

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
 Data File : VX041213.D
 Acq On : 23 Apr 2024 13:50
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 24 01:46:51 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)

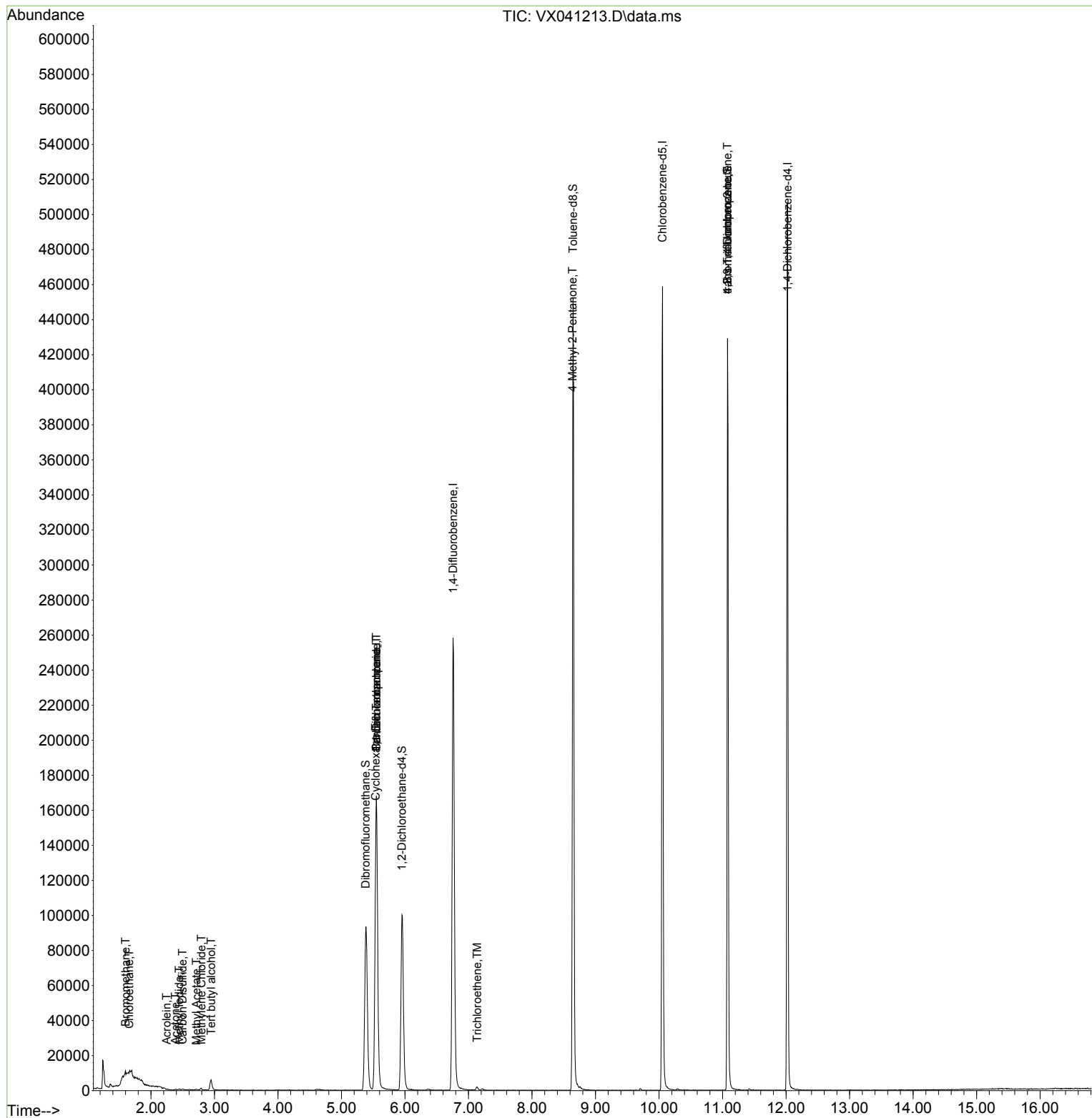
Internal Standards						
1) Pentafluorobenzene	5.550	168	178778	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	286893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101023	59.361	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 118.720%#	
35) Dibromofluoromethane	5.379	113	81508	46.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.420%	
50) Toluene-d8	8.647	98	274884	46.686	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.380%	
62) 4-Bromofluorobenzene	11.079	95	112402	51.721	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	939	1.089	ug/l	87
6) Chloroethane	1.654	64	129	0.222	ug/l #	87
10) Methyl Iodide	2.447	142	688	0.409	ug/l #	78
11) Tert butyl alcohol	2.947	59	3567	11.700	ug/l #	78
13) Acrolein	2.245	56	103	0.301	ug/l #	14
16) Acetone	2.386	43	219	0.354	ug/l #	47
17) Carbon Disulfide	2.495	76	1003	0.369	ug/l #	76
18) Methyl Acetate	2.715	43	497	0.271	ug/l #	53
20) Methylene Chloride	2.794	84	442	0.292	ug/l #	86
31) Cyclohexane	5.538	56	3020	1.319	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	10756	4.817	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15614	6.261	ug/l #	15
44) Trichloroethene	7.135	130	750	0.374	ug/l	93
51) 4-Methyl-2-Pentanone	8.641	43	1257	0.509	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54241	27.654	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54241	78.019	ug/l #	5

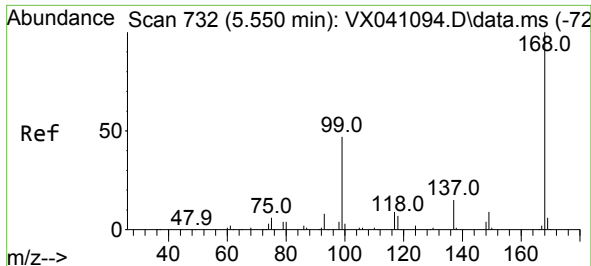
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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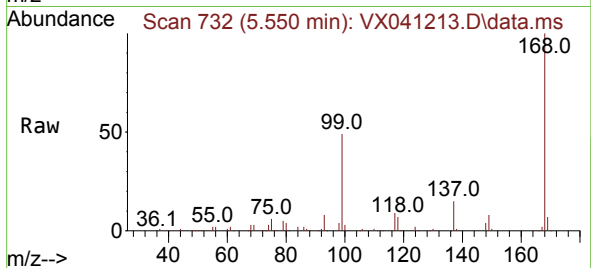
Quant Time: Apr 24 01:46:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
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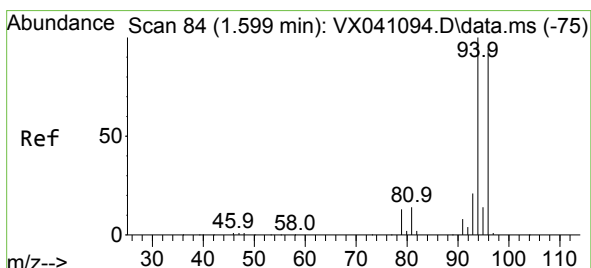
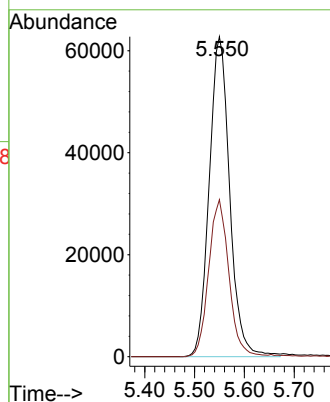
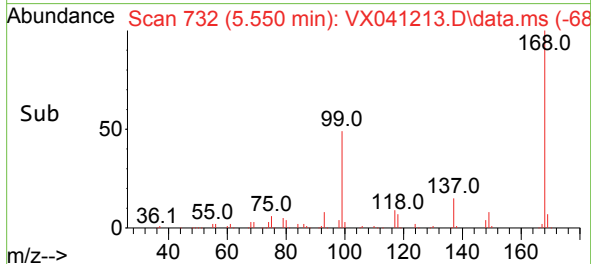


