

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
 Data File : VX041214.D
 Acq On : 23 Apr 2024 14:13
 Operator : JC/MD
 Sample : P2233-01DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 24 01:47:14 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)

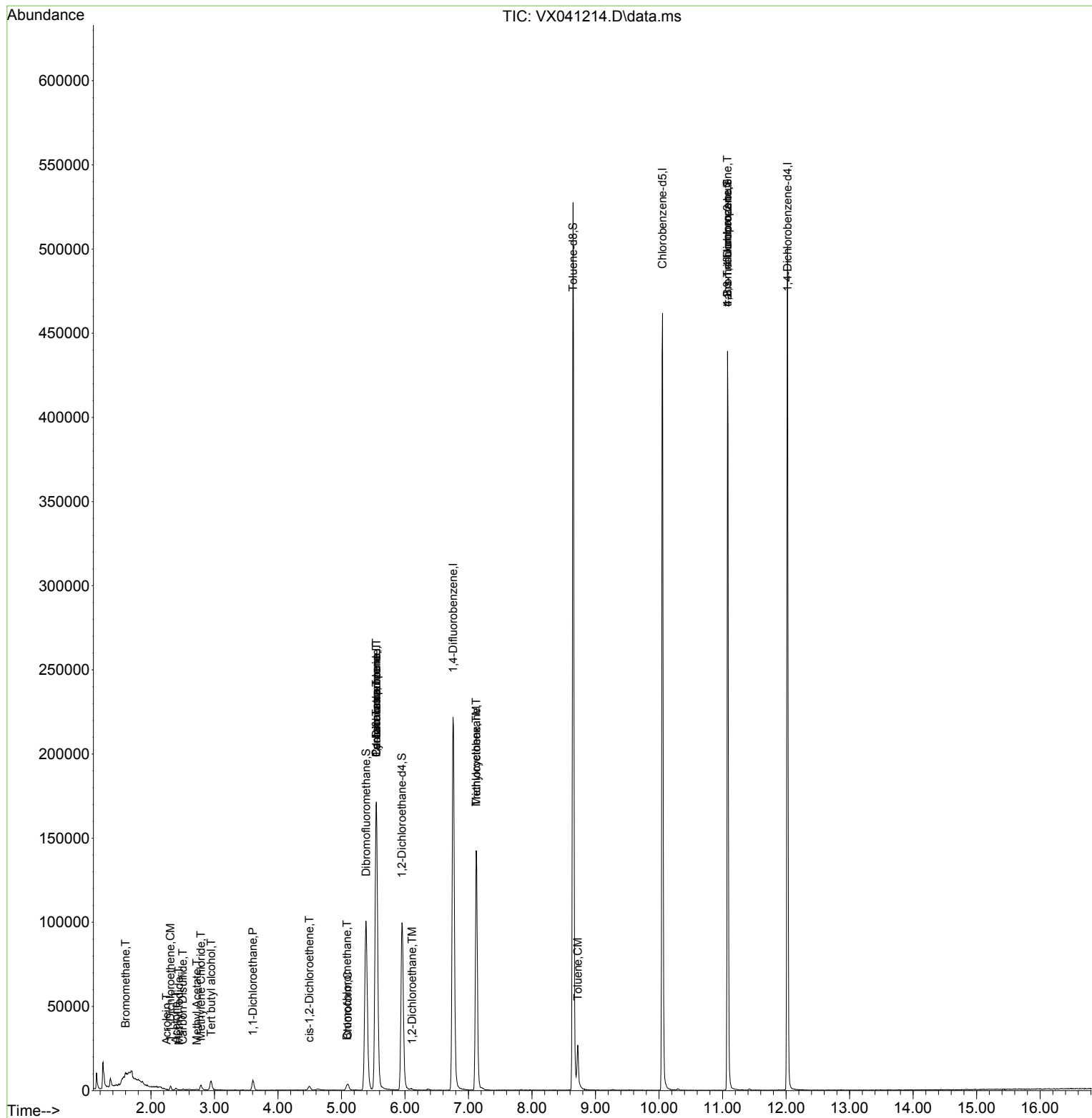
Internal Standards						
1) Pentafluorobenzene	5.550	168	193100	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	246002	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99054	53.888	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.780%	
35) Dibromofluoromethane	5.385	113	87510	58.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.960%	
50) Toluene-d8	8.647	98	322362	63.851	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 127.700%#	
62) 4-Bromofluorobenzene	11.079	95	111139	59.641	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	858	0.922	ug/l	# 71
10) Methyl Iodide	2.441	142	478	0.263	ug/l	# 66
11) Tert butyl alcohol	2.947	59	3538	10.744	ug/l	# 78
12) 1,1-Dichloroethene	2.306	96	735	0.522	ug/l	85
13) Acrolein	2.245	56	262	0.709	ug/l	# 14
16) Acetone	2.392	43	1336	1.997	ug/l	# 79
17) Carbon Disulfide	2.502	76	916	0.312	ug/l	# 76
18) Methyl Acetate	2.721	43	484	0.245	ug/l	# 53
20) Methylene Chloride	2.788	84	1785	1.092	ug/l	86
24) 1,1-Dichloroethane	3.605	63	6808	2.464	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	1570	0.814	ug/l	80
28) Bromochloromethane	5.086	49	345	0.329	ug/l	# 16
30) Chloroform	5.099	83	4753	1.603	ug/l	95
31) Cyclohexane	5.550	56	2620	1.059	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	11017	5.754	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	16533	7.731	ug/l	# 14
39) Methylcyclohexane	7.123	83	641	0.252	ug/l	# 1
42) 1,2-Dichloroethane	6.111	62	990	0.483	ug/l	90
44) Trichloroethene	7.123	130	59478	34.597	ug/l	84
52) Toluene	8.720	92	9881	2.652	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	53860	27.759	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	53860	78.316	ug/l	# 5

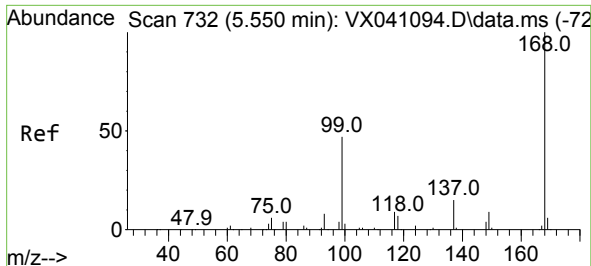
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
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Sample : P2233-01DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

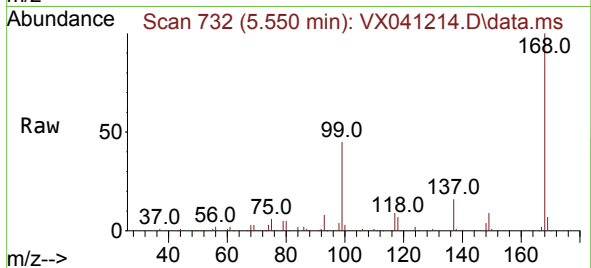
Quant Time: Apr 24 01:47:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration



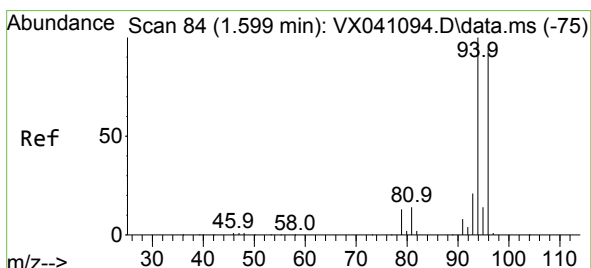
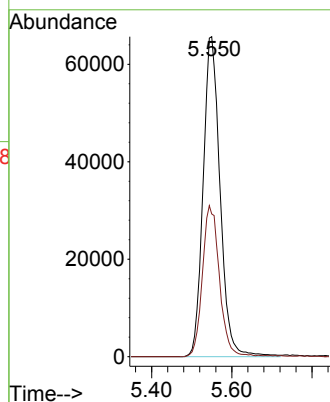
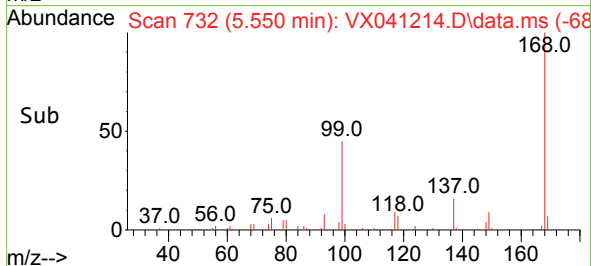


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

Instrument :
MSVOA_X
ClientSampleId :

