

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
 Data File : VX041223.D
 Acq On : 23 Apr 2024 18:22
 Operator : JC/MD
 Sample : P2201-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 24 01:51:57 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)

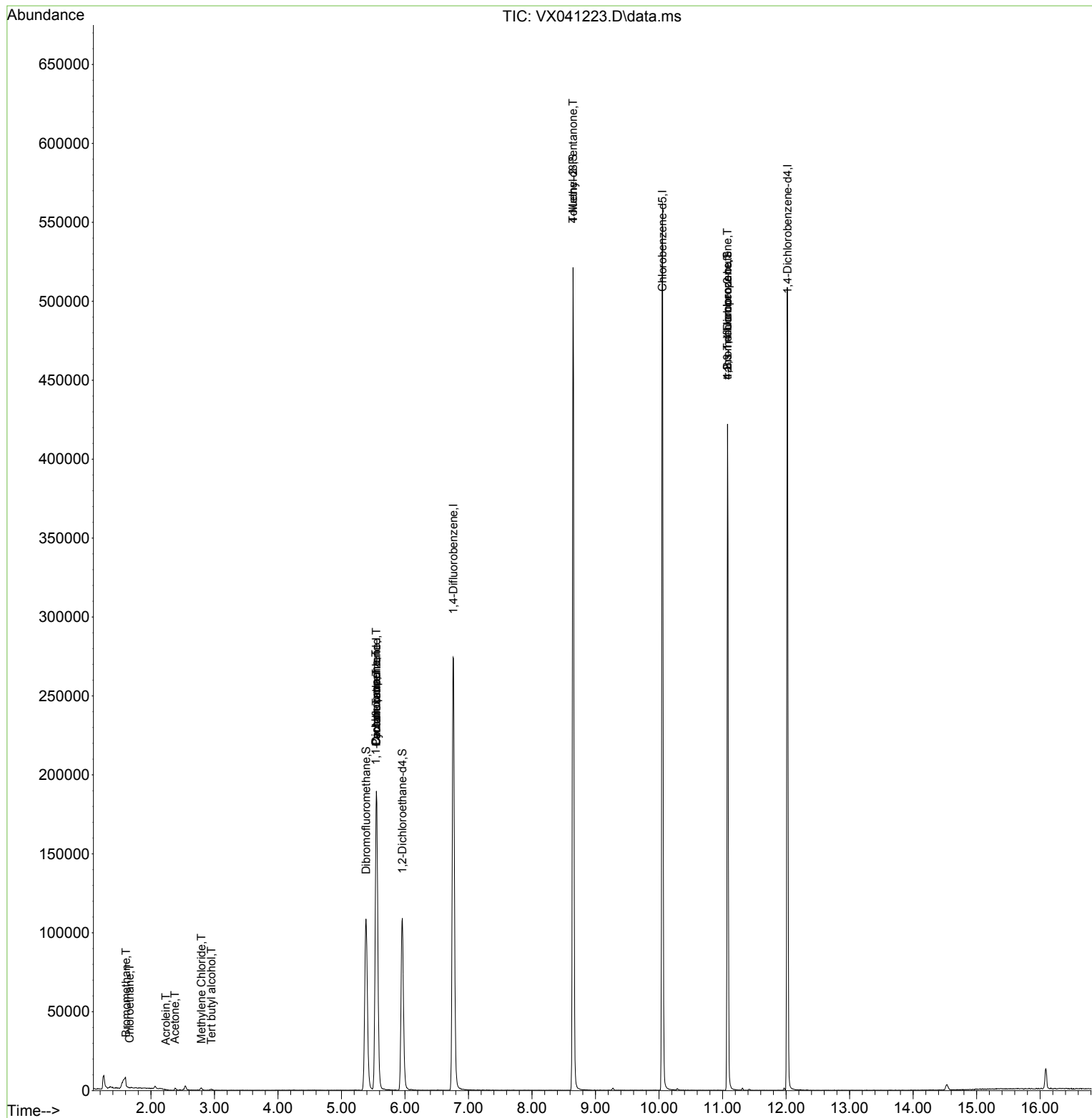
Internal Standards						
1) Pentafluorobenzene	5.550	168	207913	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	303592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106825	53.975	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.940%	
35) Dibromofluoromethane	5.385	113	96002	51.985	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.980%	
50) Toluene-d8	8.647	98	304004	48.792	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.580%	
62) 4-Bromofluorobenzene	11.079	95	100817	43.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	488	0.487	ug/l	95
6) Chloroethane	1.666	64	394	0.582	ug/l	# 43
11) Tert butyl alcohol	2.953	59	476	1.342	ug/l	# 78
13) Acrolein	2.233	56	91	0.229	ug/l	# 14
16) Acetone	2.379	43	1357	1.884	ug/l	# 85
20) Methylene Chloride	2.794	84	778	0.442	ug/l	# 77
31) Cyclohexane	5.550	56	3230	1.213	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	12237	5.179	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	17932	6.795	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1361	0.521	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	51020	27.144	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	51020	76.582	ug/l	# 5