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041213.D
Acq: 23 Apr 2024 13:50

Instrument :
MSVOA_X
ClientSampleId :

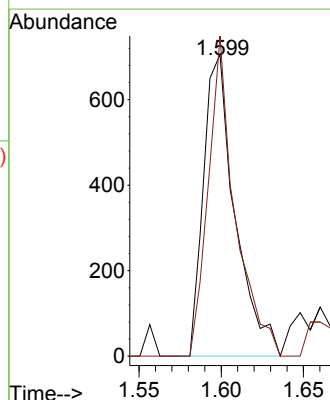
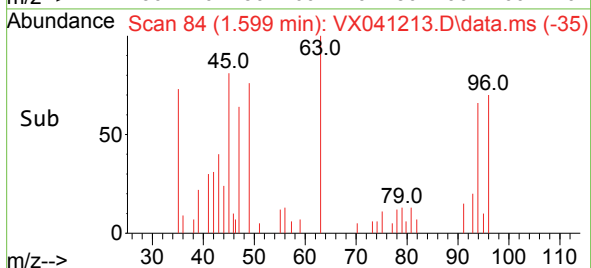
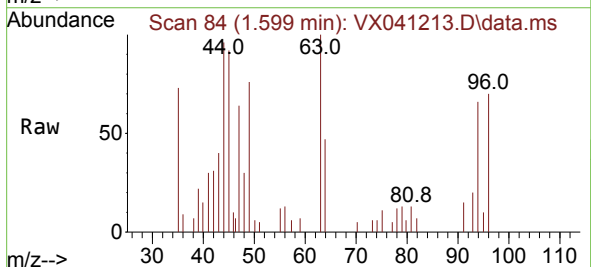


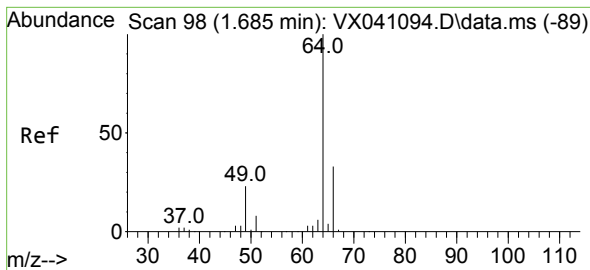
Tgt Ion:168 Resp: 178778
Ion Ratio Lower Upper
168 100
99 49.1 56.6 85.0#



#5
Bromomethane
Concen: 1.089 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041213.D
Acq: 23 Apr 2024 13:50

Tgt Ion: 94 Resp: 939
Ion Ratio Lower Upper
94 100
96 106.1 74.6 111.8





#6

Chloroethane

Concen: 0.222 ug/l

RT: 1.654 min Scan# 91

Delta R.T. -0.012 min

Lab File: VX041213.D

Acq: 23 Apr 2024 13:50

Instrument :

MSVOA_X

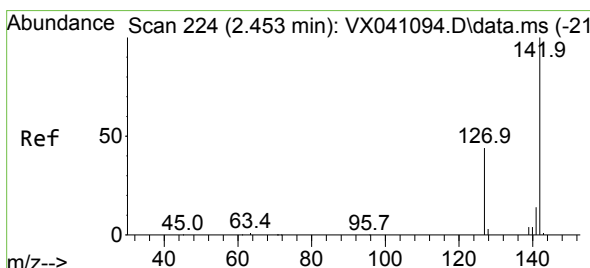
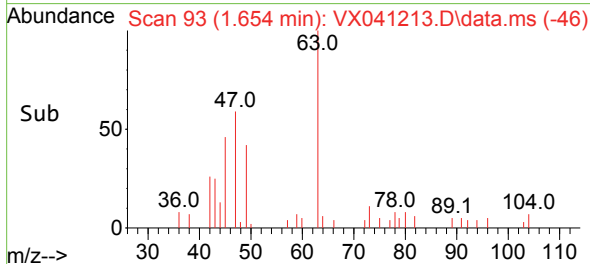
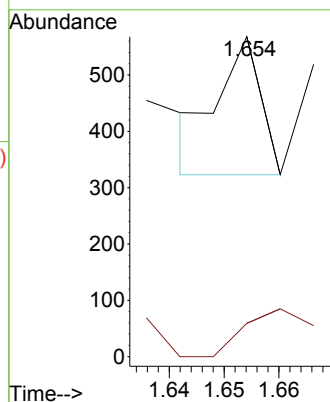
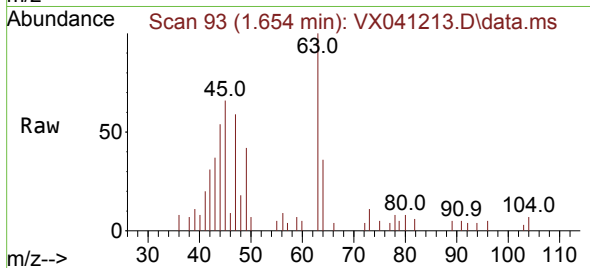
ClientSampleId :

Tgt Ion: 64 Resp: 129

Ion Ratio Lower Upper

64 100

66 24.1 25.1 37.7#



#10

Methyl Iodide

Concen: 0.409 ug/l

RT: 2.447 min Scan# 223

Delta R.T. 0.006 min

Lab File: VX041213.D

Acq: 23 Apr 2024 13:50

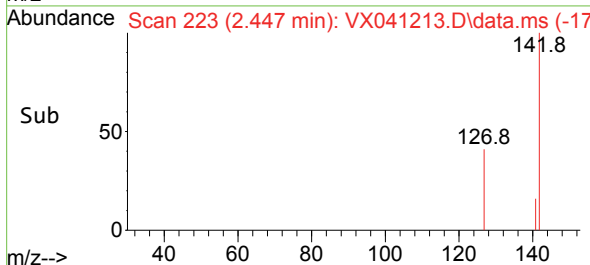
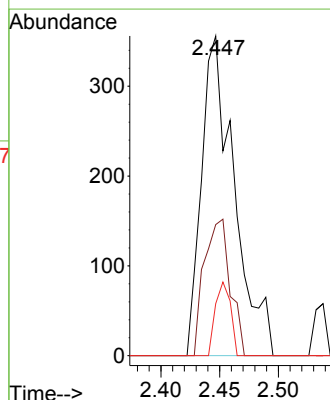
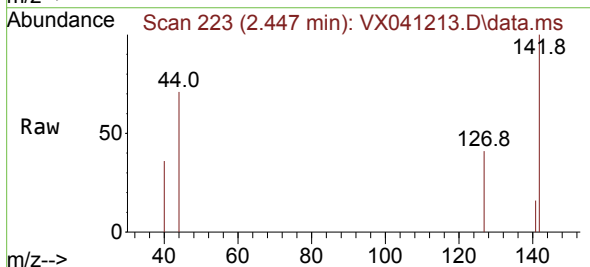
Tgt Ion: 142 Resp: 688