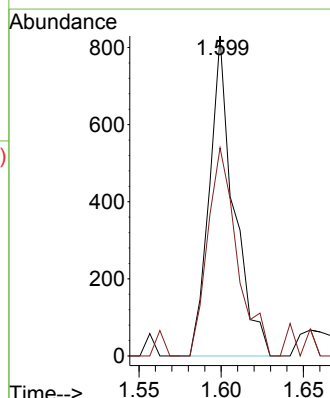
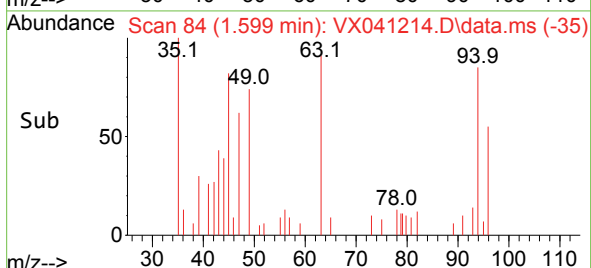
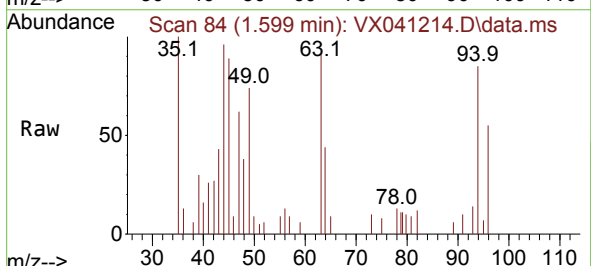


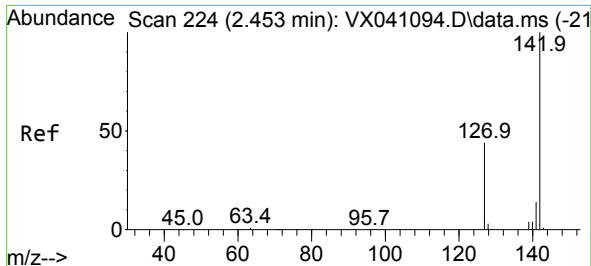
Tgt Ion:168 Resp: 193100
Ion Ratio Lower Upper
168 100
99 44.6 56.6 85.0#



#5
Bromomethane
Concen: 0.922 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

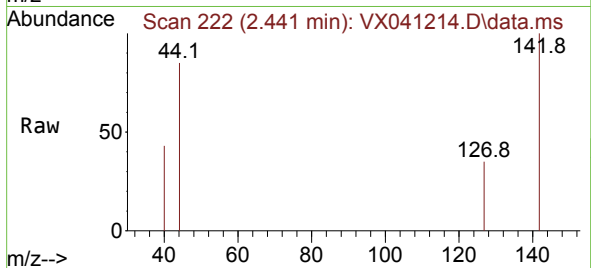
Tgt Ion: 94 Resp: 858
Ion Ratio Lower Upper
94 100
96 65.1 74.6 111.8#



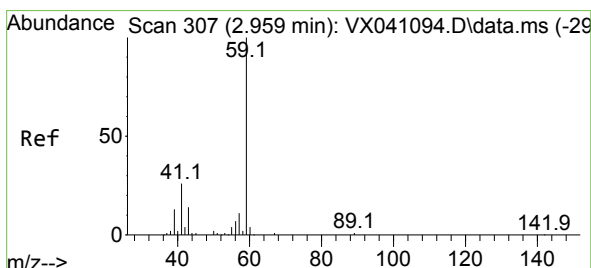
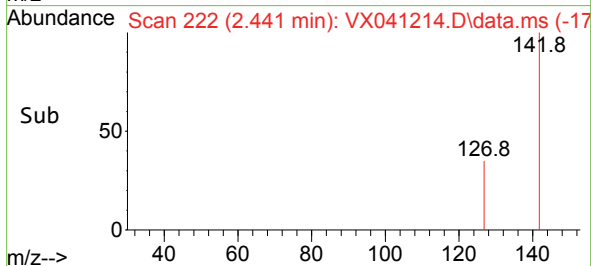
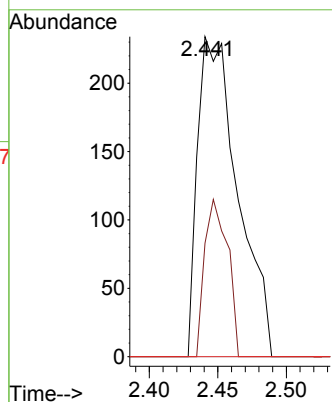


#10
Methyl Iodide
Concen: 0.263 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

Instrument :
MSVOA_X
ClientSampleId :

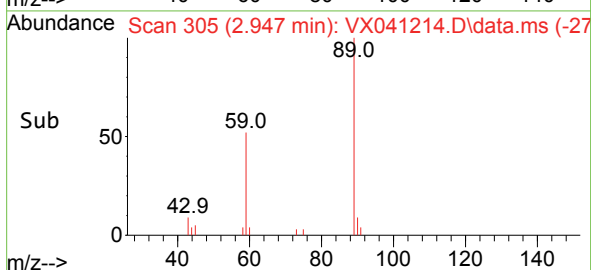
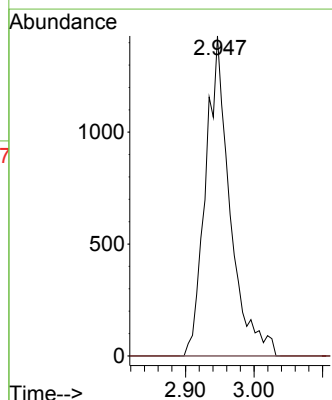
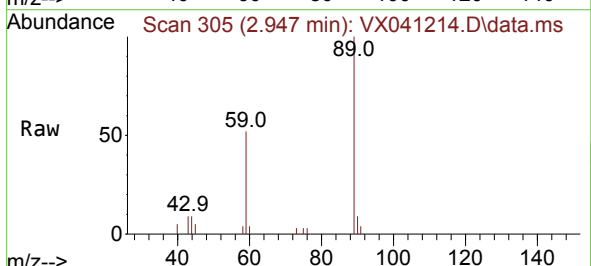


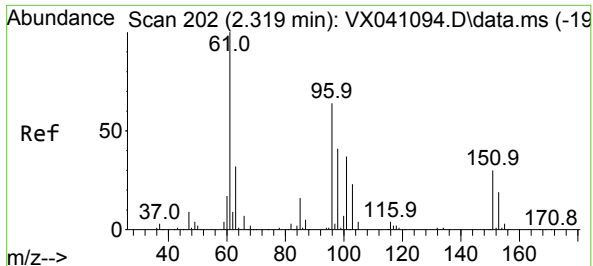
Tgt Ion:142 Resp: 478
Ion Ratio Lower Upper
142 100
127 28.2 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 10.744 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.116 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

Tgt Ion: 59 Resp: 3538
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.522 ug/l

RT: 2.306 min Scan# 20

Delta R.T. -0.000 min

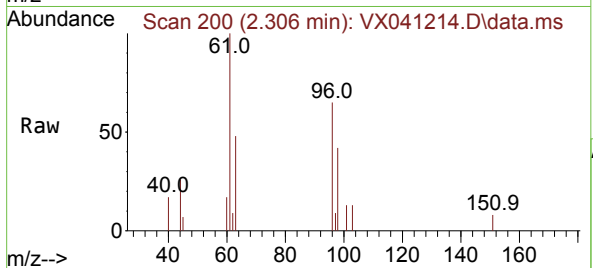
Lab File: VX041214.D

Acq: 23 Apr 2024 14:13

Instrument :

MSVOA_X

ClientSampleId :



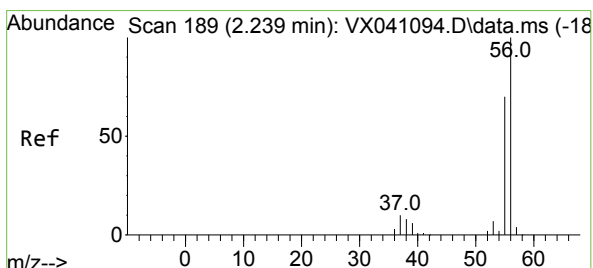
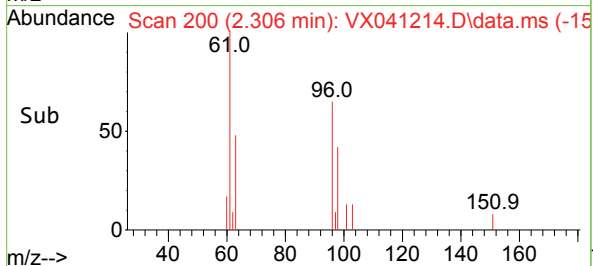
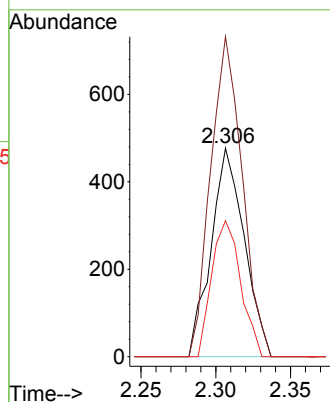
Tgt Ion: 96 Resp: 735

