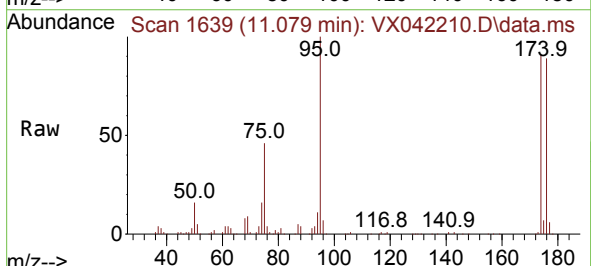
Tgt Ion: 95 Resp: 85388

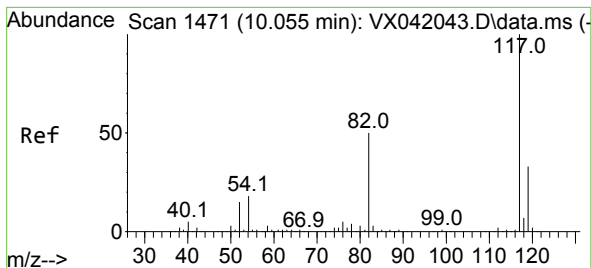
Ion Ratio Lower Upper

95 100

174 100.1 0.0 135.6

176 97.0 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: VX042210.D

Acq: 05 Jul 2024 13:45

Instrument :

MSVOA_X

ClientSampleId :

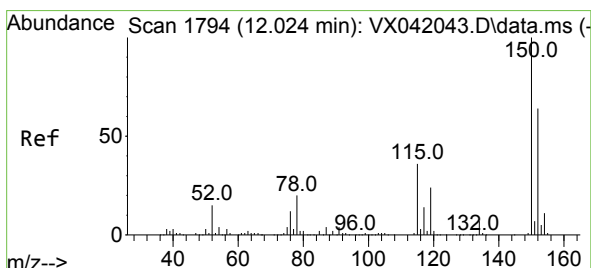
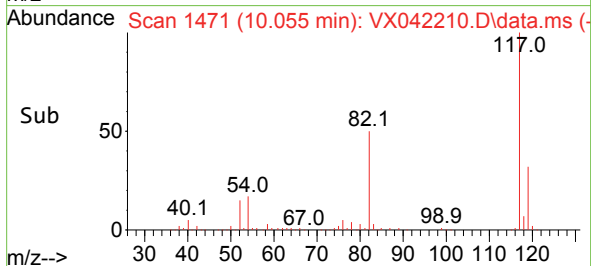
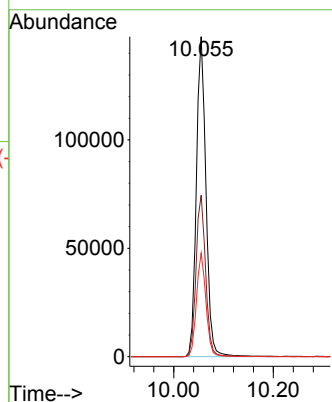
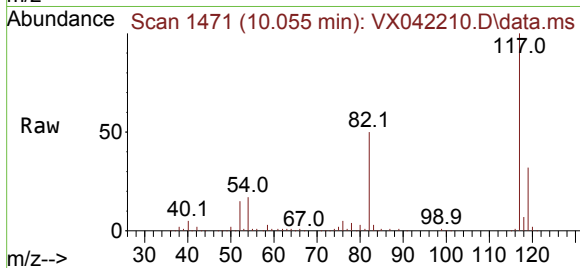
Tgt Ion:117 Resp: 197328

Ion Ratio Lower Upper

117 100

82 50.5 46.2 69.4

119 32.4 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: VX042210.D

Acq: 05 Jul 2024 13:45

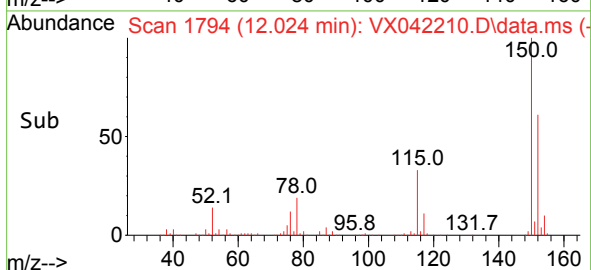
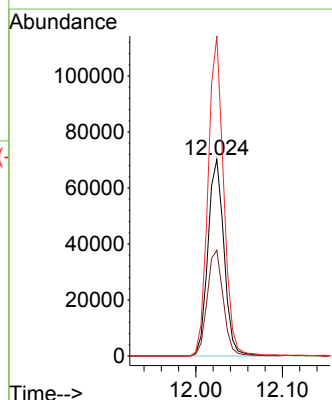
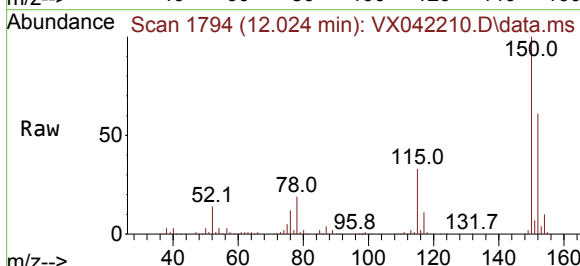
Tgt Ion:152 Resp: 90482

