

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
 Data File : VX041211.D
 Acq On : 23 Apr 2024 13:04
 Operator : JC/MD
 Sample : P2207-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 24 01:45:58 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	221635	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	323470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156091	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	114481	54.262	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.520%
35) Dibromofluoromethane	5.385	113	101790	51.732	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.460%
50) Toluene-d8	8.647	98	323332	48.705	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.079	95	135250	55.198	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.400%

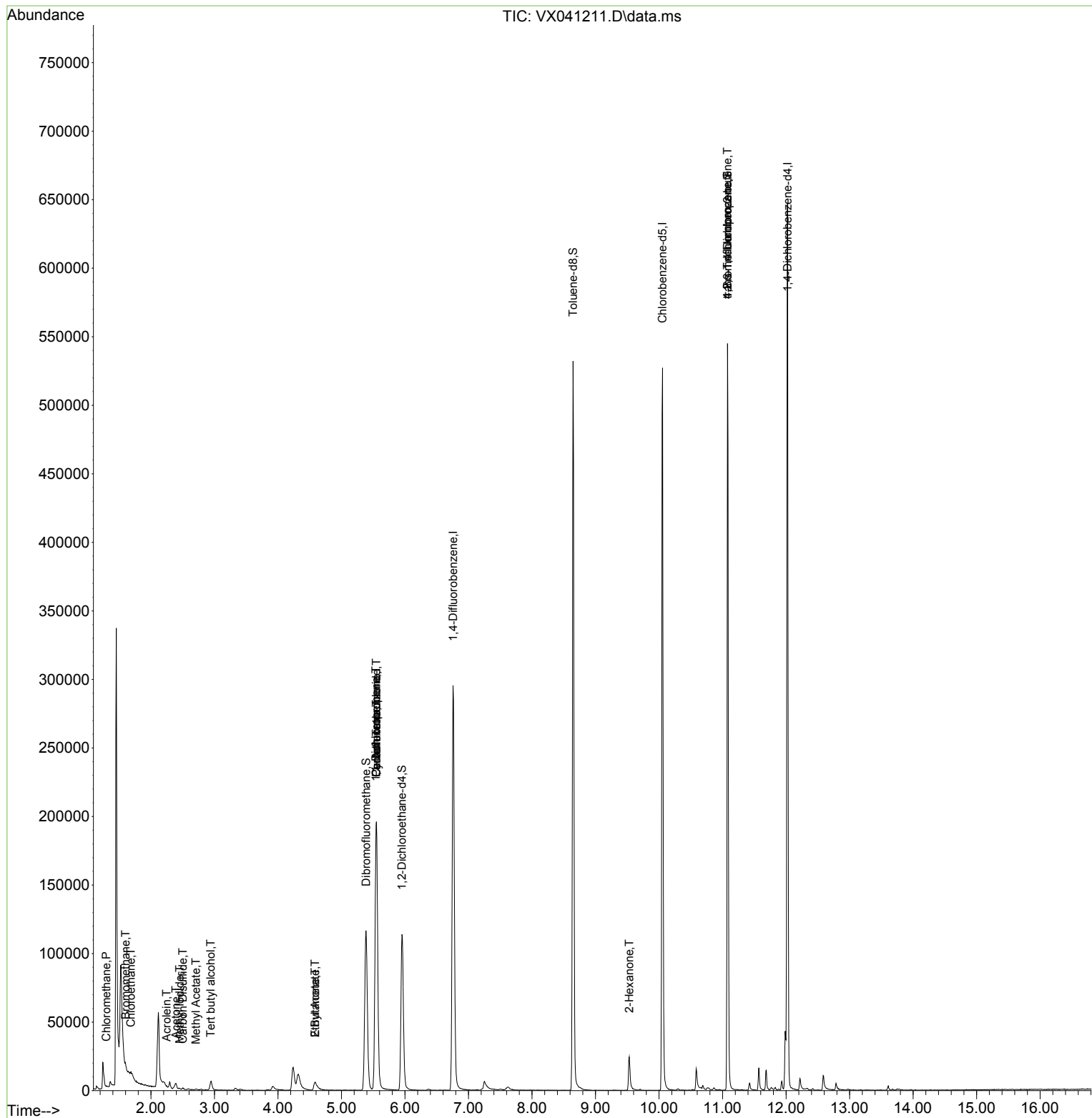
Target Compounds						Qvalue
3) Chloromethane	1.294	50	449	0.237	ug/l	# 84
5) Bromomethane	1.599	94	1077	1.008	ug/l	95
6) Chloroethane	1.685	64	170	0.236	ug/l	# 43
10) Methyl Iodide	2.453	142	1166	0.559	ug/l	# 82
11) Tert butyl alcohol	2.940	59	4282	11.329	ug/l	# 78
13) Acrolein	2.245	56	215	0.507	ug/l	88
16) Acetone	2.392	43	3735	4.864	ug/l	# 22
17) Carbon Disulfide	2.501	76	2073	0.614	ug/l	# 89
18) Methyl Acetate	2.709	43	905	0.398	ug/l	99
25) 2-Butanone	4.586	43	14171	10.805	ug/l	98
31) Cyclohexane	5.550	56	3226	1.136	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	13054	5.185	ug/l	# 50
37) Ethyl Acetate	4.586	43	14171	5.130	ug/l	# 69
38) Carbon Tetrachloride	5.550	117	18826	6.695	ug/l	# 14
59) 2-Hexanone	9.531	43	4734	2.217	ug/l	# 48
76) 1,2,3-Trichloropropane	11.079	75	65081	25.878	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	65081	73.010	ug/l	# 5

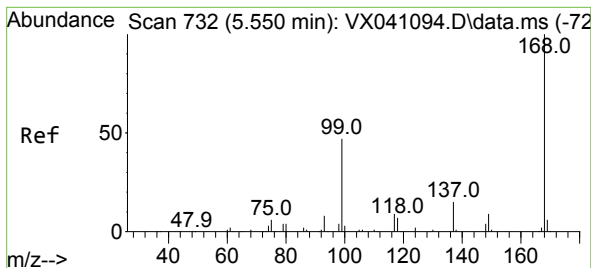
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
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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

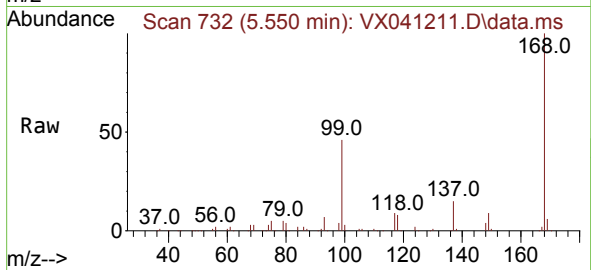
Lab File: VX041211.D

Acq: 23 Apr 2024 13:04

Instrument :

MSVOA_X

ClientSampleId :

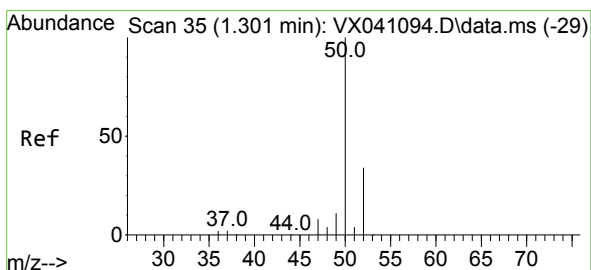
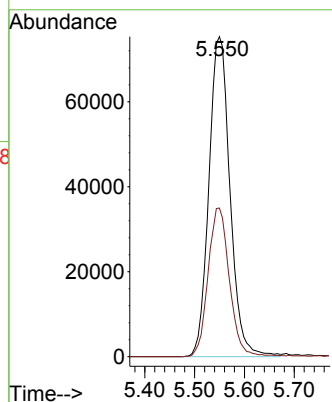
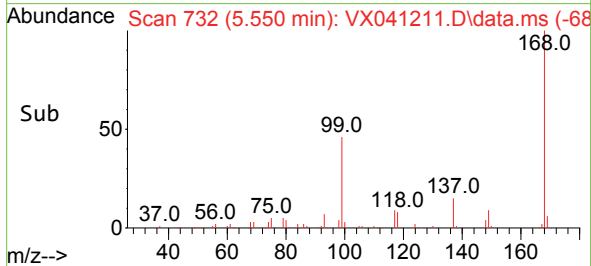