Ion Ratio Lower Upper

96 100

61 153.5 144.6 216.8

98 65.2 50.4 75.6



#13

Acrolein

Concen: 0.709 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX041214.D

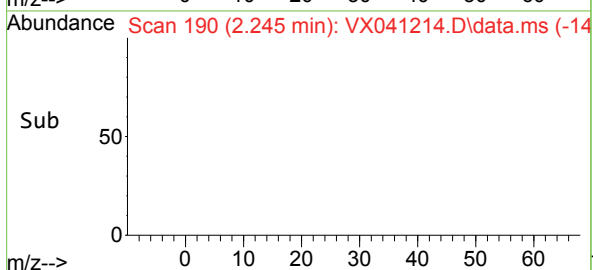
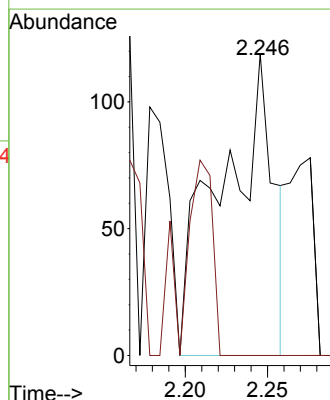
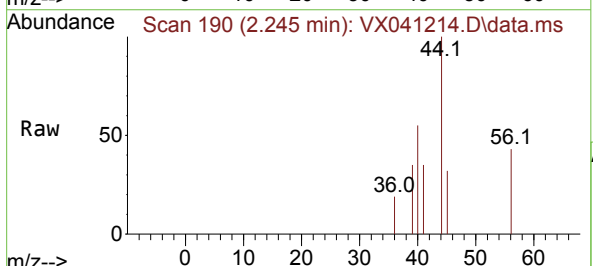
Acq: 23 Apr 2024 14:13

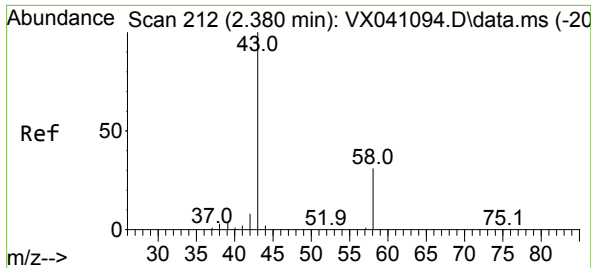
Tgt Ion: 56 Resp: 262

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

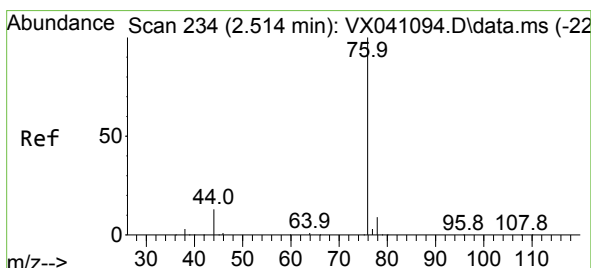
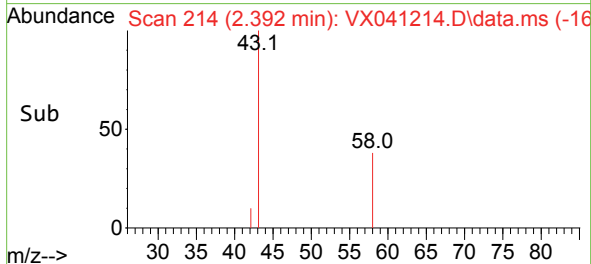
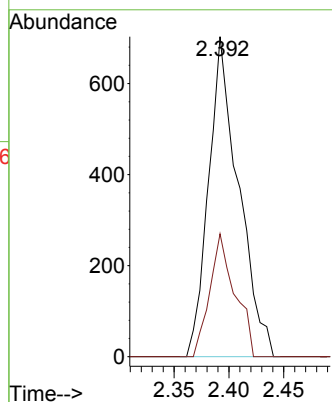
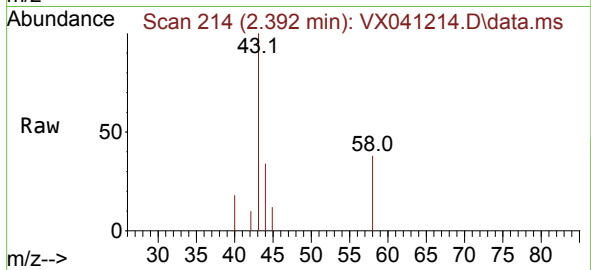




#16
Acetone
Concen: 1.997 ug/l
RT: 2.392 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

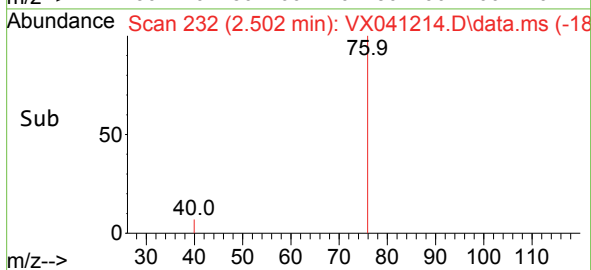
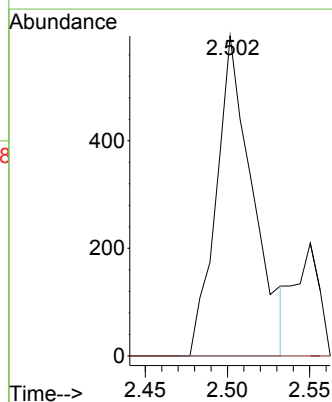
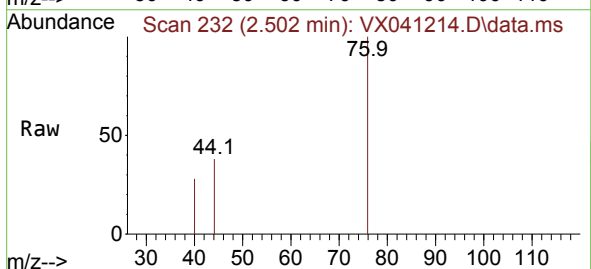
Instrument :
MSVOA_X
ClientSampleId :

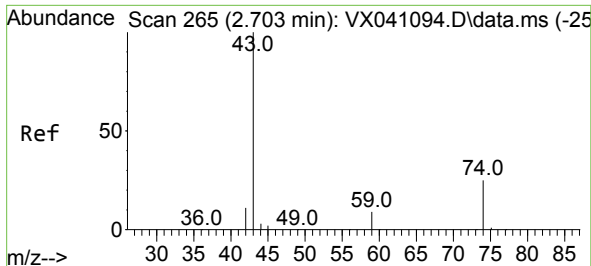
Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
58 38.4 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.312 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

Tgt Ion: 76 Resp: 916
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#18

Methyl Acetate

Concen: 0.245 ug/l

RT: 2.721 min Scan# 2

Delta R.T. 0.012 min

Lab File: VX041214.D

Acq: 23 Apr 2024 14:13

Instrument :

MSVOA_X

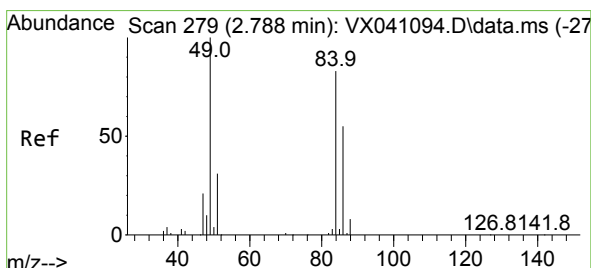
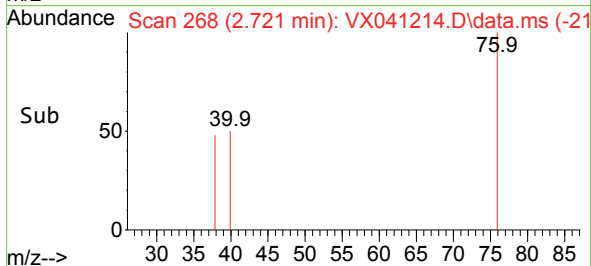
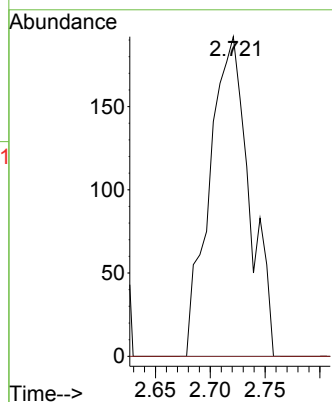
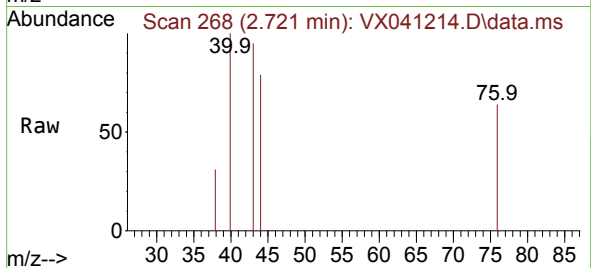
ClientSampleId :