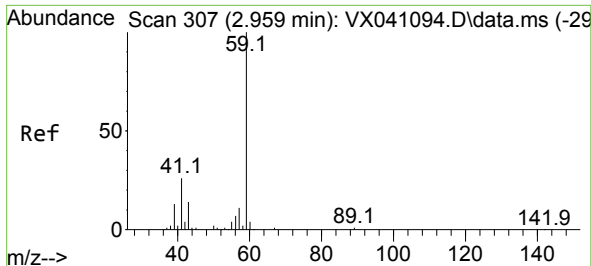
Ion Ratio Lower Upper

142 100

127 33.9 41.6 62.4#

141 10.8 11.6 17.4#





#11

Tert butyl alcohol

Concen: 11.700 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.116 min

Lab File: VX041213.D

Acq: 23 Apr 2024 13:50

Instrument :

MSVOA_X

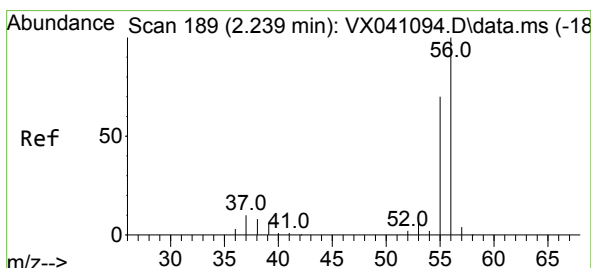
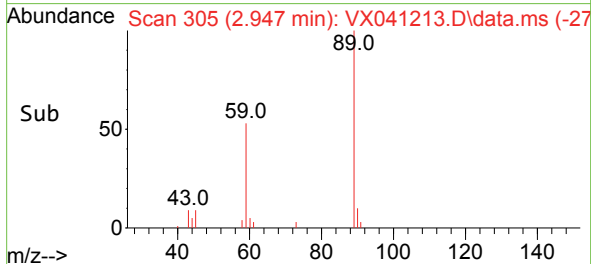
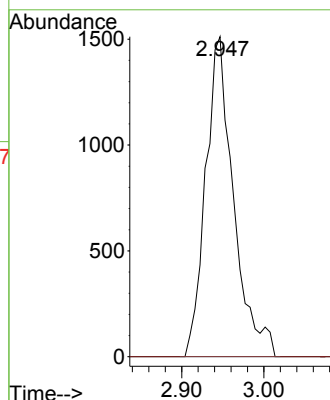
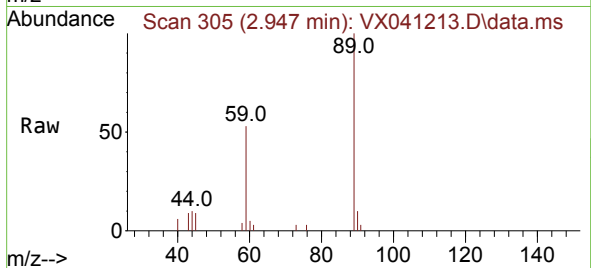
ClientSampleId :

Tgt Ion: 59 Resp: 3567

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.301 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX041213.D

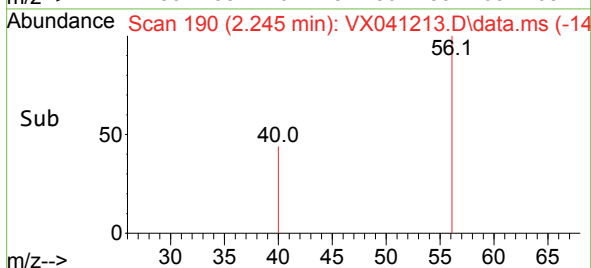
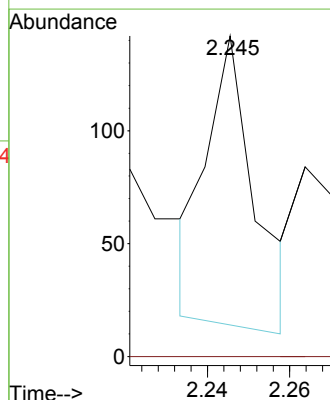
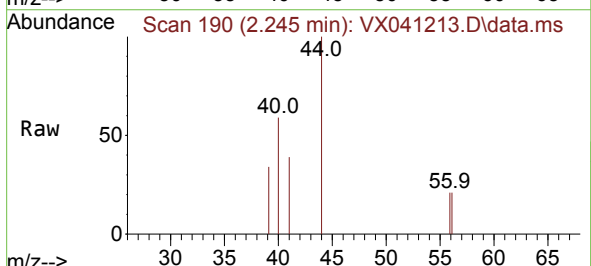
Acq: 23 Apr 2024 13:50

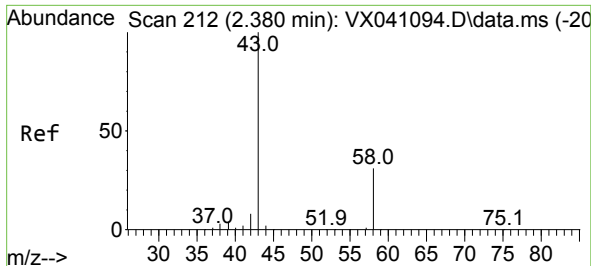
Tgt Ion: 56 Resp: 103

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

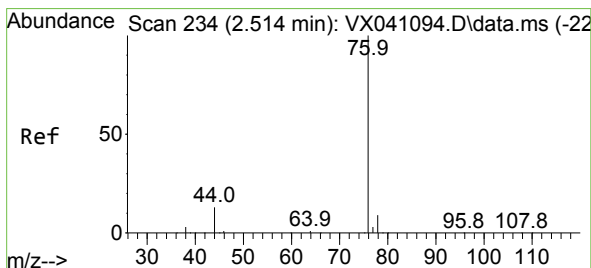
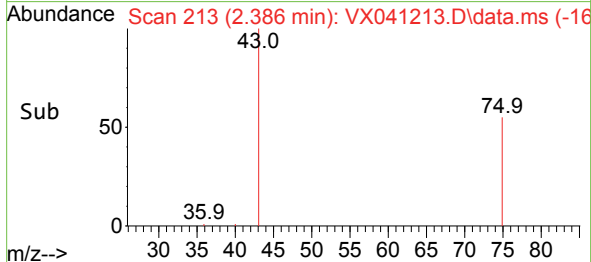
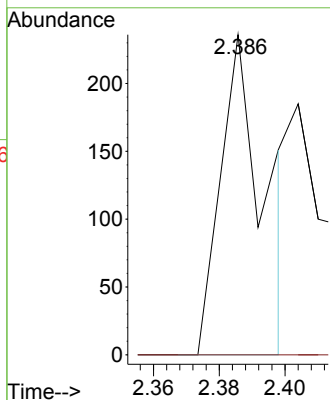
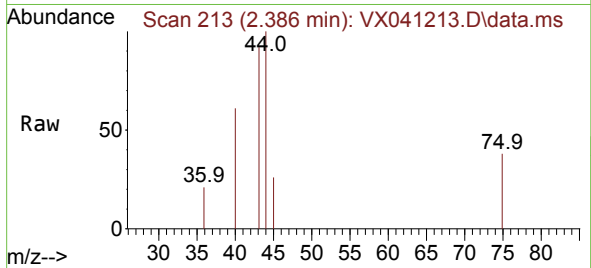




#16
Acetone
Concen: 0.354 ug/l
RT: 2.386 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX041213.D
Acq: 23 Apr 2024 13:50