Tgt Ion:168 Resp: 221635

Ion Ratio Lower Upper

168 100

99 46.4 56.6 85.0#



#3

Chloromethane

Concen: 0.237 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX041211.D

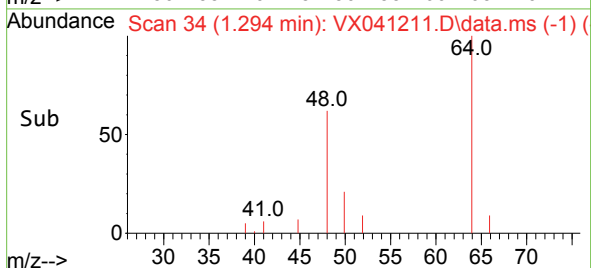
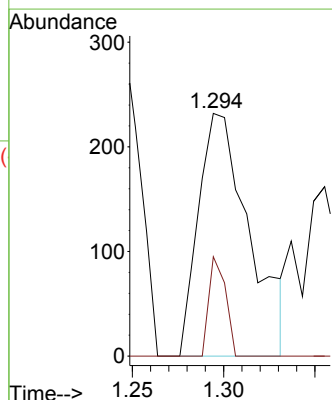
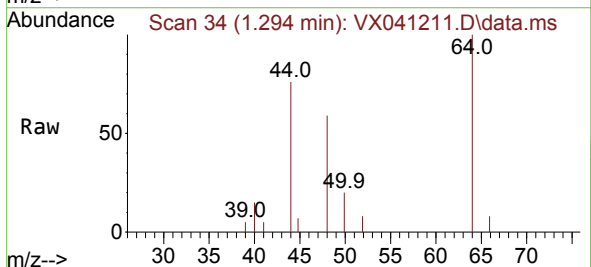
Acq: 23 Apr 2024 13:04

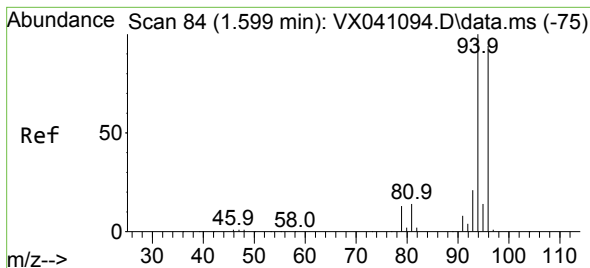
Tgt Ion: 50 Resp: 449

Ion Ratio Lower Upper

50 100

52 40.9 25.5 38.3#





#5

Bromomethane

Concen: 1.008 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX041211.D

Acq: 23 Apr 2024 13:04

Instrument :

MSVOA_X

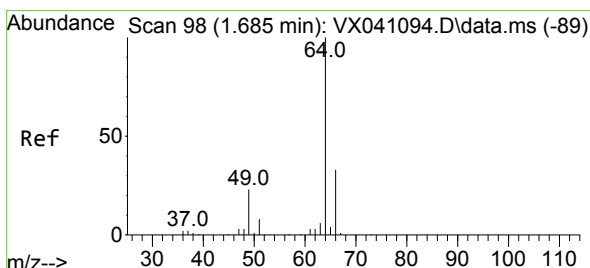
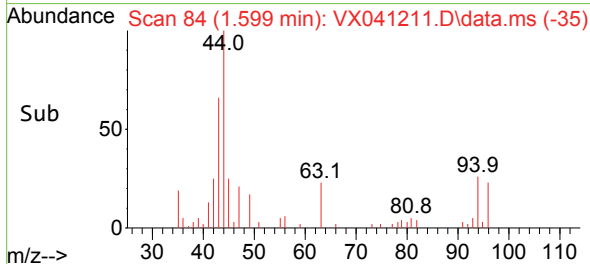
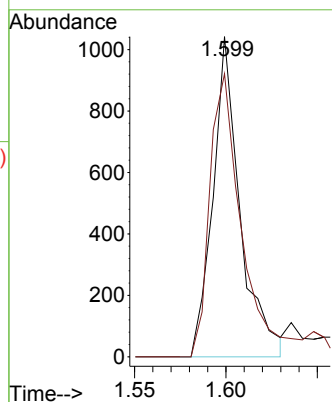
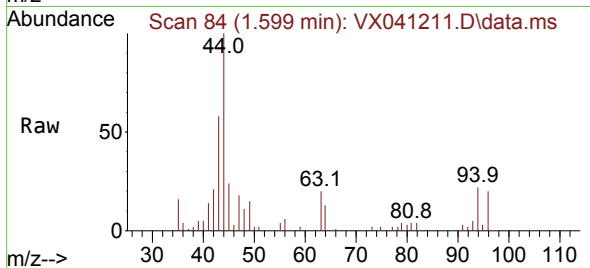
ClientSampleId :

Tgt Ion: 94 Resp: 1077

Ion Ratio Lower Upper

94 100

96 88.4 74.6 111.8



#6

Chloroethane

Concen: 0.236 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.018 min

Lab File: VX041211.D

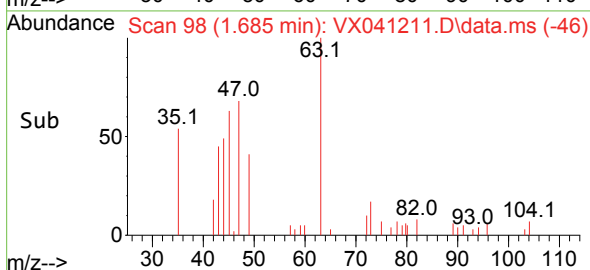
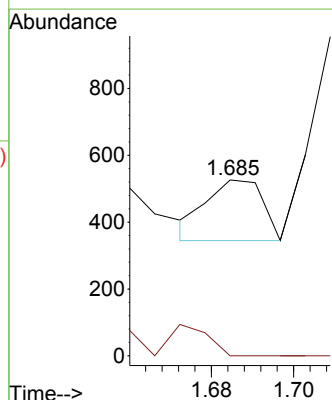
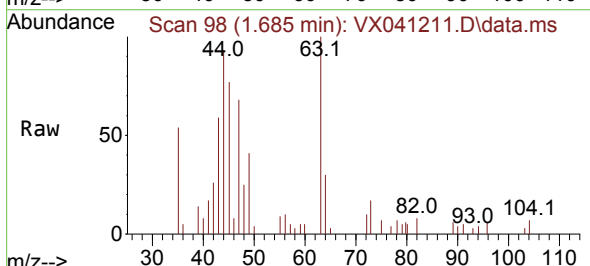
Acq: 23 Apr 2024 13:04