Tgt Ion: 43 Resp: 484

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#20

Methylene Chloride

Concen: 1.092 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX041214.D

Acq: 23 Apr 2024 14:13

Tgt Ion: 84 Resp: 1785

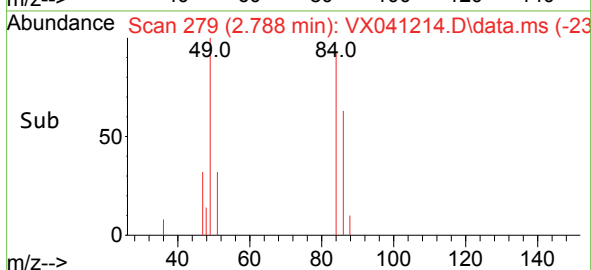
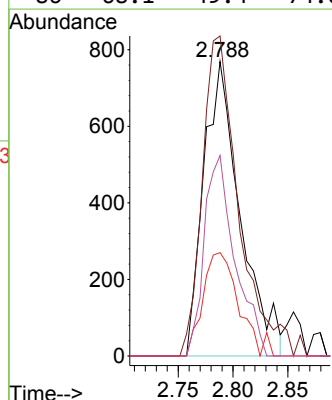
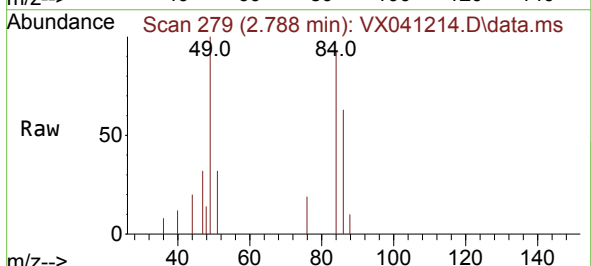
Ion Ratio Lower Upper

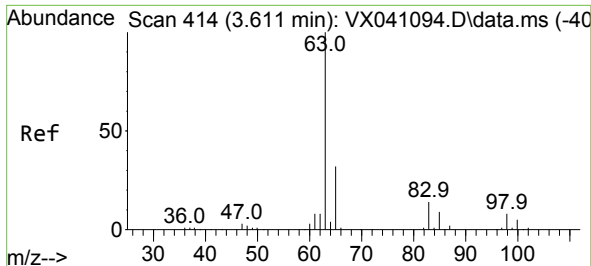
84 100

49 108.7 103.6 155.4

51 35.1 33.8 50.6

86 68.1 49.4 74.0

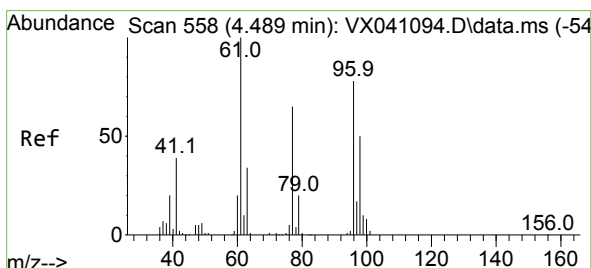
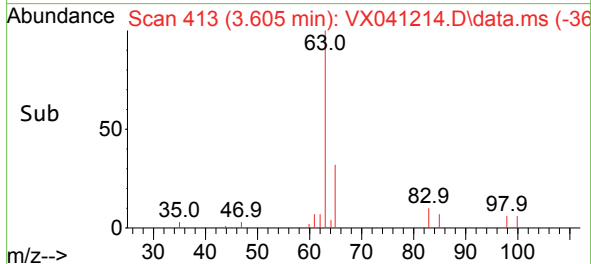
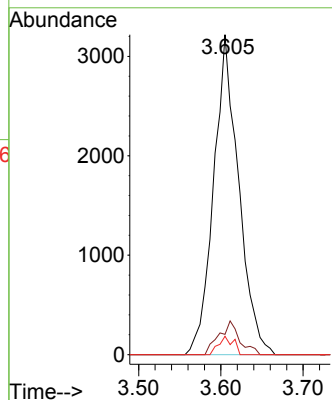
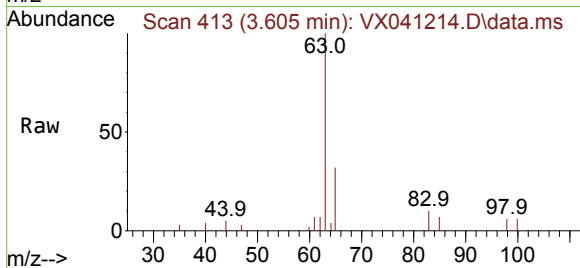




#24
1,1-Dichloroethane
Concen: 2.464 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

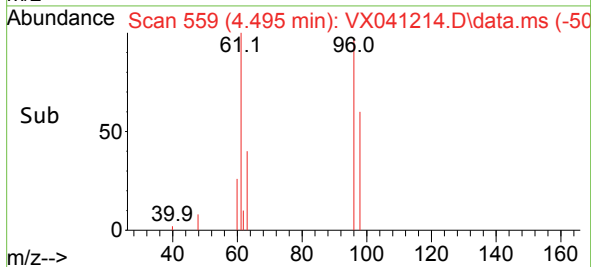
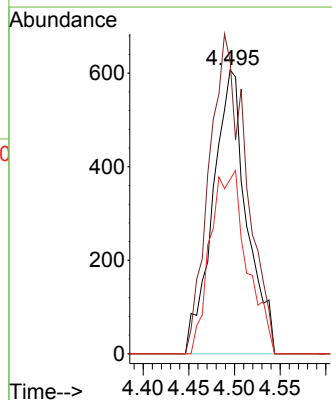
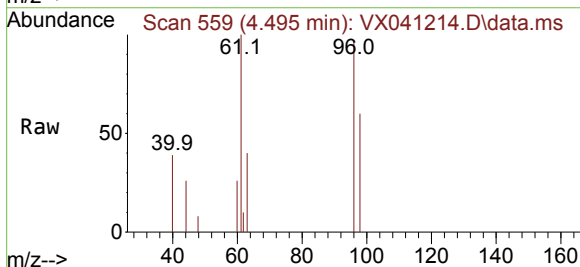
Instrument :
MSVOA_X
ClientSampleId :

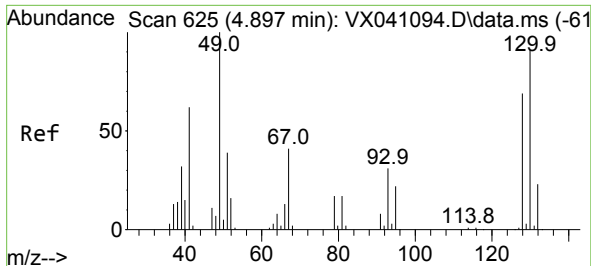
Tgt Ion: 63 Resp: 6808
Ion Ratio Lower Upper
63 100
98 6.3 3.3 9.8
100 5.7 2.1 6.5



#27
cis-1,2-Dichloroethene
Concen: 0.814 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

Tgt Ion: 96 Resp: 1570
Ion Ratio Lower Upper
96 100
61 122.7 0.0 312.2
98 69.8 0.0 129.0





#28

Bromochloromethane

Concen: 0.329 ug/l

RT: 5.086 min Scan# 61

Delta R.T. 0.183 min

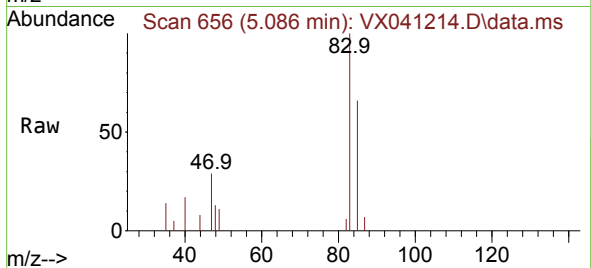
Lab File: VX041214.D

Acq: 23 Apr 2024 14:13

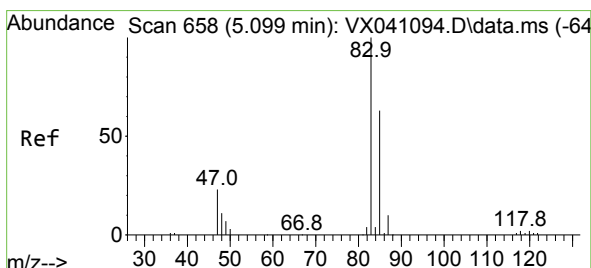
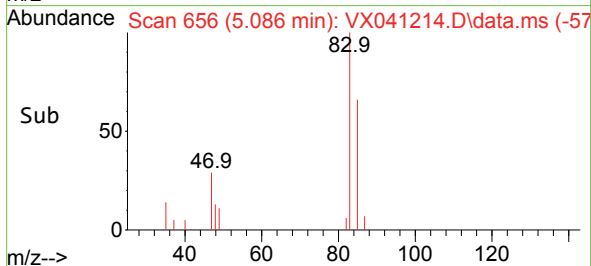
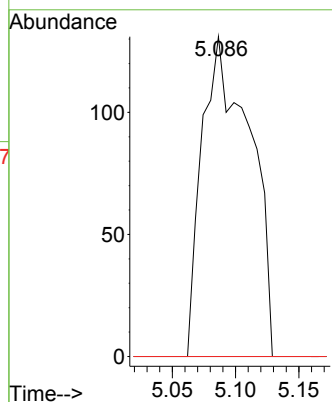
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 49	Resp: 345
Ion Ratio	Lower Upper
49	100
129	0.0 0.0 3.8
130	0.0 57.5 86.3#