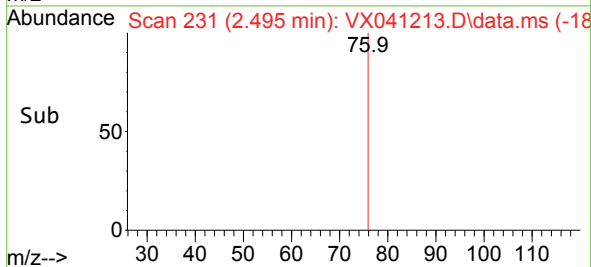
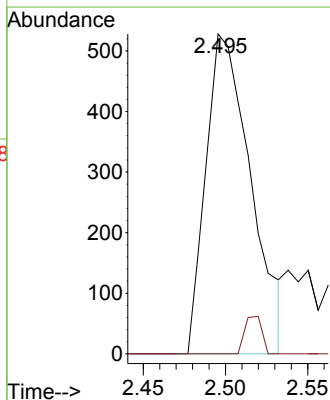
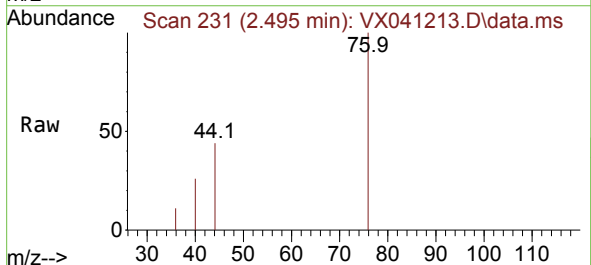
Instrument :
MSVOA_X
ClientSampleId :

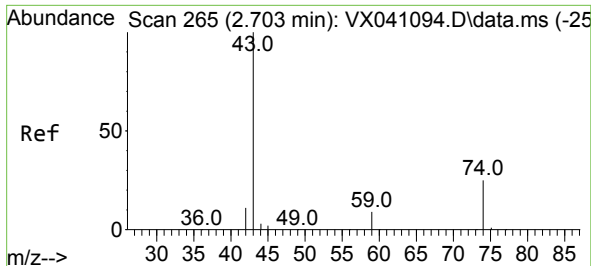
Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.369 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX041213.D
Acq: 23 Apr 2024 13:50

Tgt Ion: 76 Resp: 1003
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

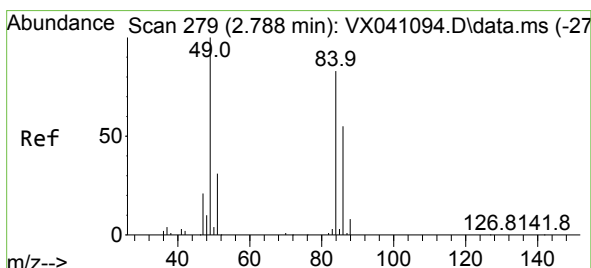
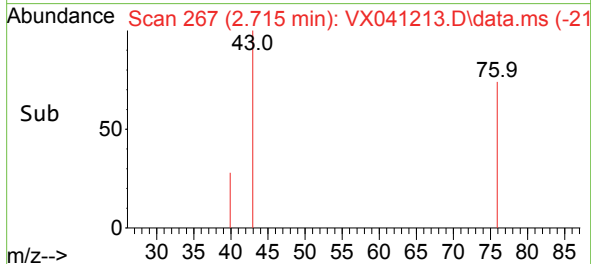
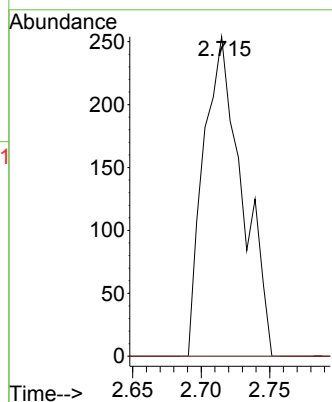
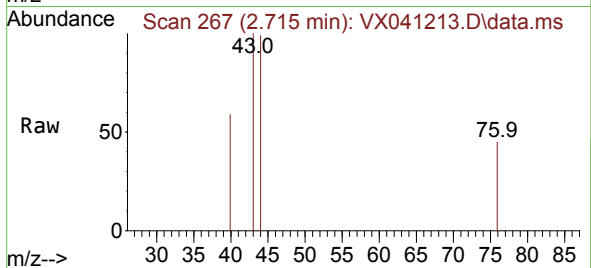




#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX041213.D
Acq: 23 Apr 2024 13:50

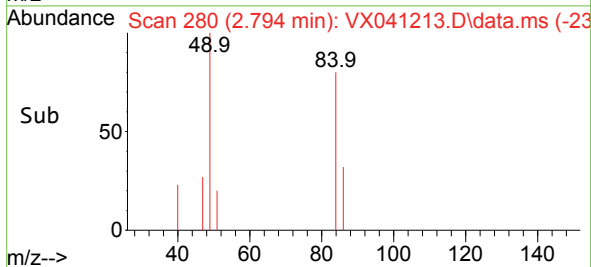
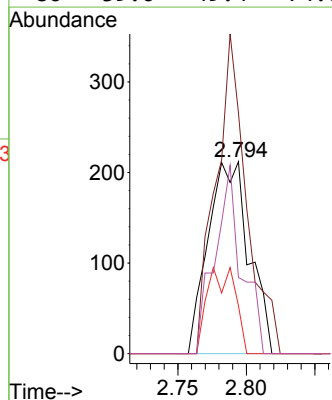
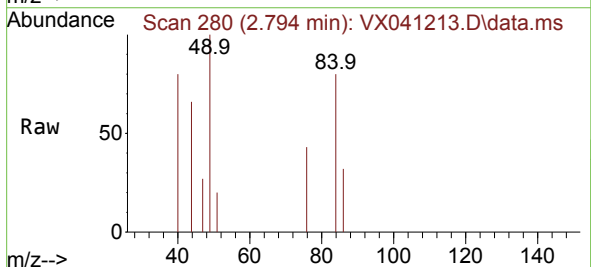
Instrument :
MSVOA_X
ClientSampleId :

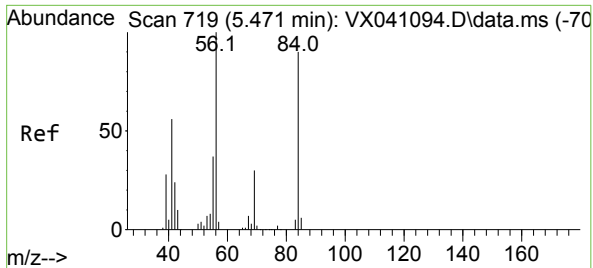
Tgt Ion: 43 Resp: 497
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX041213.D
Acq: 23 Apr 2024 13:50

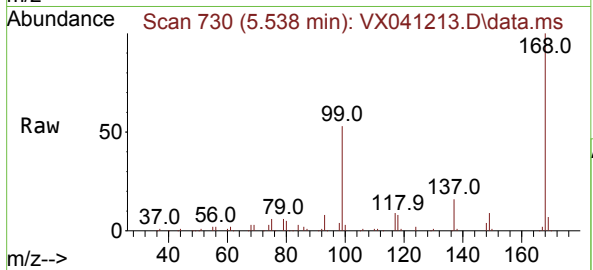
Tgt Ion: 84 Resp: 442
Ion Ratio Lower Upper
84 100
49 125.5 103.6 155.4
51 25.0 33.8 50.6#
86 39.6 49.4 74.0#