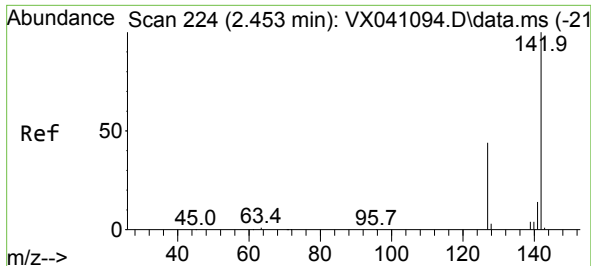
Tgt Ion: 64 Resp: 170

Ion Ratio Lower Upper

64 100

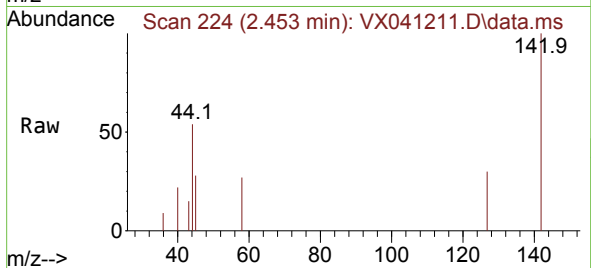
66 0.0 25.1 37.7#



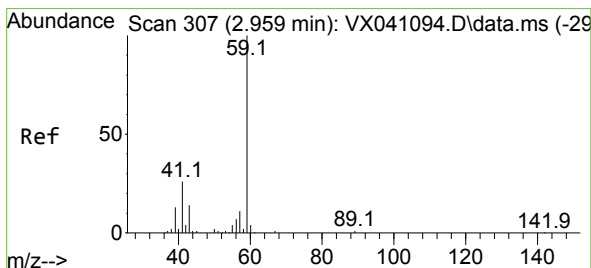
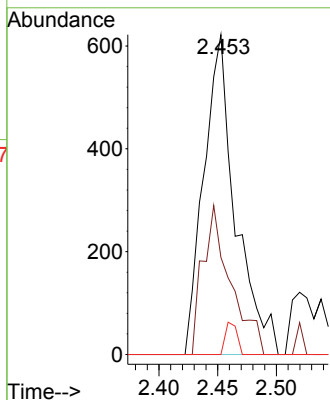
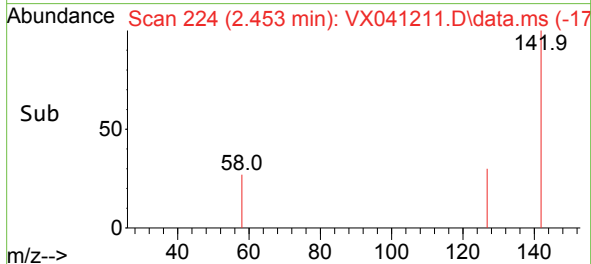


#10
Methyl Iodide
Concen: 0.559 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX041211.D
Acq: 23 Apr 2024 13:04

Instrument :
MSVOA_X
ClientSampleId :

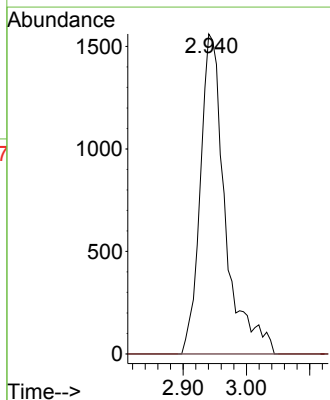
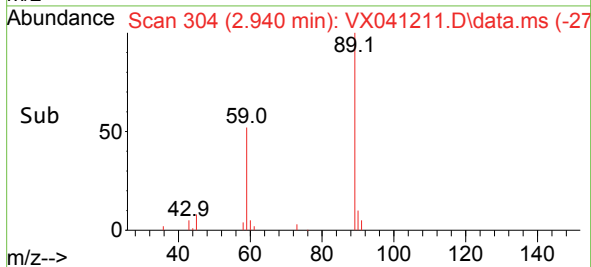
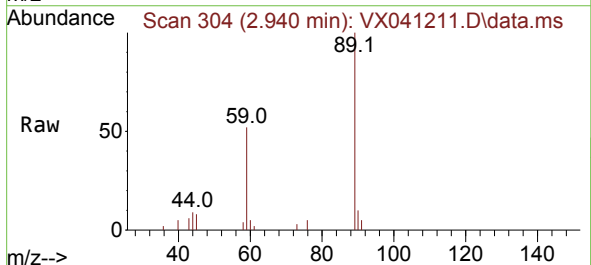


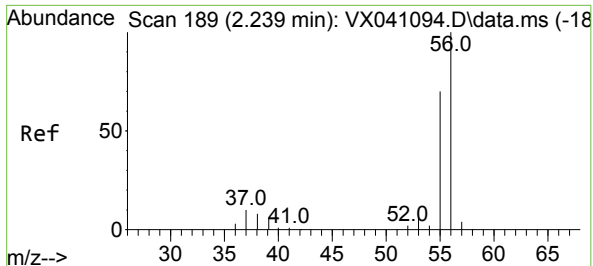
Tgt Ion:142 Resp: 1166
Ion Ratio Lower Upper
142 100
127 41.2 41.6 62.4#
141 3.7 11.6 17.4#



#11
Tert butyl alcohol
Concen: 11.329 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.122 min
Lab File: VX041211.D
Acq: 23 Apr 2024 13:04

Tgt Ion: 59 Resp: 4282
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.507 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX041211.D

Acq: 23 Apr 2024 13:04

Instrument :

MSVOA_X

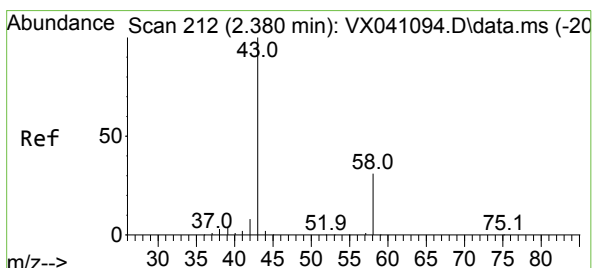
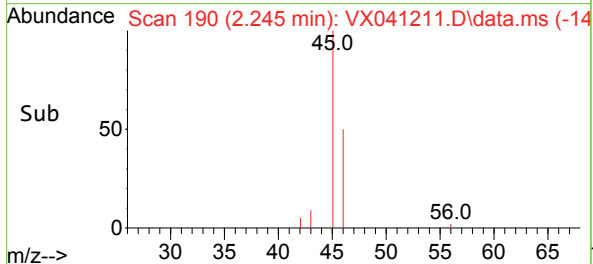
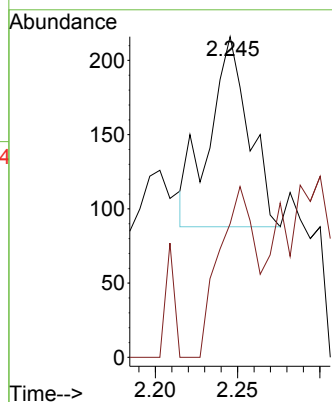
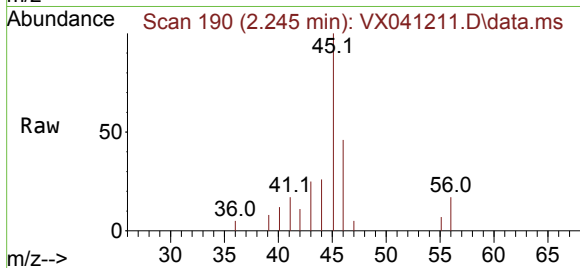
ClientSampleId :

Tgt Ion: 56 Resp: 215

Ion Ratio Lower Upper

56 100

55 81.4 57.1 85.7



#16

Acetone

Concen: 4.864 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041211.D

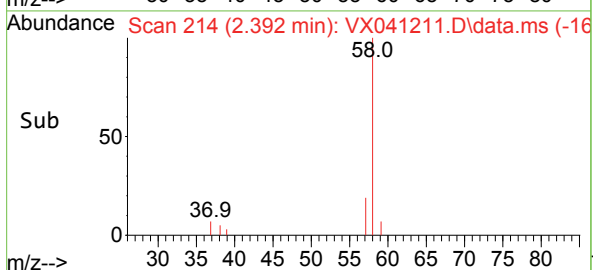
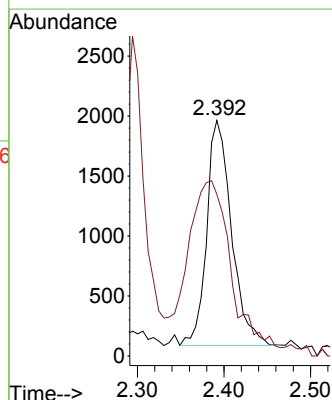
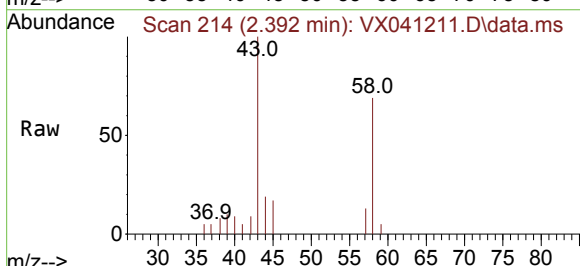
Acq: 23 Apr 2024 13:04