#30

Chloroform

Concen: 1.603 ug/l

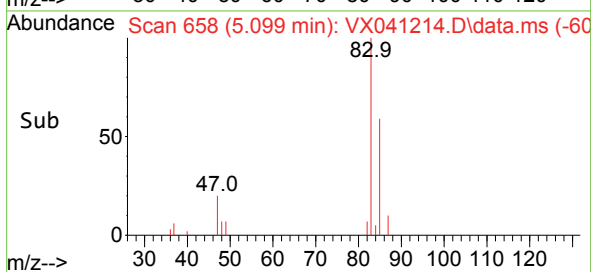
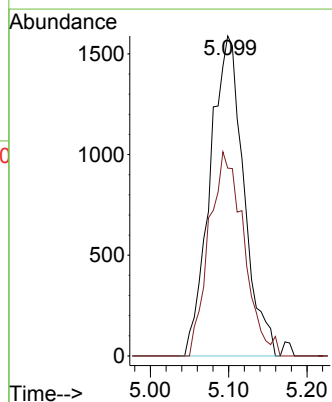
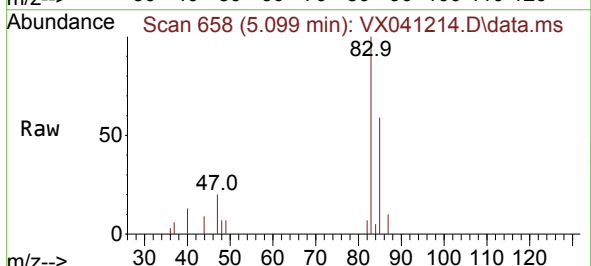
RT: 5.099 min Scan# 658

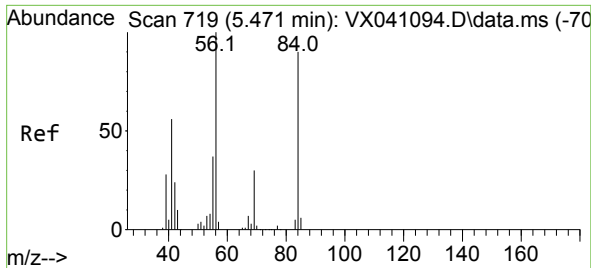
Delta R.T. 0.006 min

Lab File: VX041214.D

Acq: 23 Apr 2024 14:13

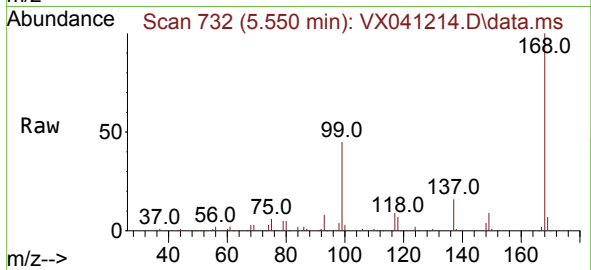
Tgt Ion: 83	Resp: 4753
Ion Ratio	Lower Upper
83	100
85	58.7 50.3 75.5



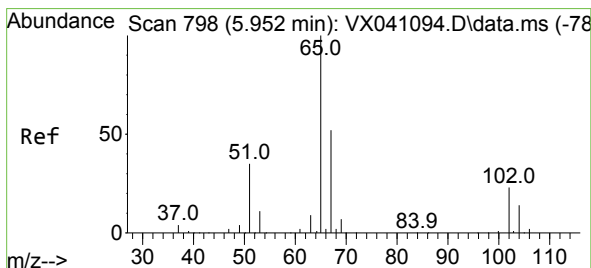
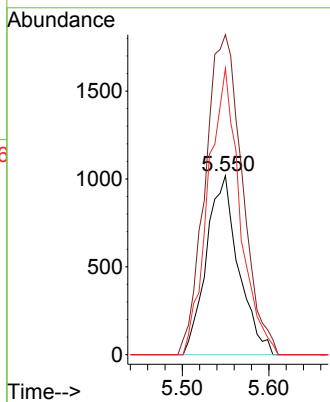
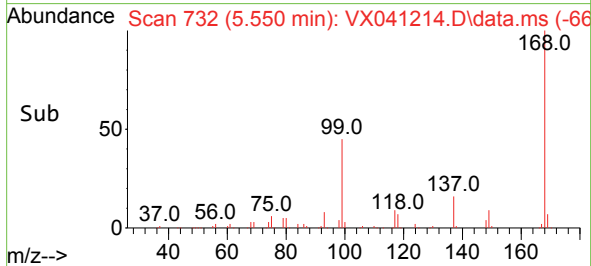


#31
Cyclohexane
Concen: 1.059 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

Instrument :
MSVOA_X
ClientSampleId :

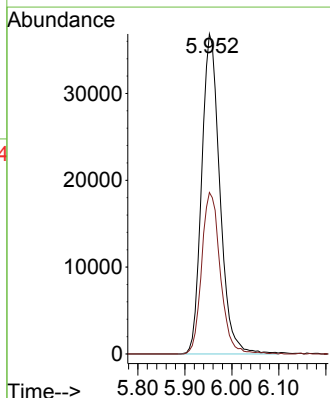
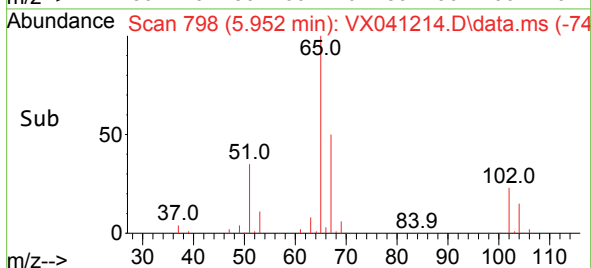
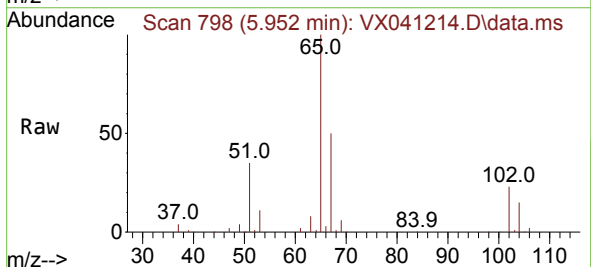


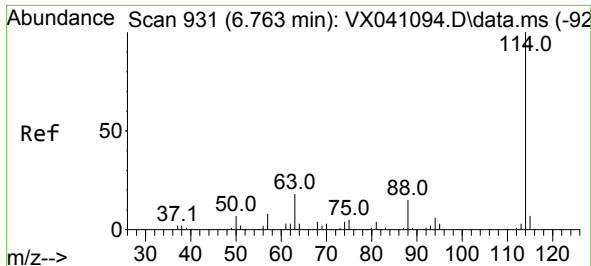
Tgt Ion: 56 Resp: 2620
Ion Ratio Lower Upper
56 100
69 178.7 23.4 35.2#
84 160.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 53.888 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

Tgt Ion: 65 Resp: 99054
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

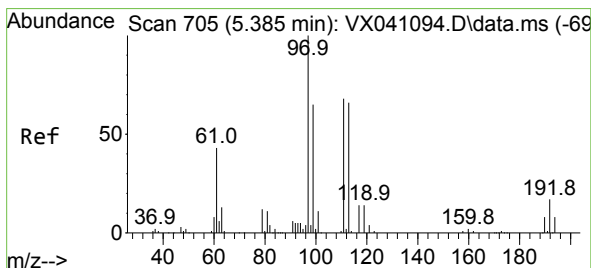
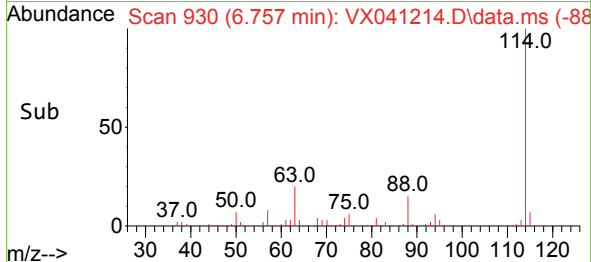
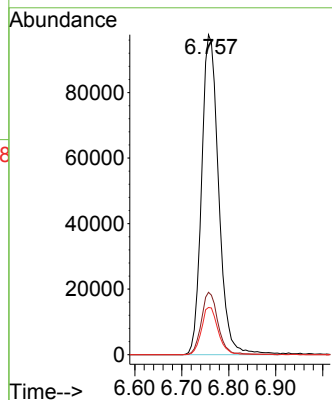
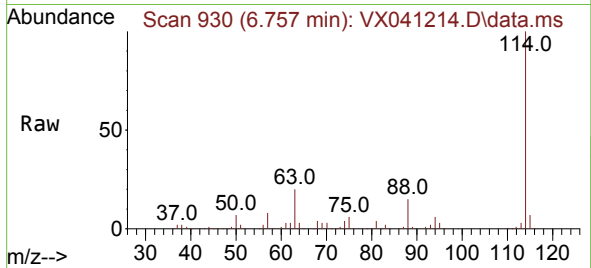