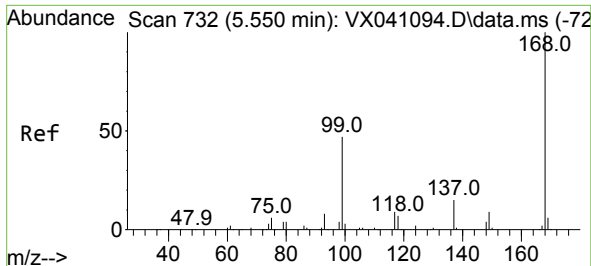
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

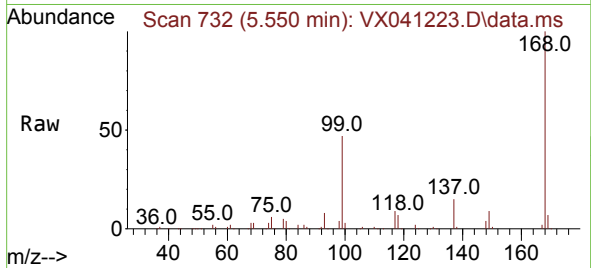
Lab File: VX041223.D

Acq: 23 Apr 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :

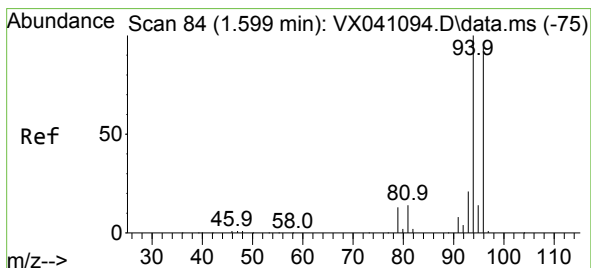
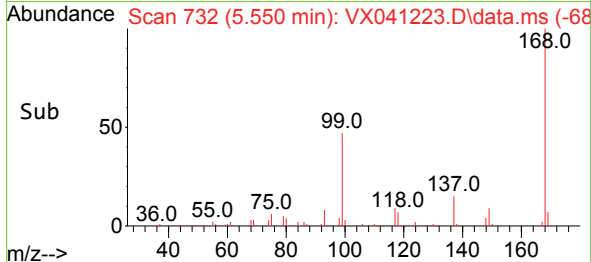
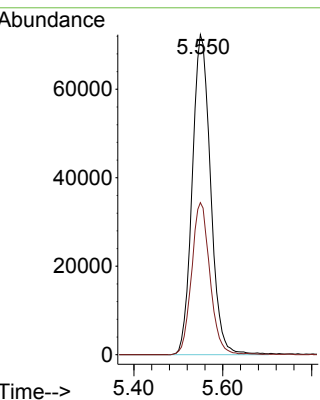


Tgt Ion:168 Resp: 207913

Ion Ratio Lower Upper

168 100

99 47.5 56.6 85.0#



#5

Bromomethane

Concen: 0.487 ug/l

RT: 1.605 min Scan# 85

Delta R.T. 0.006 min

Lab File: VX041223.D

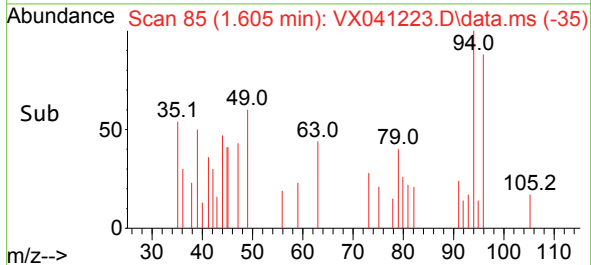
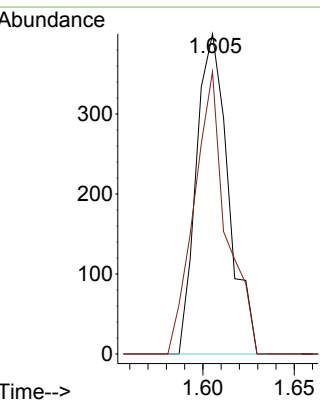
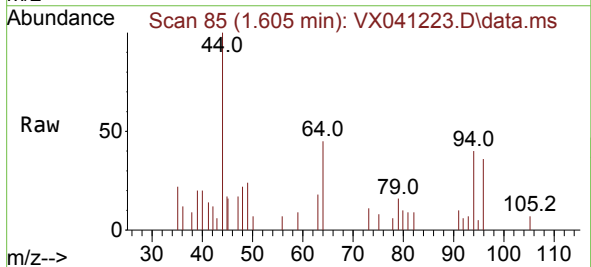
Acq: 23 Apr 2024 18:22