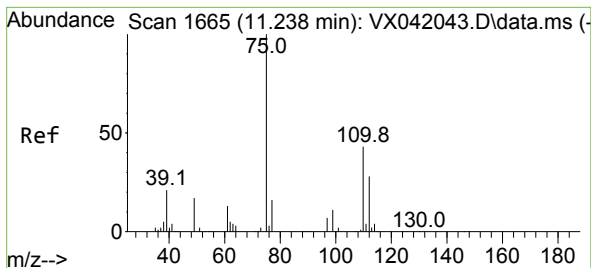
Ion Ratio Lower Upper

152 100

115 53.9 43.3 129.9

150 158.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.070 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042210.D

Acq: 05 Jul 2024 13:45

Instrument :

MSVOA_X

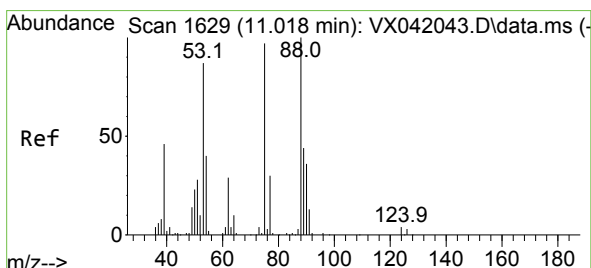
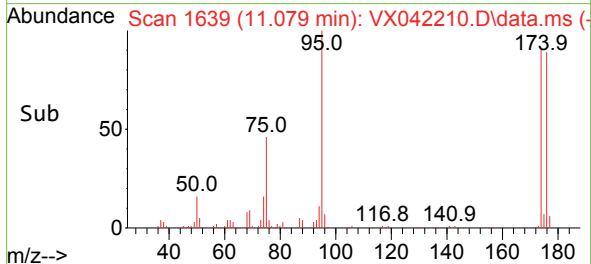
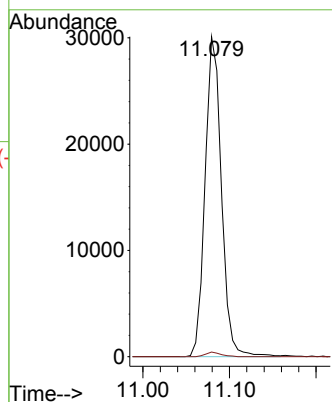
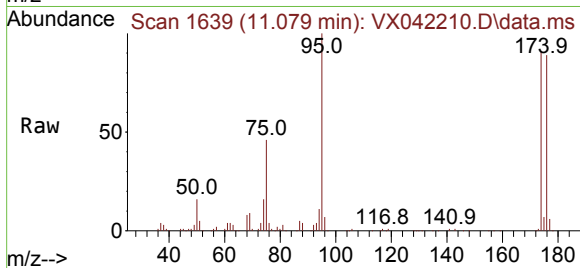
ClientSampleId :

Tgt Ion: 75 Resp: 39537

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.355 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042210.D

Acq: 05 Jul 2024 13:45

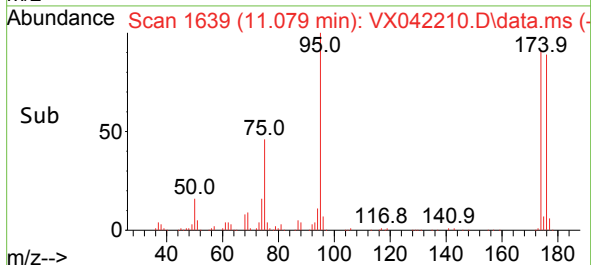
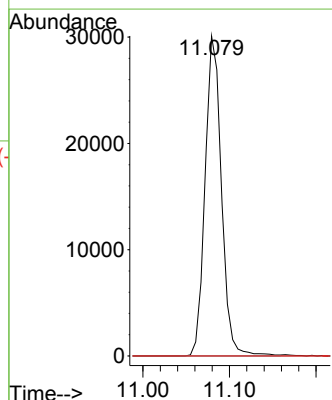
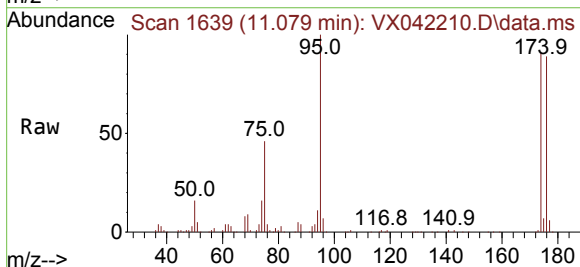
Tgt Ion: 75 Resp: 39537

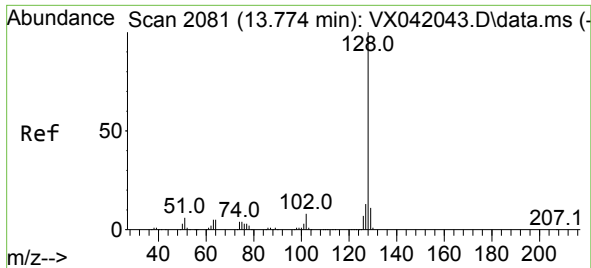
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

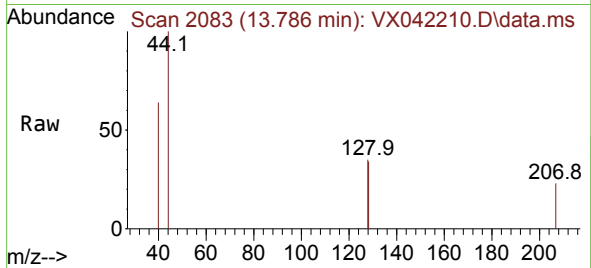
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.784 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042210.D
Acq: 05 Jul 2024 13:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