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

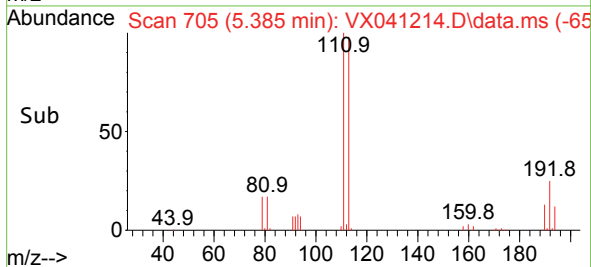
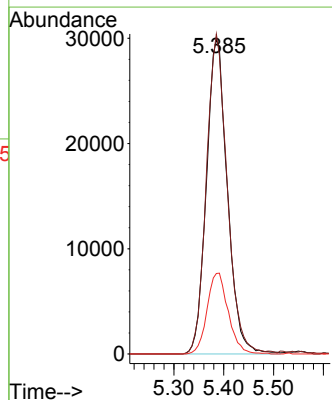
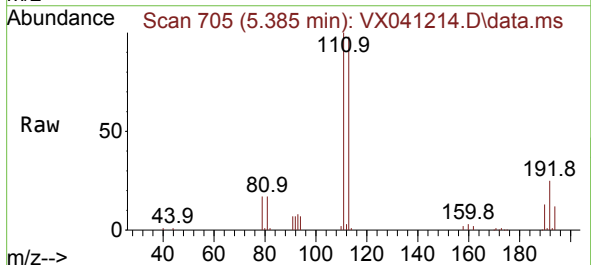
Instrument :
MSVOA_X
ClientSampleId :

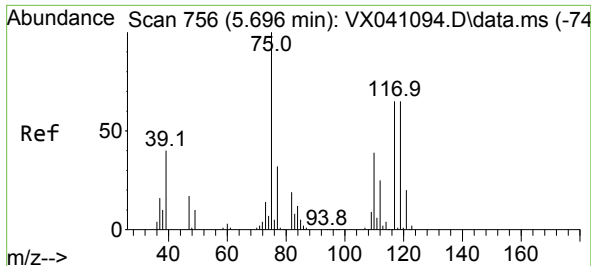
Tgt Ion:114 Resp: 246002
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 58.480 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

Tgt Ion:113 Resp: 87510
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 25.8 13.3 19.9#

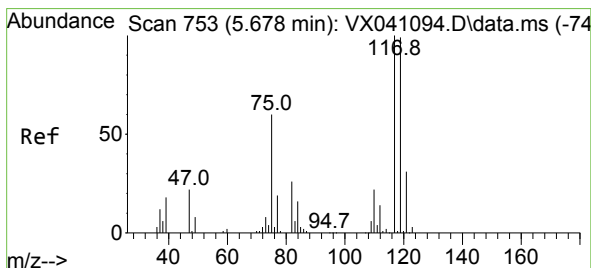
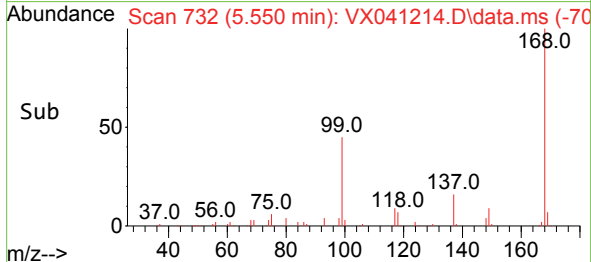
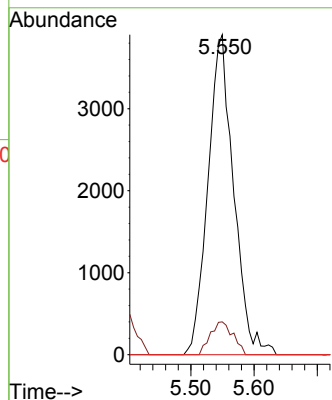
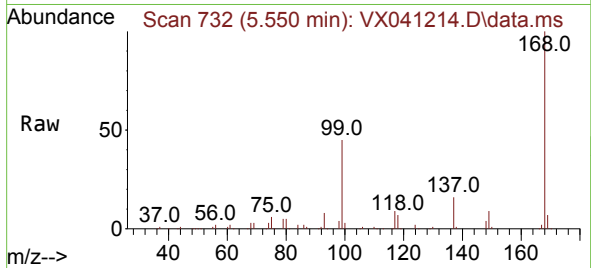




#36
1,1-Dichloropropene
Concen: 5.754 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

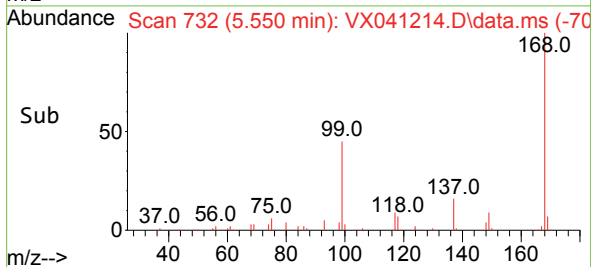
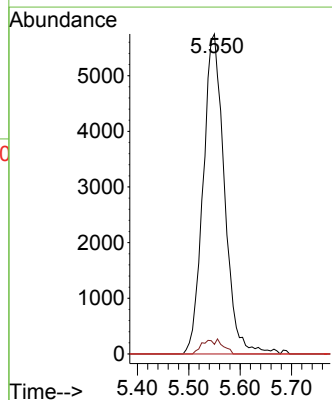
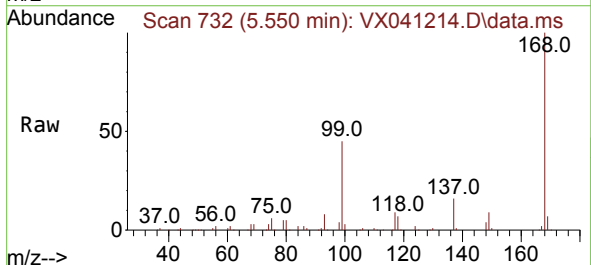
Instrument :
MSVOA_X
ClientSampleId :

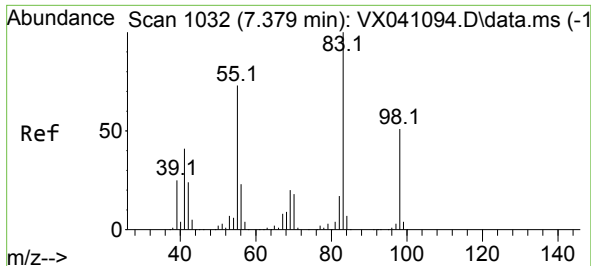
Tgt Ion: 75 Resp: 11017
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.731 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

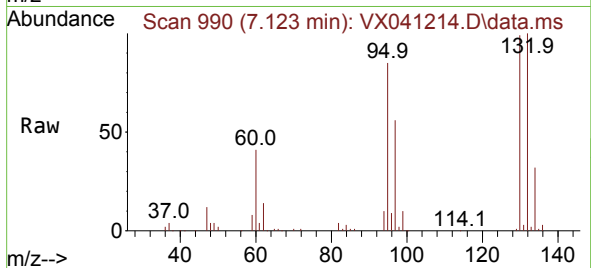
Tgt Ion: 117 Resp: 16533
Ion Ratio Lower Upper
117 100
119 3.0 78.2 117.2#
121 0.0 24.4 36.6#



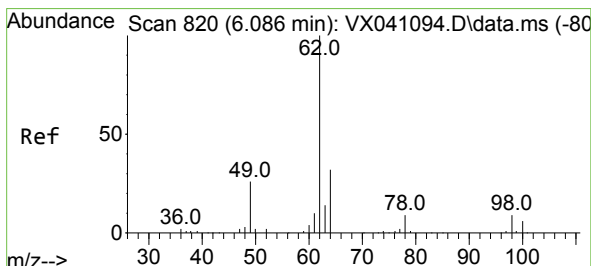
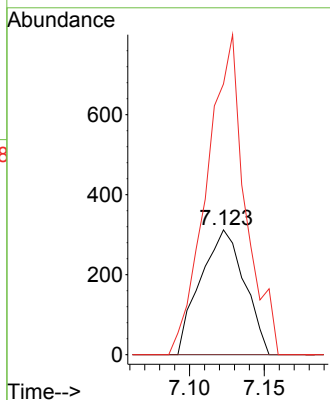
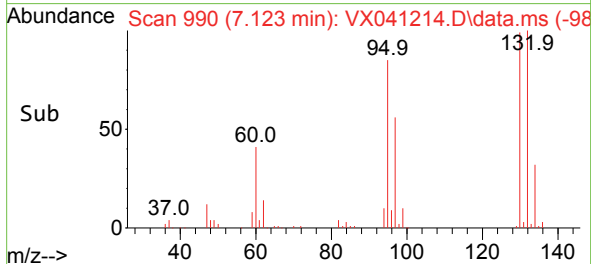


#39
Methylcyclohexane
Concen: 0.252 ug/l
RT: 7.123 min Scan# 91
Delta R.T. -0.250 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

Instrument :
MSVOA_X
ClientSampleId :