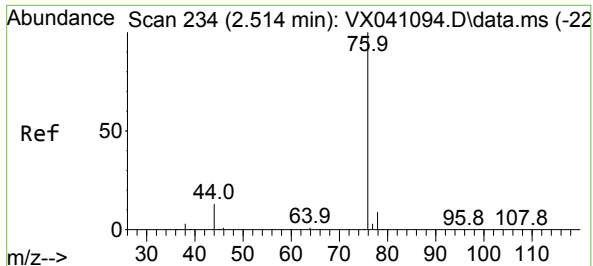
Tgt Ion: 43 Resp: 3735

Ion Ratio Lower Upper

43 100

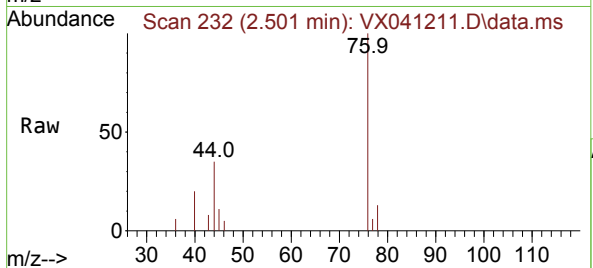
58 68.1 21.9 32.9#



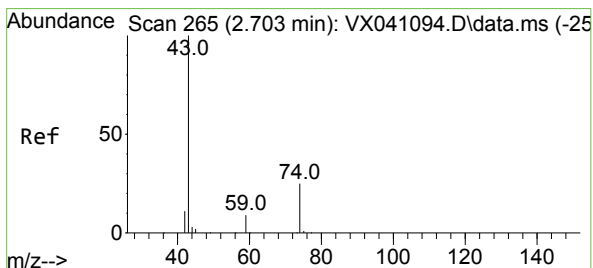
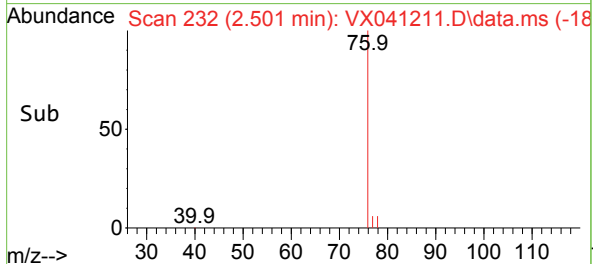
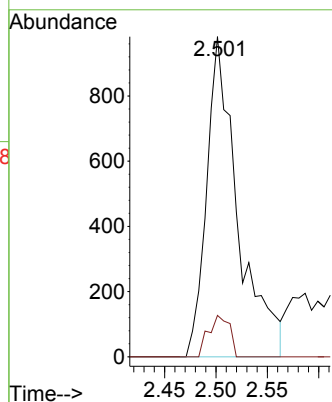


#17
Carbon Disulfide
Concen: 0.614 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041211.D
Acq: 23 Apr 2024 13:04

Instrument :
MSVOA_X
ClientSampleId :

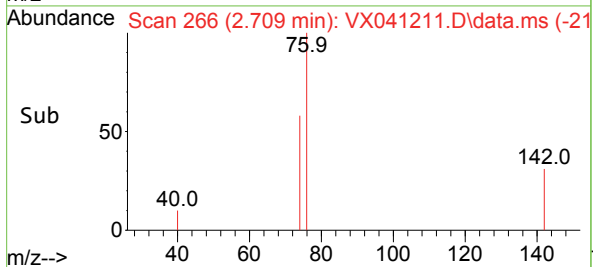
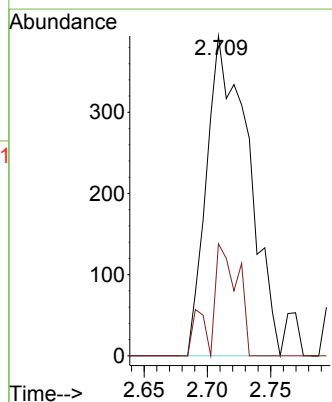
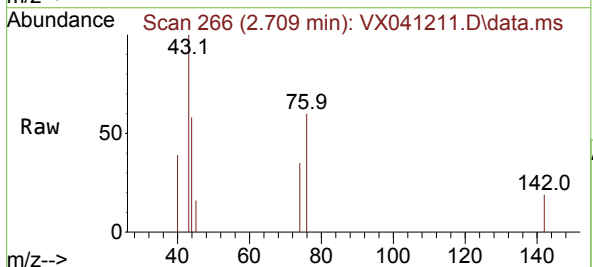


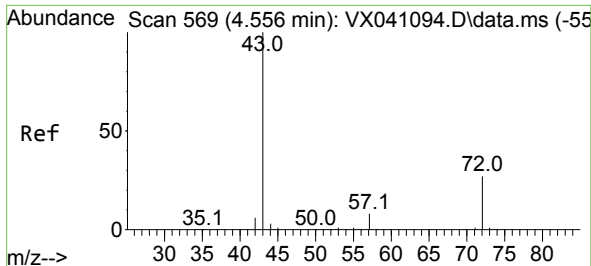
Tgt Ion: 76 Resp: 2073
Ion Ratio Lower Upper
76 100
78 12.9 7.0 10.6#



#18
Methyl Acetate
Concen: 0.398 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX041211.D
Acq: 23 Apr 2024 13:04

Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8

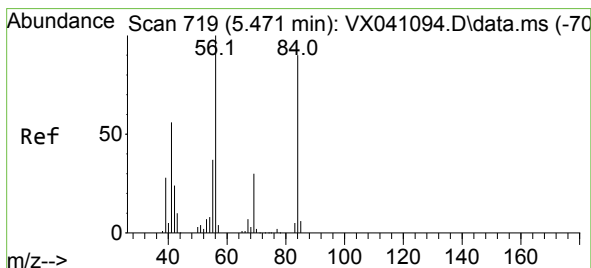
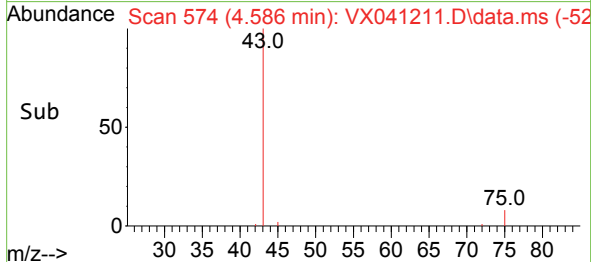
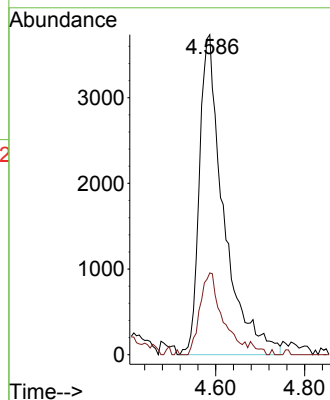
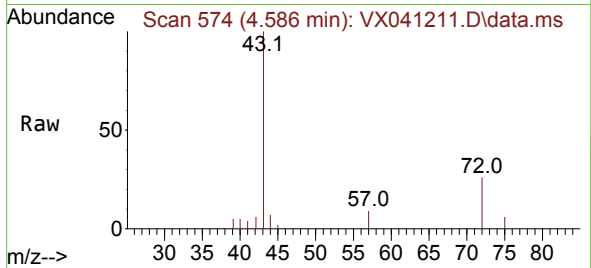