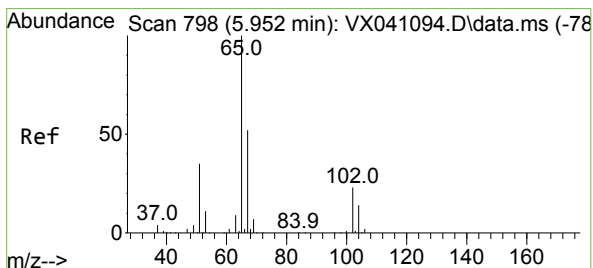
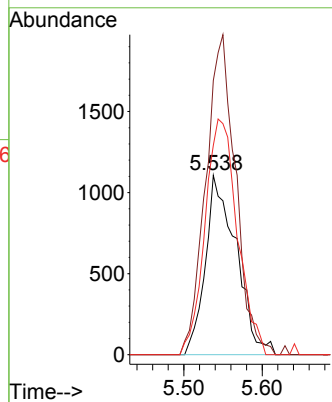
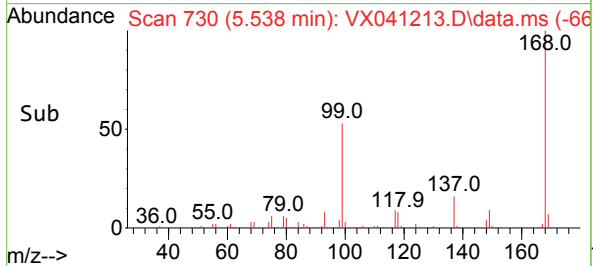


#31
Cyclohexane
Concen: 1.319 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX041213.D
Acq: 23 Apr 2024 13:50

Instrument :
MSVOA_X
ClientSampleId :

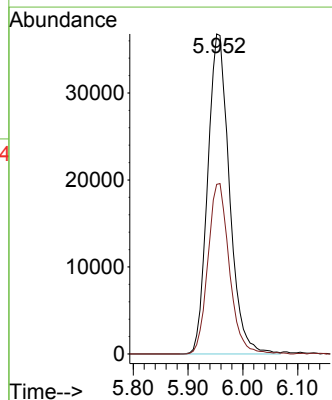
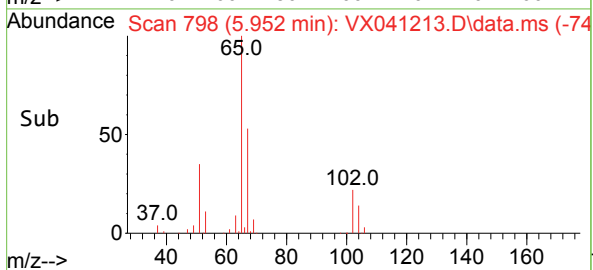
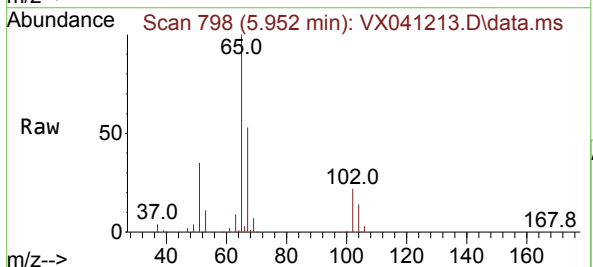


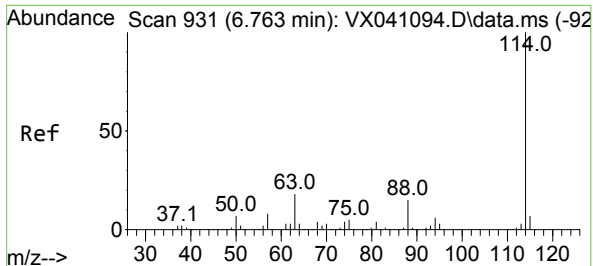
Tgt Ion: 56 Resp: 3020
Ion Ratio Lower Upper
56 100
69 152.8 23.4 35.2#
84 116.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 59.361 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041213.D
Acq: 23 Apr 2024 13:50

Tgt Ion: 65 Resp: 101023
Ion Ratio Lower Upper
65 100
67 52.5 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: VX041213.D

Acq: 23 Apr 2024 13:50

Instrument :

MSVOA_X

ClientSampleId :

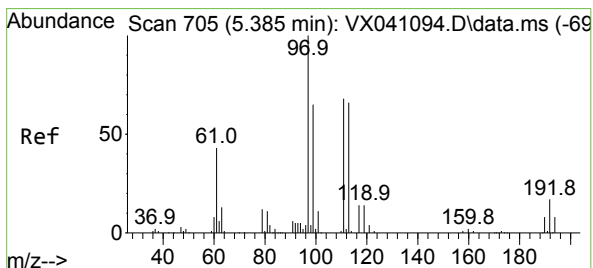
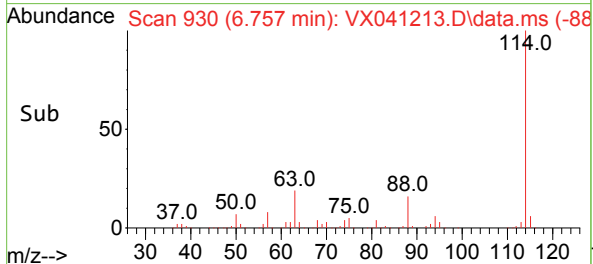
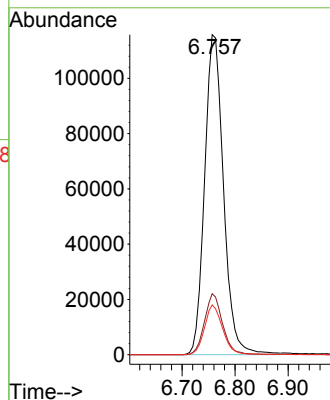
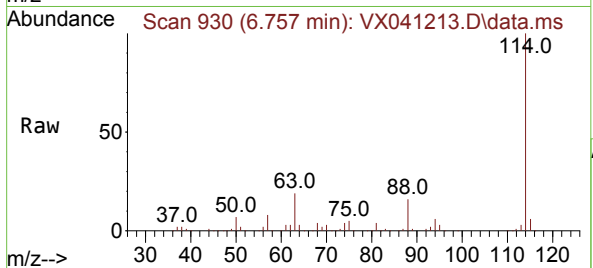
Tgt Ion:114 Resp: 286893

Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 15.6 0.0 36.6



#35

Dibromofluoromethane

Concen: 46.706 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX041213.D

Acq: 23 Apr 2024 13:50

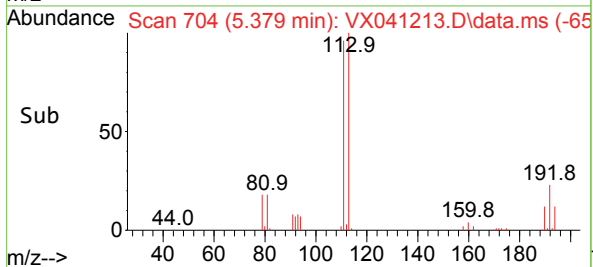
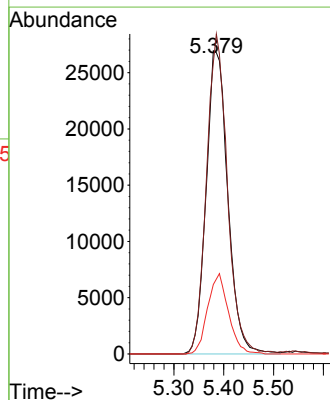
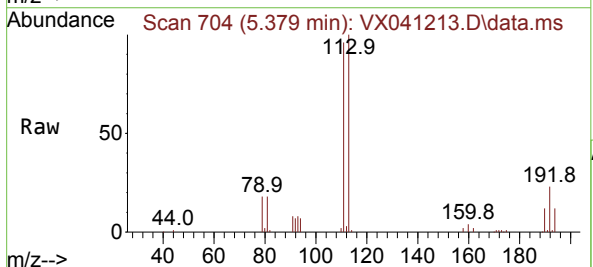
Tgt Ion:113 Resp: 81508