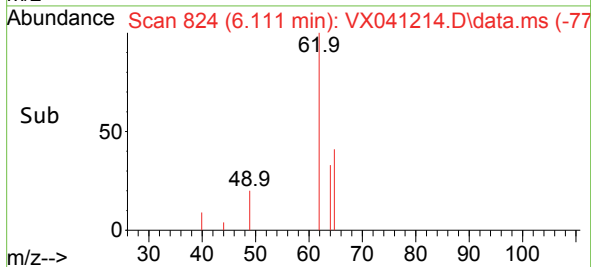
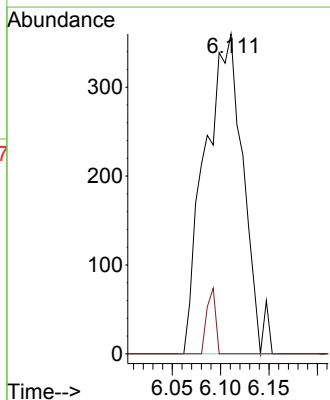
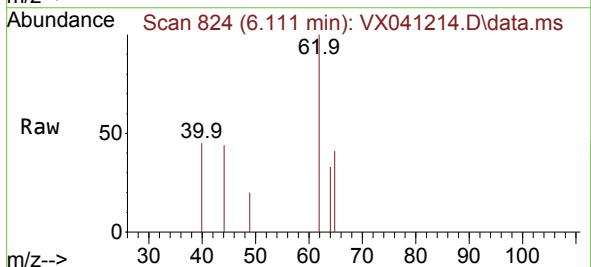


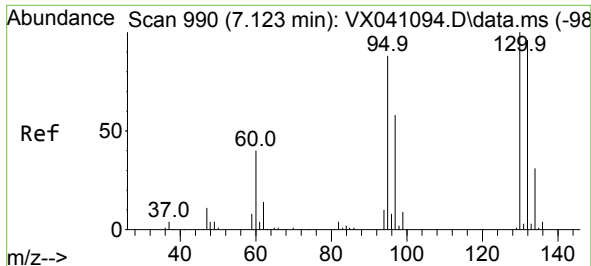
Tgt Ion: 83 Resp: 641
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 217.0 36.7 55.1#



#42
1,2-Dichloroethane
Concen: 0.483 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.024 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

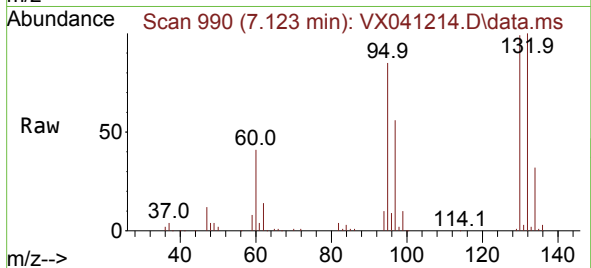
Tgt Ion: 62 Resp: 990
Ion Ratio Lower Upper
62 100
98 4.6 0.0 16.0



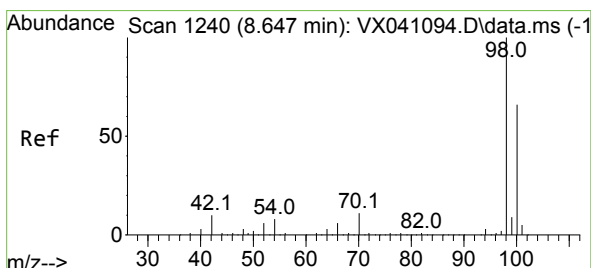
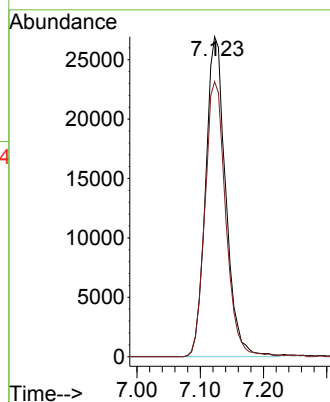
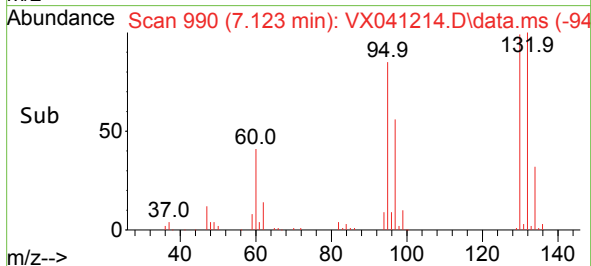


#44
Trichloroethene
Concen: 34.597 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

Instrument :
MSVOA_X
ClientSampleId :

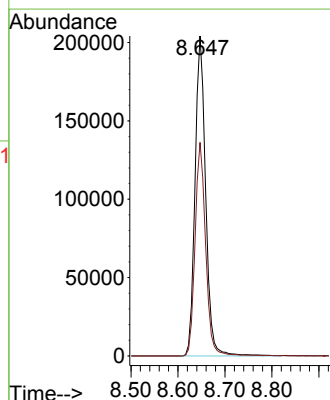
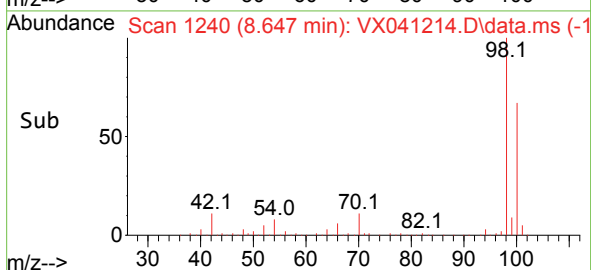
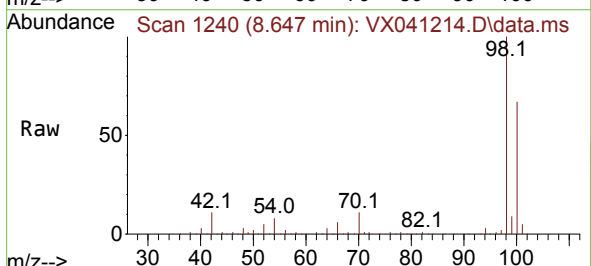


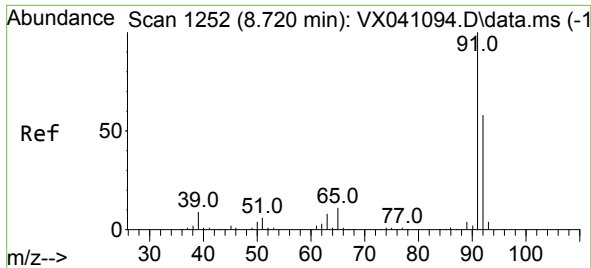
Tgt Ion:130 Resp: 59478
Ion Ratio Lower Upper
130 100
95 86.0 0.0 204.4



#50
Toluene-d8
Concen: 63.851 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

Tgt Ion: 98 Resp: 322362
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

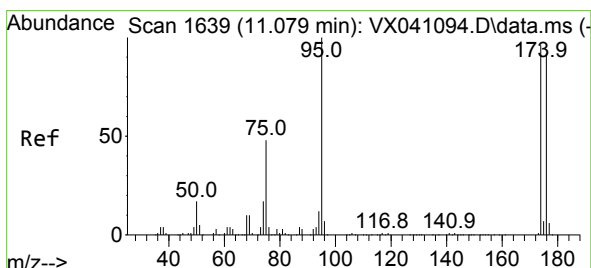
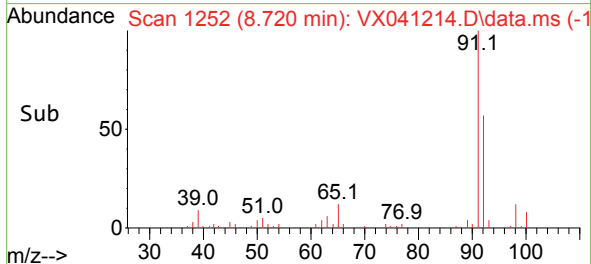
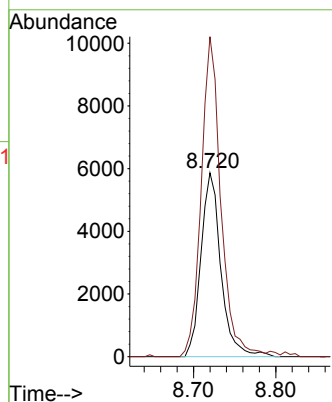
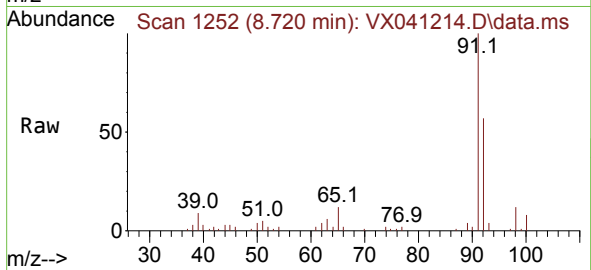