#25
2-Butanone
Concen: 10.805 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX041211.D
Acq: 23 Apr 2024 13:04

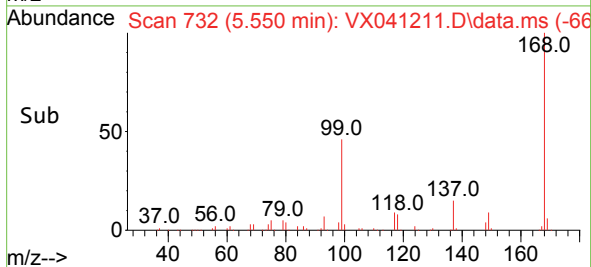
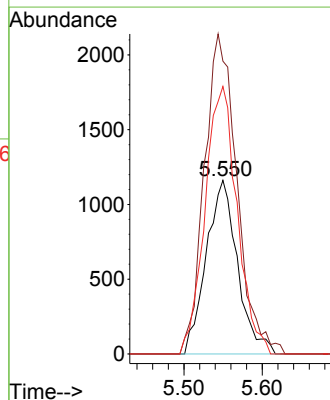
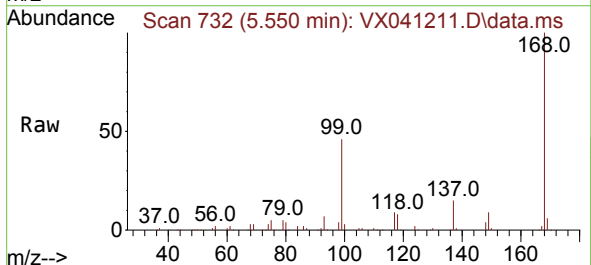
Instrument :
MSVOA_X
ClientSampleId :

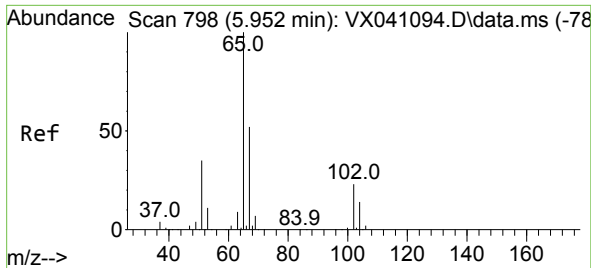
Tgt Ion: 43 Resp: 14171
Ion Ratio Lower Upper
43 100
72 25.5 19.4 29.2



#31
Cyclohexane
Concen: 1.136 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX041211.D
Acq: 23 Apr 2024 13:04

Tgt Ion: 56 Resp: 3226
Ion Ratio Lower Upper
56 100
69 168.6 23.4 35.2#
84 154.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 54.262 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041211.D

Acq: 23 Apr 2024 13:04

Instrument :

MSVOA_X

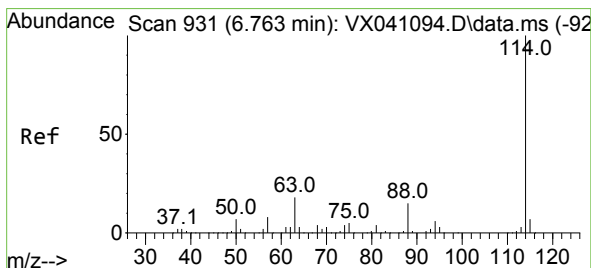
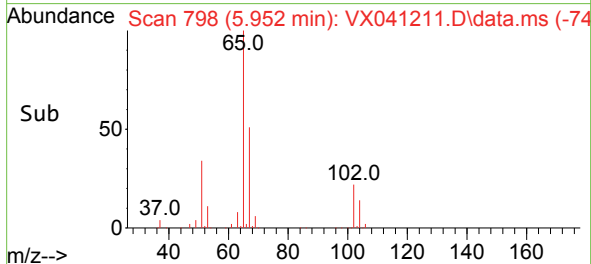
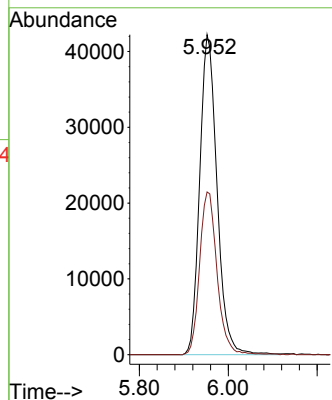
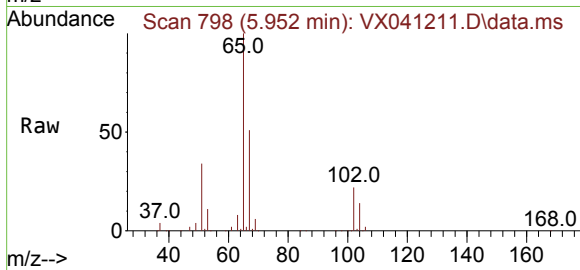
ClientSampleId :

Tgt Ion: 65 Resp: 114481

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041211.D

Acq: 23 Apr 2024 13:04

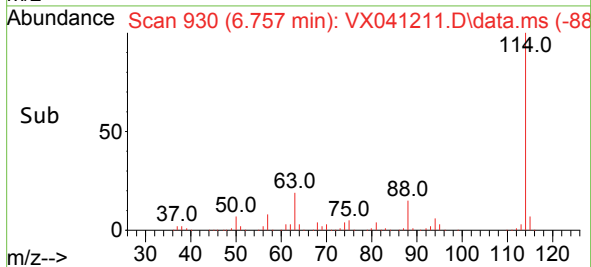
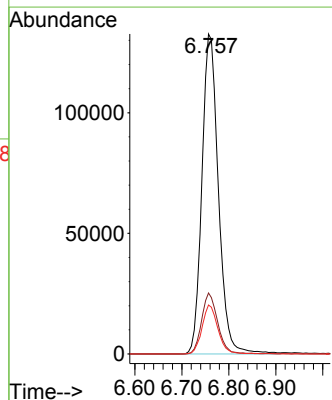
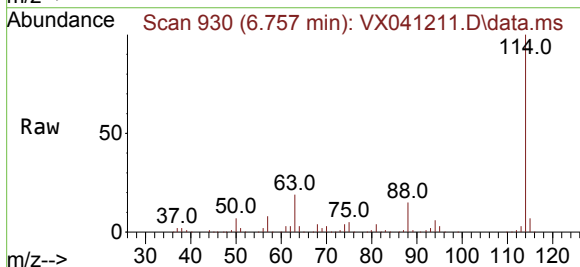
Tgt Ion: 114 Resp: 323470

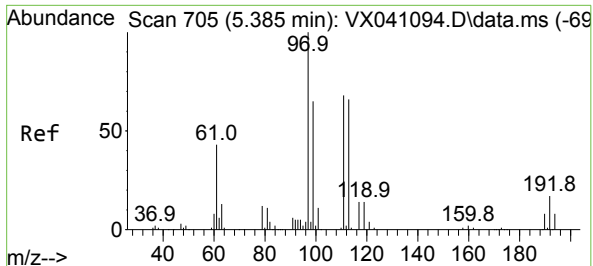
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