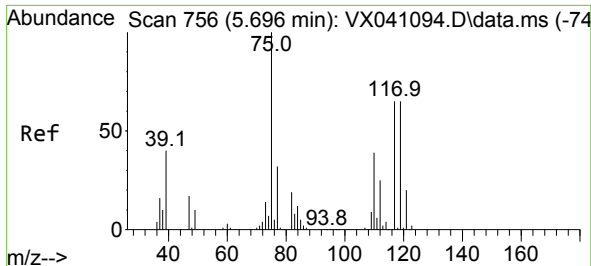
Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 25.3 13.3 19.9#

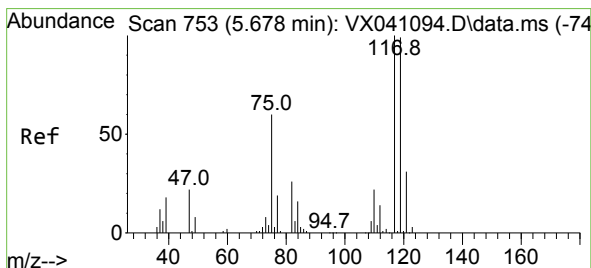
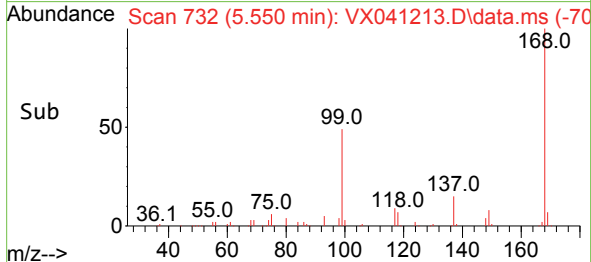
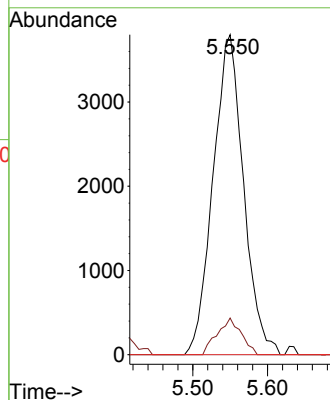
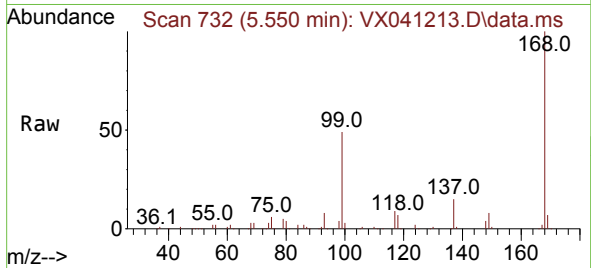




#36
1,1-Dichloropropene
Concen: 4.817 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041213.D
Acq: 23 Apr 2024 13:50

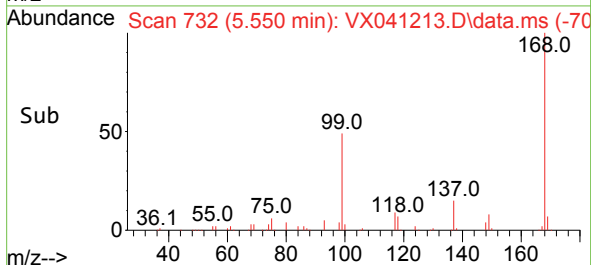
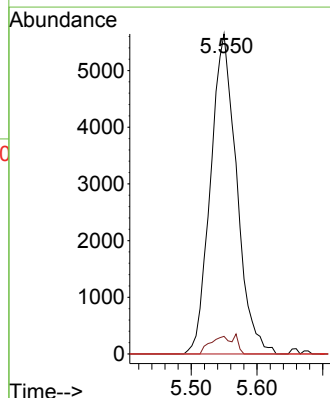
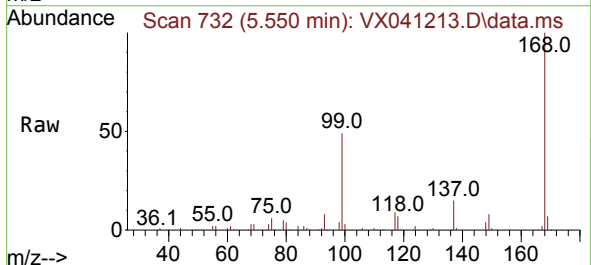
Instrument :
MSVOA_X
ClientSampleId :

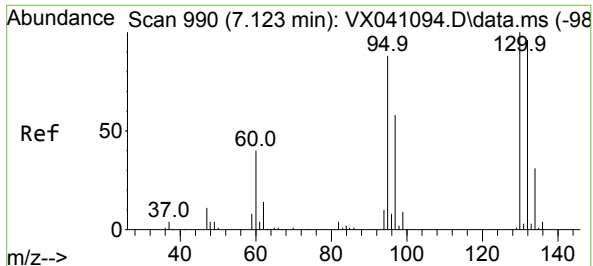
Tgt Ion: 75 Resp: 10756
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.261 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041213.D
Acq: 23 Apr 2024 13:50

Tgt Ion: 117 Resp: 15614
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

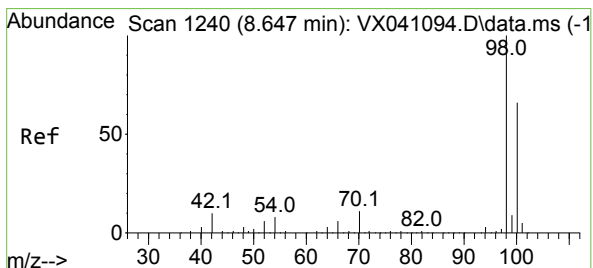
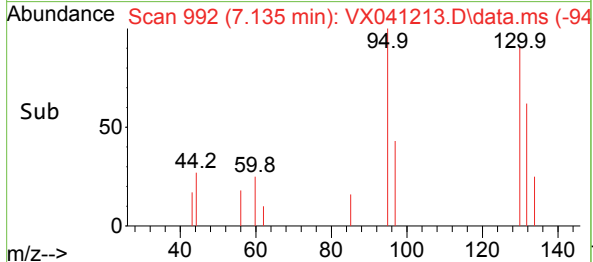
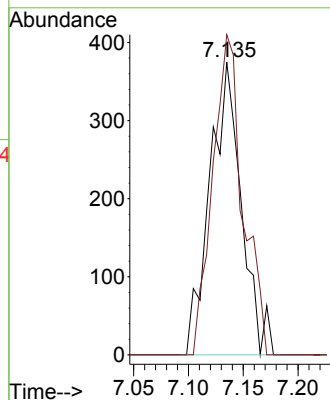
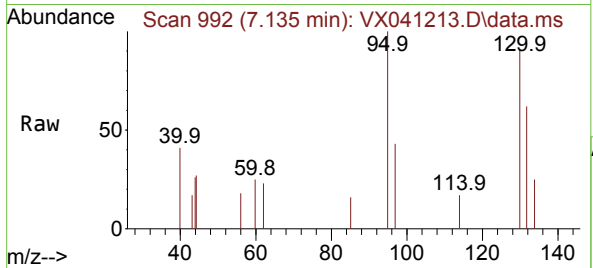