#52
Toluene
Concen: 2.652 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

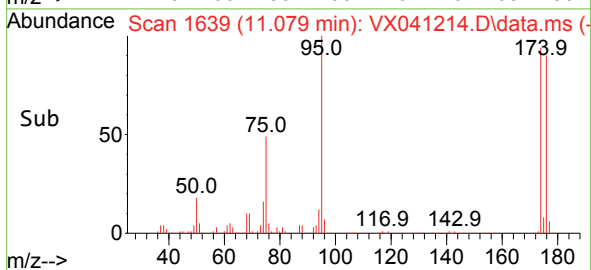
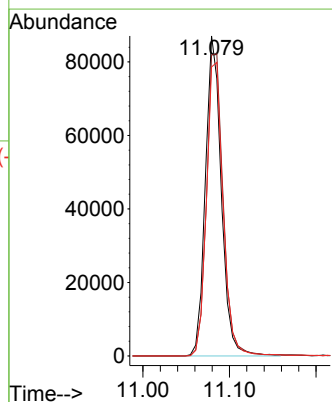
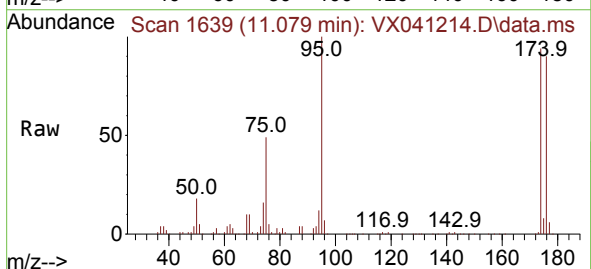
Instrument :
MSVOA_X
ClientSampleId :

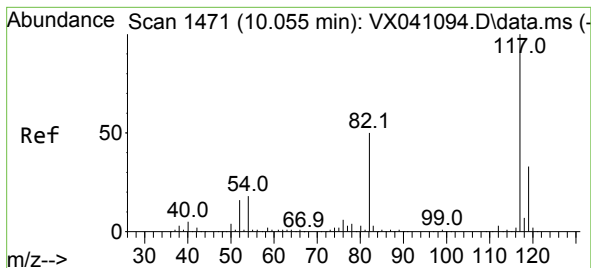
Tgt Ion: 92 Resp: 9881
Ion Ratio Lower Upper
92 100
91 171.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 59.641 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041214.D
Acq: 23 Apr 2024 14:13

Tgt Ion: 95 Resp: 111139
Ion Ratio Lower Upper
95 100
174 99.2 0.0 135.6
176 96.0 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: VX041214.D

Acq: 23 Apr 2024 14:13

Instrument :

MSVOA_X

ClientSampleId :

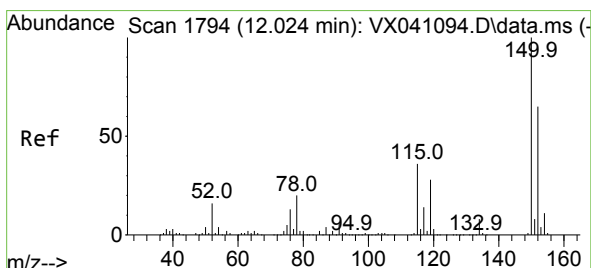
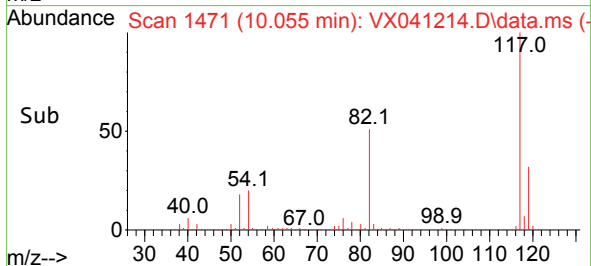
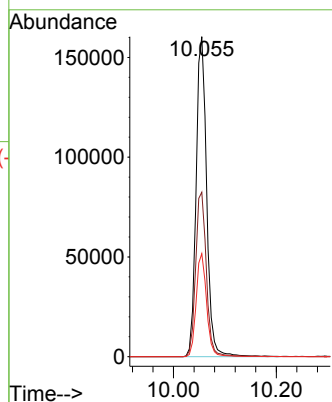
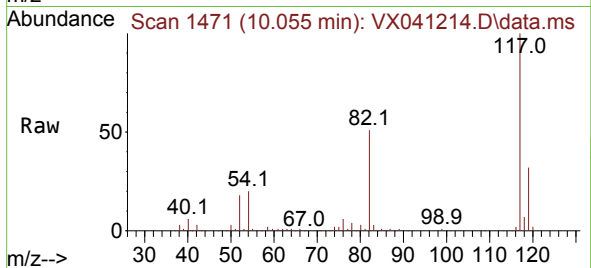
Tgt Ion:117 Resp: 228916

Ion Ratio Lower Upper

117 100

82 51.4 46.2 69.4

119 32.2 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: VX041214.D

Acq: 23 Apr 2024 14:13

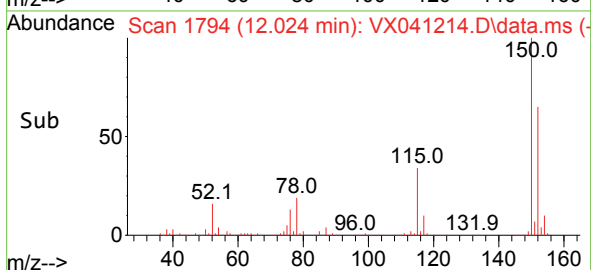
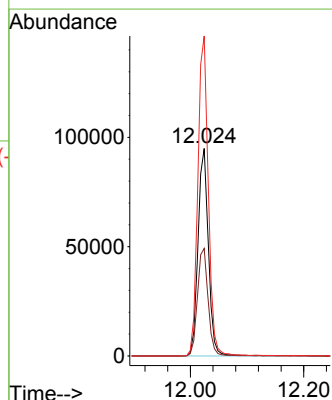
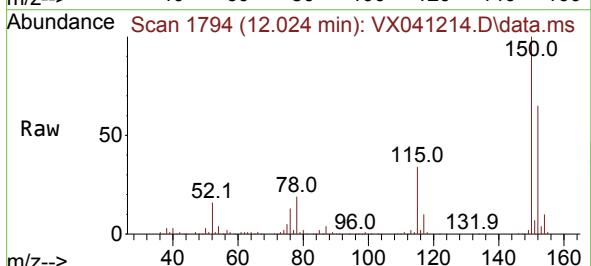
Tgt Ion:152 Resp: 120427

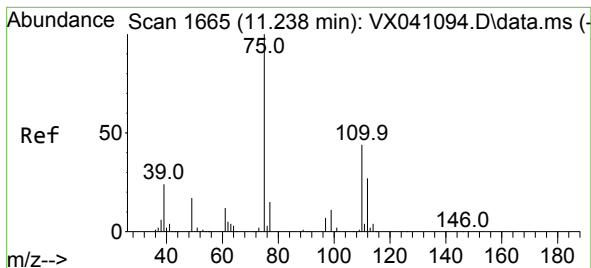
Ion Ratio Lower Upper

152 100

115 53.2 43.3 129.9

150 155.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.759 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041214.D

Acq: 23 Apr 2024 14:13

Instrument :

MSVOA_X

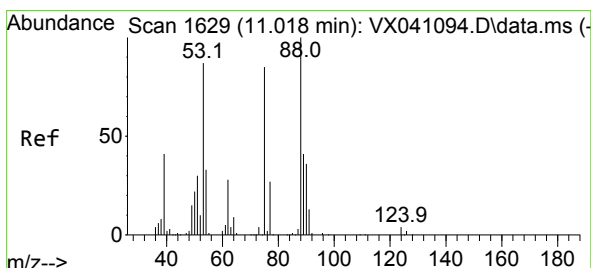
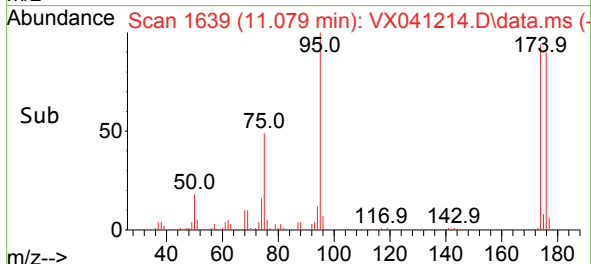
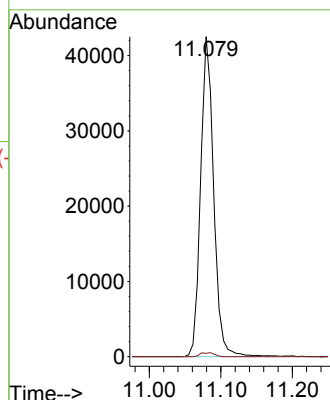
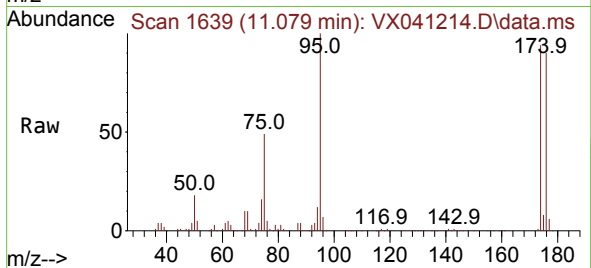
ClientSampleId :

Tgt Ion: 75 Resp: 53860

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.316 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041214.D

Acq: 23 Apr 2024 14:13

Tgt Ion: 75 Resp: 53860

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