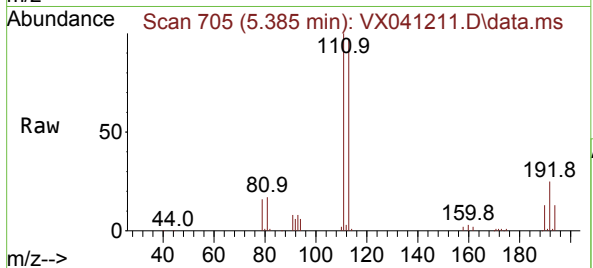
88 15.3 0.0 36.6



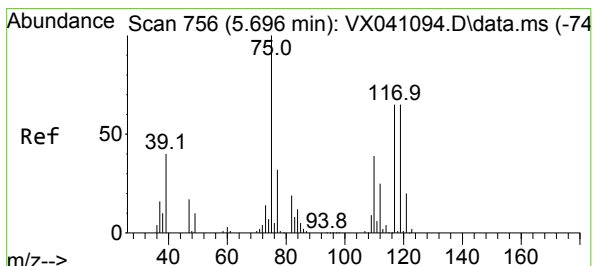
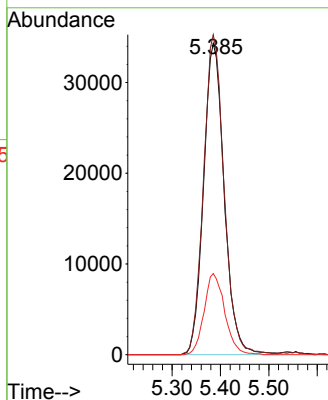
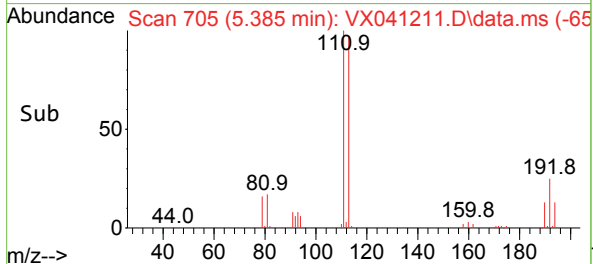


#35
Dibromofluoromethane
Concen: 51.732 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041211.D
Acq: 23 Apr 2024 13:04

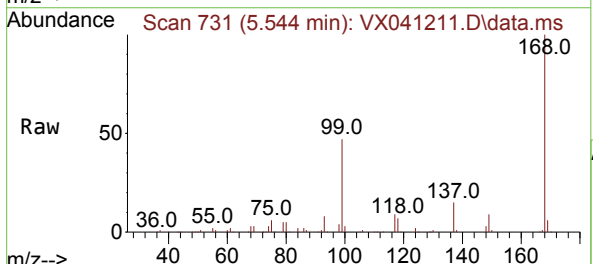
Instrument :
MSVOA_X
ClientSampleId :



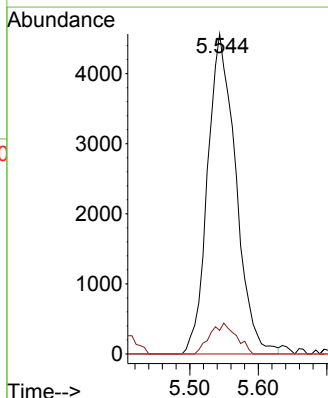
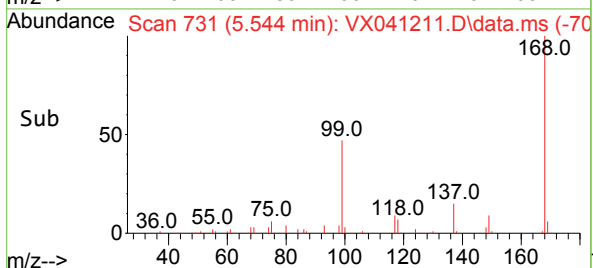
Tgt Ion:113 Resp: 101790
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 26.1 13.3 19.9#

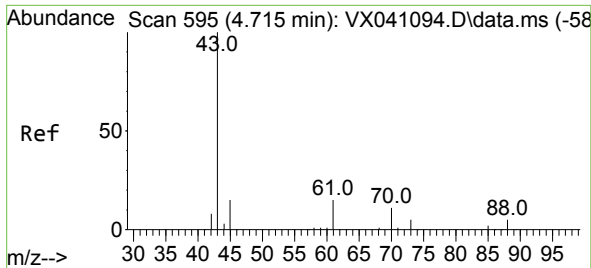


#36
1,1-Dichloropropene
Concen: 5.185 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041211.D
Acq: 23 Apr 2024 13:04



Tgt Ion: 75 Resp: 13054
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 5.130 ug/l

RT: 4.586 min Scan# 51

Delta R.T. -0.134 min

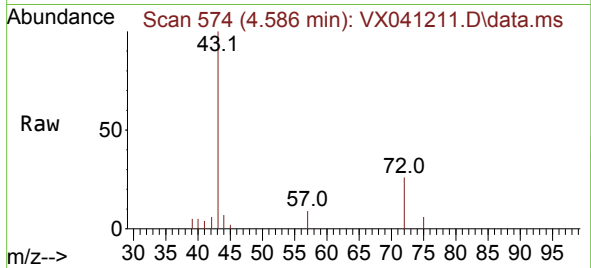
Lab File: VX041211.D

Acq: 23 Apr 2024 13:04

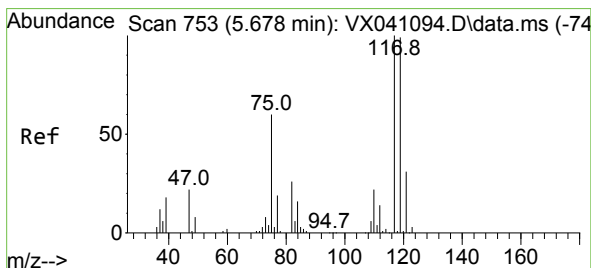
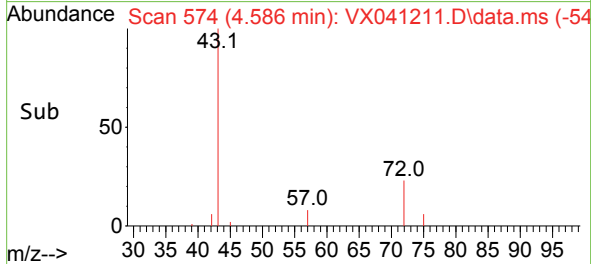
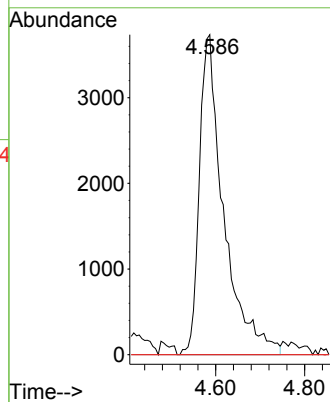
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	14171
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 6.695 ug/l

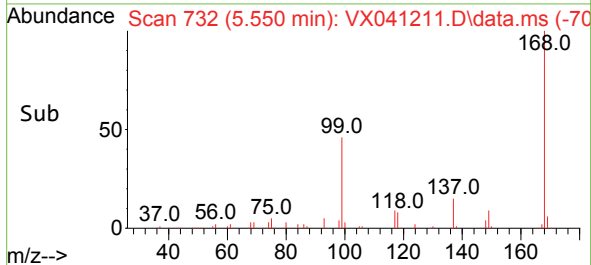
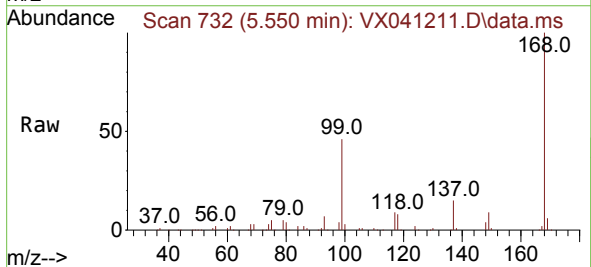
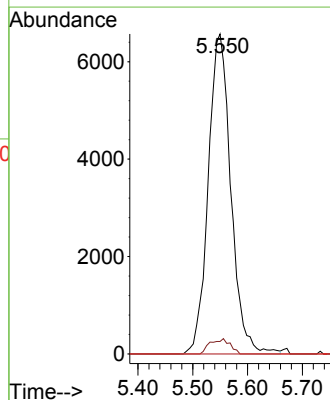
RT: 5.550 min Scan# 732