#44
Trichloroethene
Concen: 0.374 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX041213.D
Acq: 23 Apr 2024 13:50

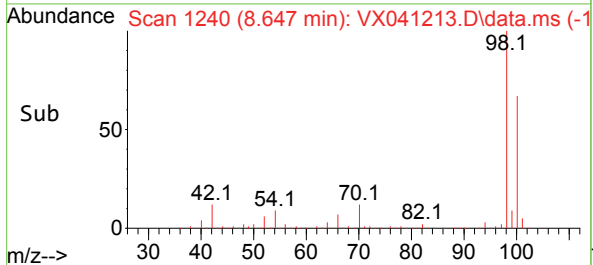
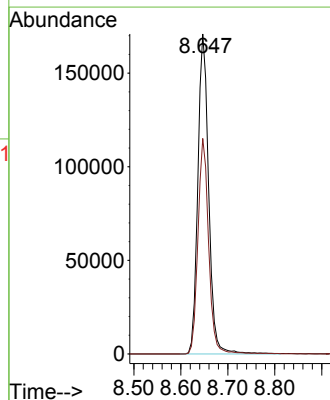
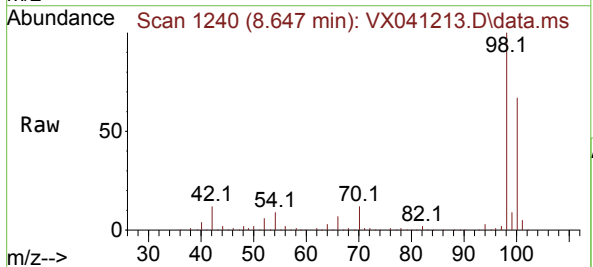
Instrument :
MSVOA_X
ClientSampleId :

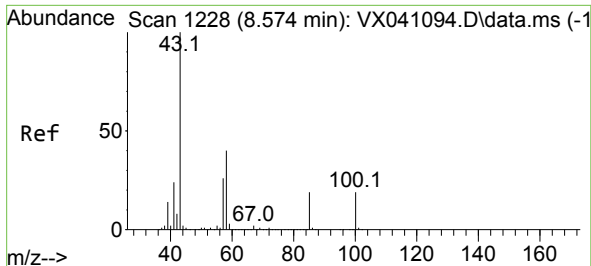
Tgt Ion:130 Resp: 750
Ion Ratio Lower Upper
130 100
95 109.3 0.0 204.4



#50
Toluene-d8
Concen: 46.686 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041213.D
Acq: 23 Apr 2024 13:50

Tgt Ion: 98 Resp: 274884
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

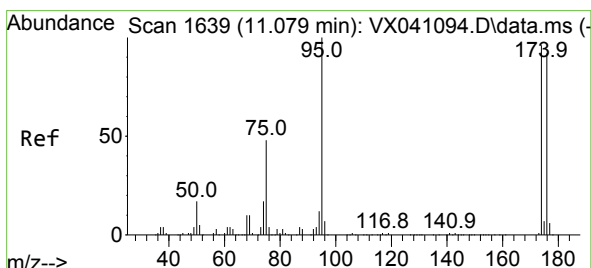
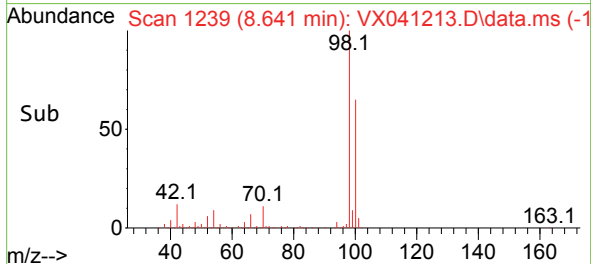
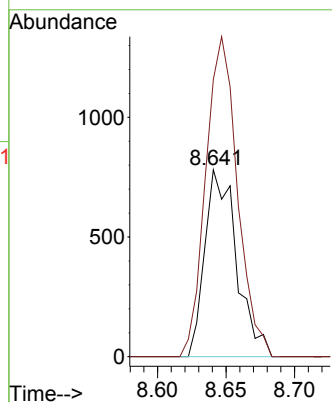
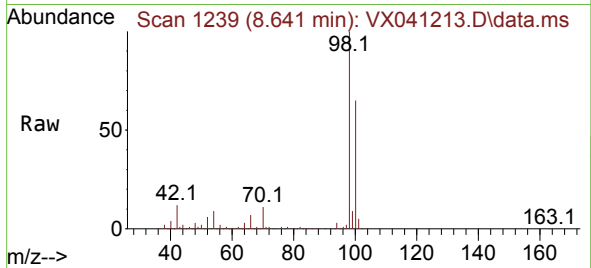




#51
4-Methyl-2-Pentanone
Concen: 0.509 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.061 min
Lab File: VX041213.D
Acq: 23 Apr 2024 13:50

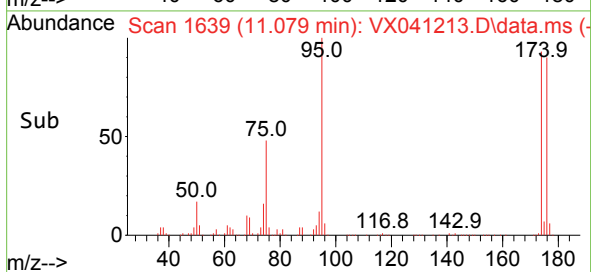
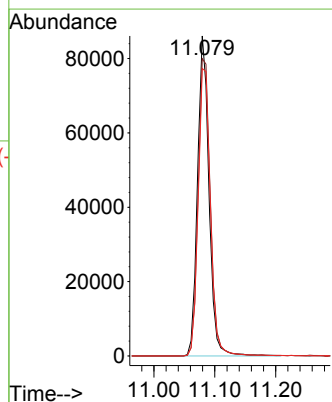
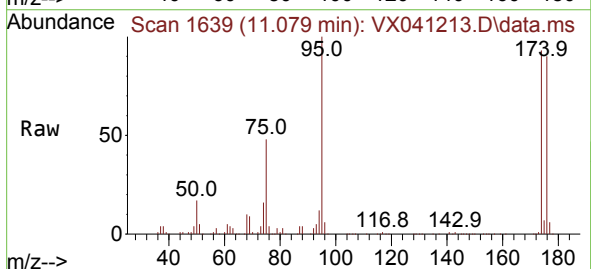
Instrument :
MSVOA_X
ClientSampleId :

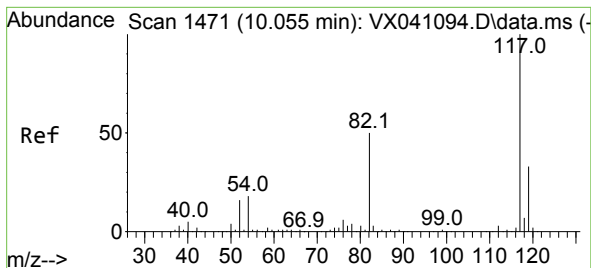
Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
58 171.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.721 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041213.D
Acq: 23 Apr 2024 13:50