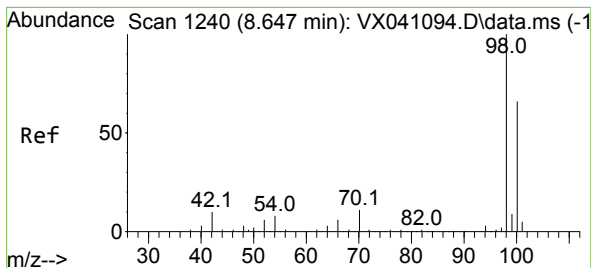
Delta R.T. -0.122 min

Lab File: VX041211.D

Acq: 23 Apr 2024 13:04

Tgt Ion:	117	Resp:	18826
Ion	Ratio	Lower	Upper
117	100		
119	3.9	78.2	117.2#
121	0.0	24.4	36.6#





#50

Toluene-d8

Concen: 48.705 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041211.D

Acq: 23 Apr 2024 13:04

Instrument :

MSVOA_X

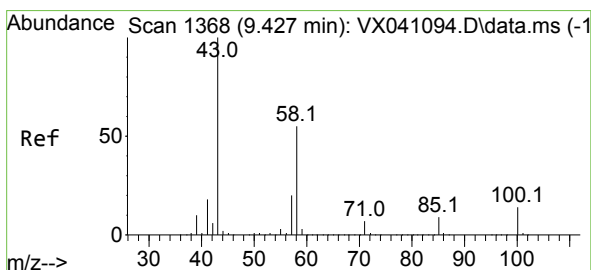
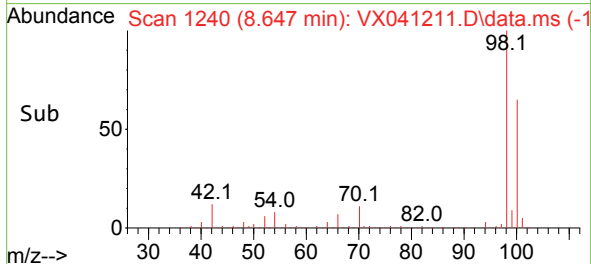
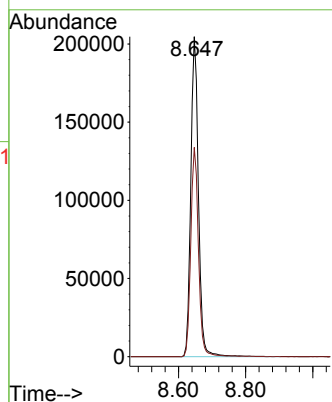
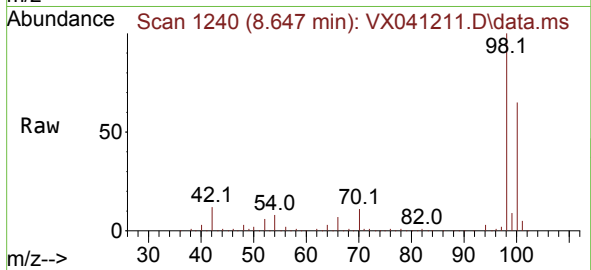
ClientSampleId :

Tgt Ion: 98 Resp: 323332

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7



#59

2-Hexanone

Concen: 2.217 ug/l

RT: 9.531 min Scan# 1385

Delta R.T. 0.097 min

Lab File: VX041211.D

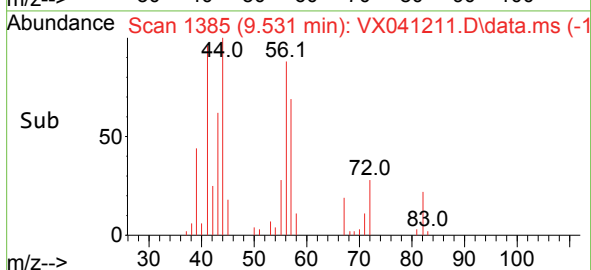
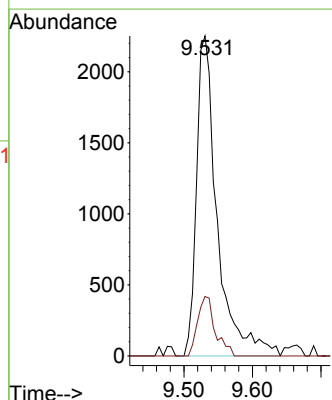
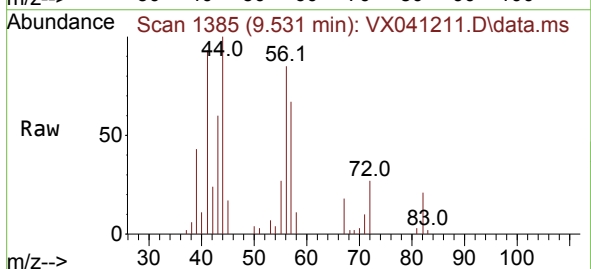
Acq: 23 Apr 2024 13:04

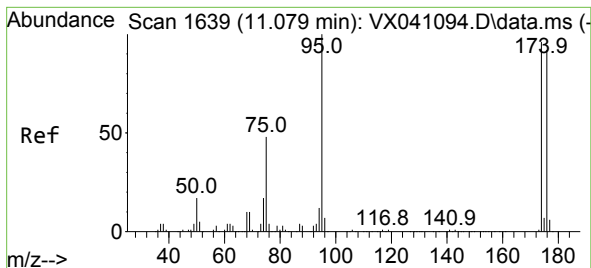
Tgt Ion: 43 Resp: 4734

Ion Ratio Lower Upper

43 100

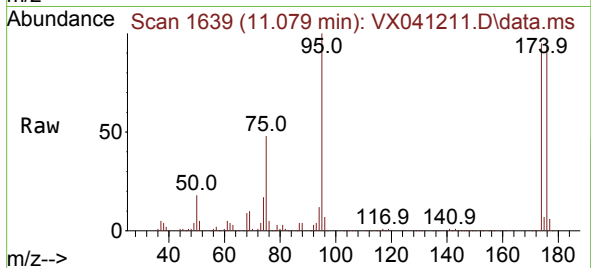
58 15.7 26.2 78.5#



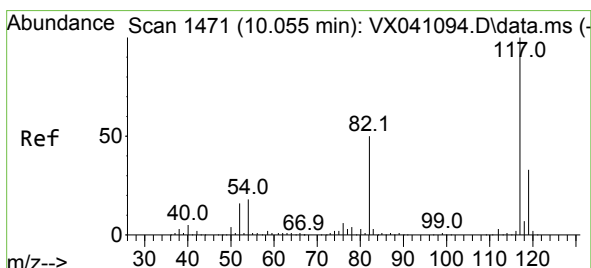
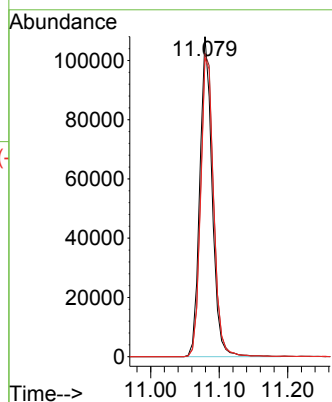
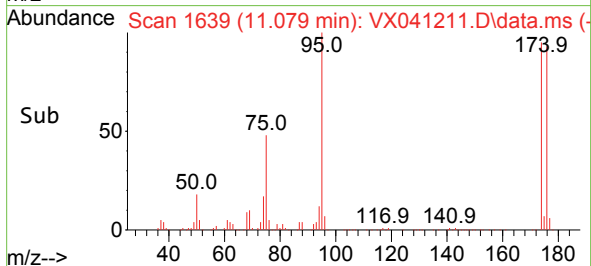