Tgt Ion: 95 Resp: 112402
Ion Ratio Lower Upper
95 100
174 99.4 0.0 135.6
176 95.8 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

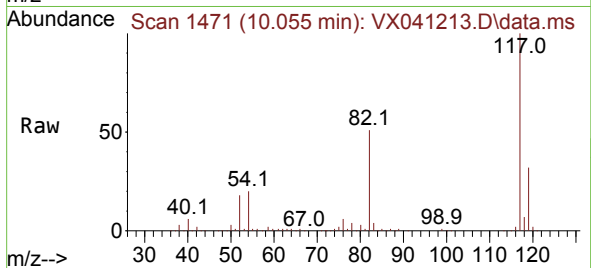
Lab File: VX041213.D

Acq: 23 Apr 2024 13:50

Instrument :

MSVOA_X

ClientSampleId :



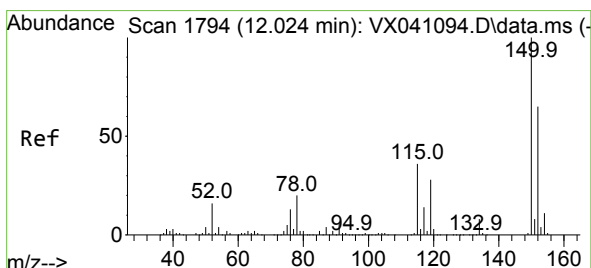
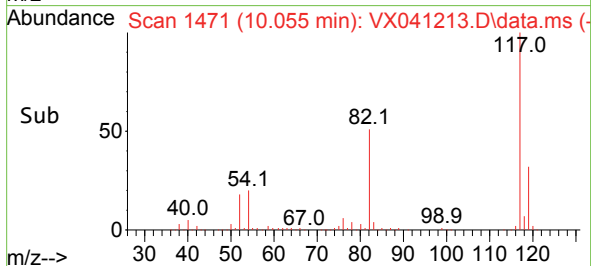
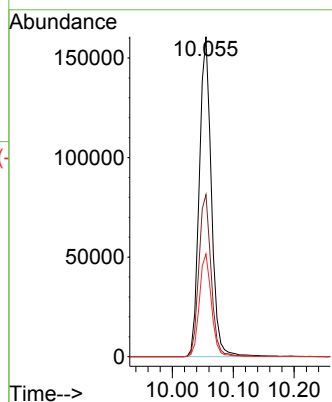
Tgt Ion:117 Resp: 221684

Ion Ratio Lower Upper

117 100

82 50.6 46.2 69.4

119 32.1 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: VX041213.D

Acq: 23 Apr 2024 13:50

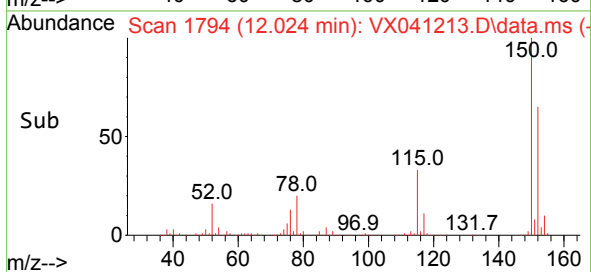
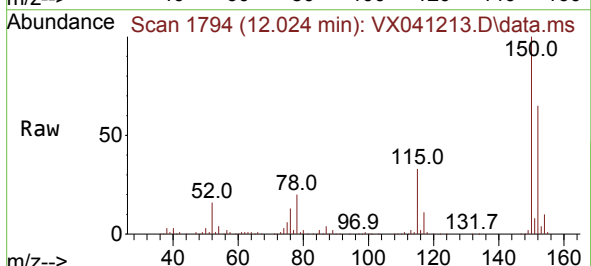
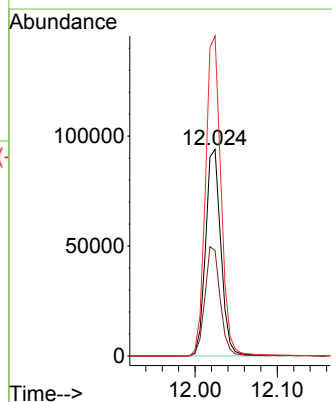
Tgt Ion:152 Resp: 121740

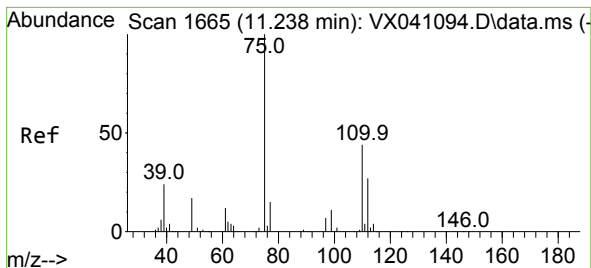
Ion Ratio Lower Upper

152 100

115 52.9 43.3 129.9

150 156.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.654 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041213.D

Acq: 23 Apr 2024 13:50

Instrument :

MSVOA_X

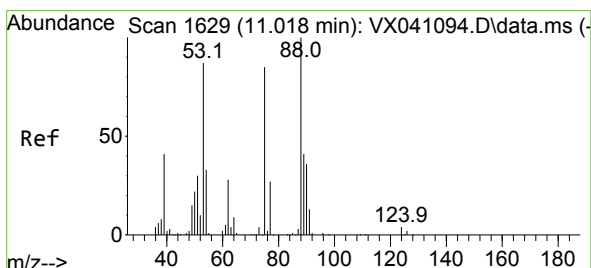
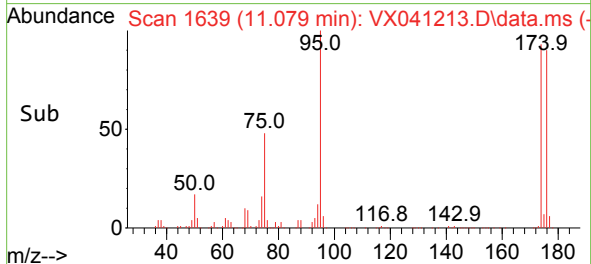
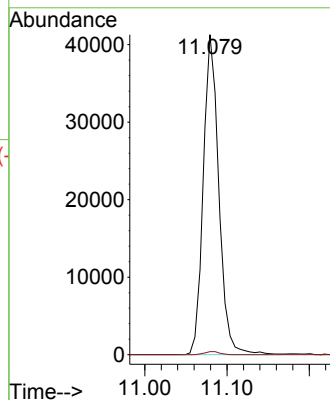
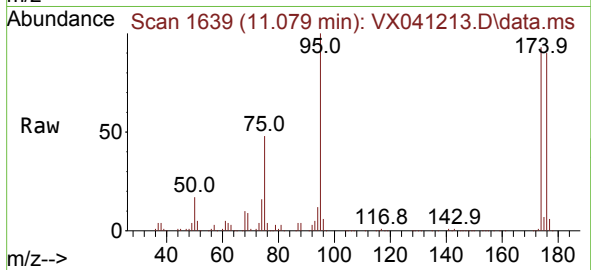
ClientSampleId :

Tgt Ion: 75 Resp: 54241

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.019 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041213.D

Acq: 23 Apr 2024 13:50

Tgt Ion: 75 Resp: 54241

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