#62
4-Bromofluorobenzene
Concen: 55.198 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041211.D
Acq: 23 Apr 2024 13:04

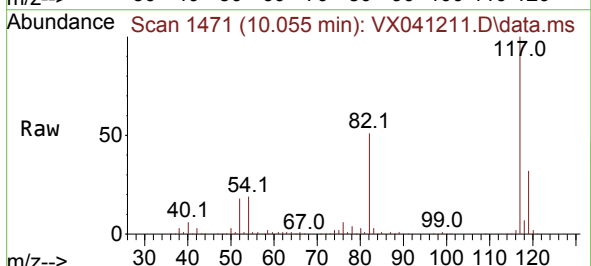
Instrument :
MSVOA_X
ClientSampleId :



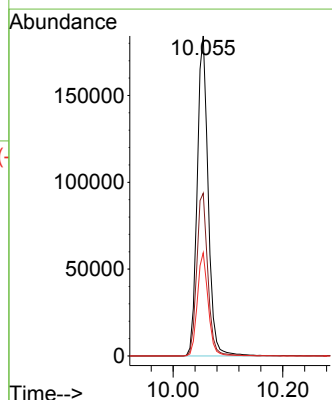
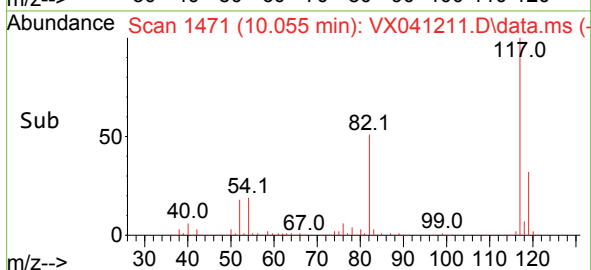
Tgt Ion: 95 Resp: 135250
Ion Ratio Lower Upper
95 100
174 100.4 0.0 135.6
176 98.4 0.0 131.0

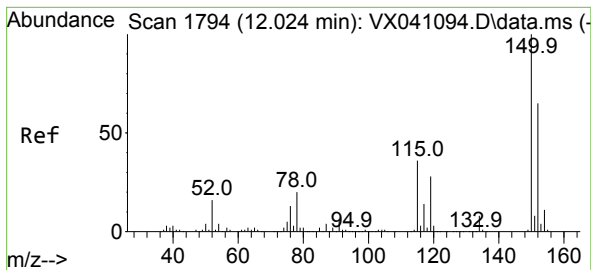


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041211.D
Acq: 23 Apr 2024 13:04



Tgt Ion: 117 Resp: 257187
Ion Ratio Lower Upper
117 100
82 50.8 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# 1

Delta R.T. -0.000 min

Lab File: VX041211.D

Acq: 23 Apr 2024 13:04

Instrument :

MSVOA_X

ClientSampleId :

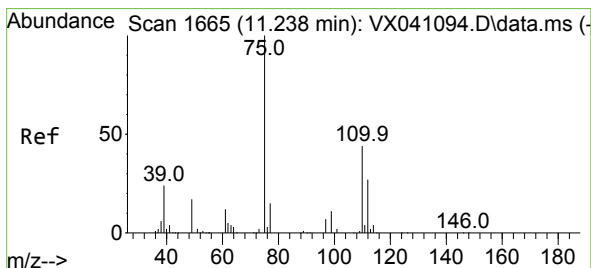
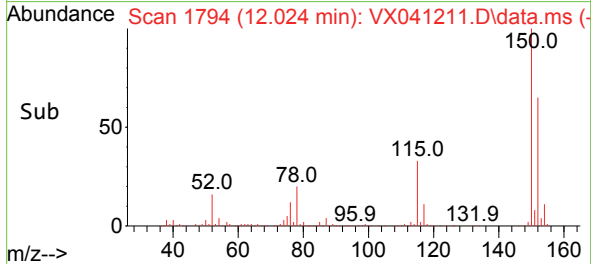
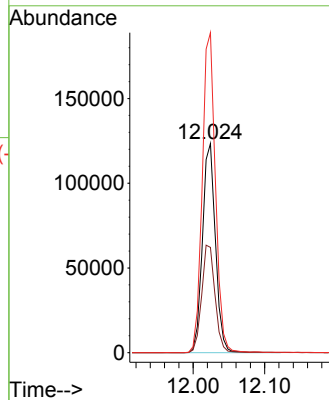
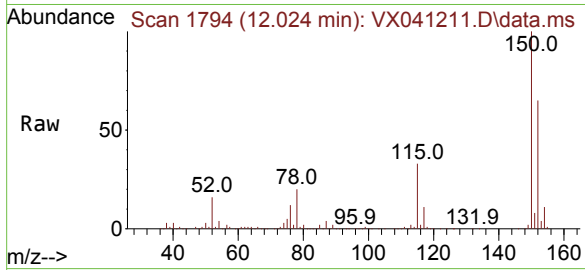
Tgt Ion:152 Resp: 156091

Ion Ratio Lower Upper

152 100

115 52.6 43.3 129.9

150 154.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.878 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041211.D

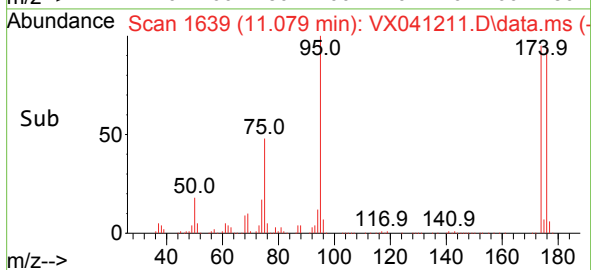
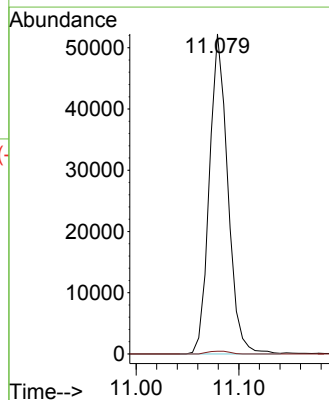
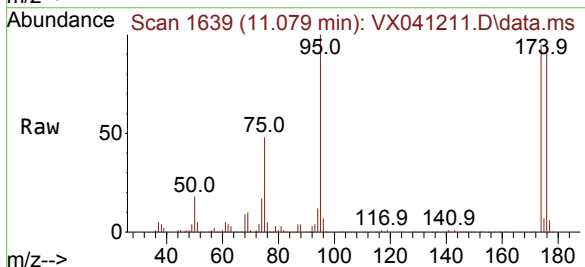
Acq: 23 Apr 2024 13:04

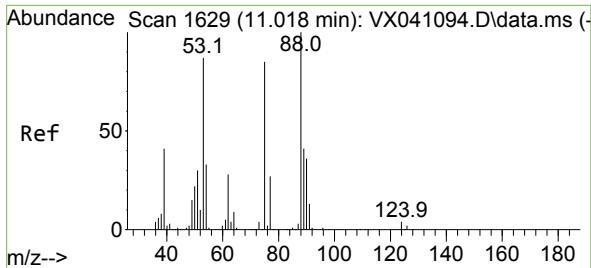
Tgt Ion: 75 Resp: 65081

Ion Ratio Lower Upper

75 100

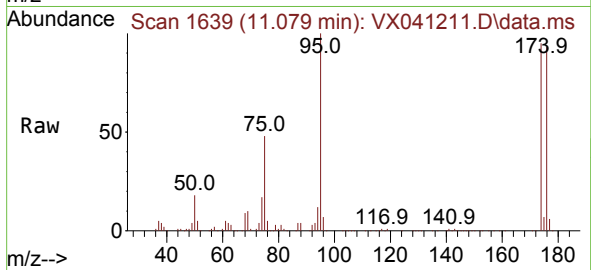
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.010 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041211.D
 Acq: 23 Apr 2024 13:04

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 65081
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