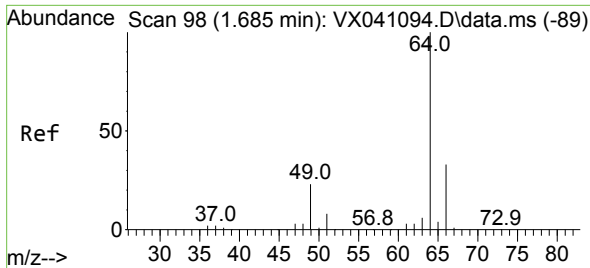
Tgt Ion: 94 Resp: 488

Ion Ratio Lower Upper

94 100

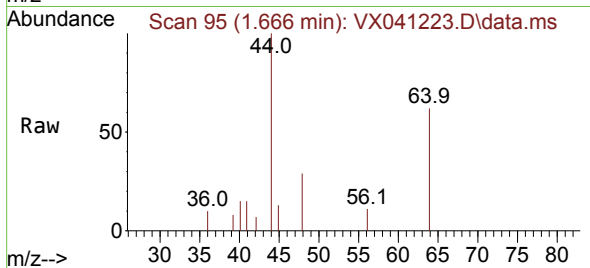
96 88.3 74.6 111.8



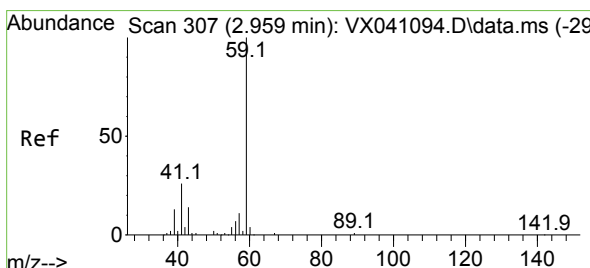
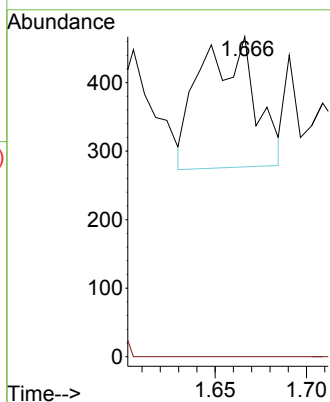
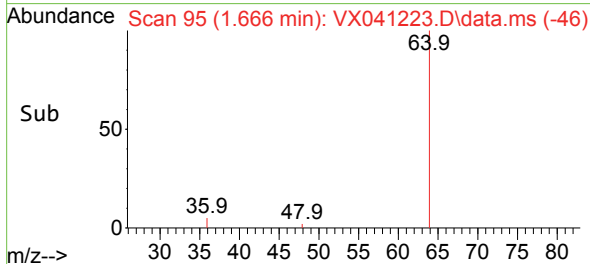


#6
 Chloroethane
 Concen: 0.582 ug/l
 RT: 1.666 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX041223.D
 Acq: 23 Apr 2024 18:22

Instrument :
 MSVOA_X
 ClientSampleId :

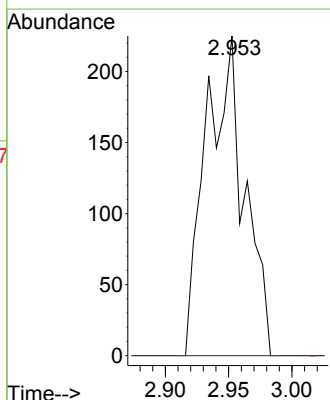
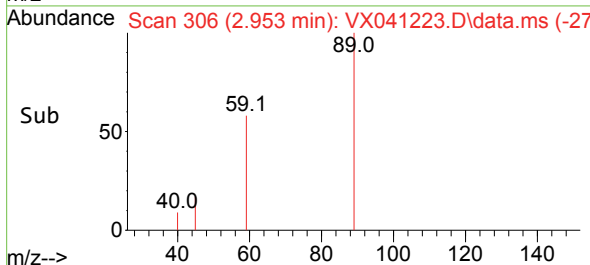
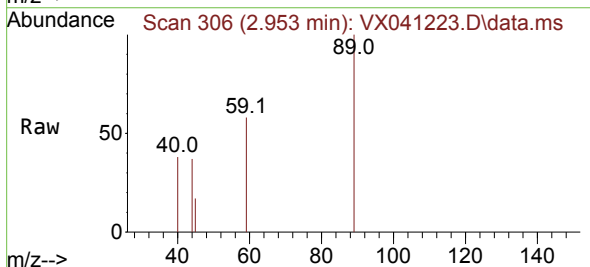


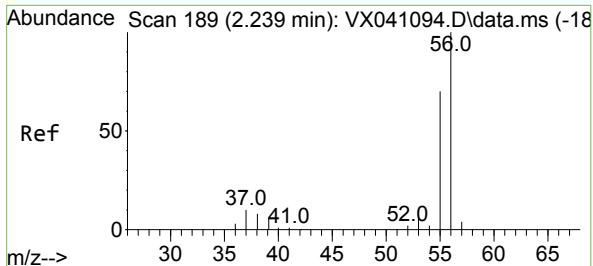
Tgt Ion: 64 Resp: 394
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.1 37.7#



#11
 Tert butyl alcohol
 Concen: 1.342 ug/l
 RT: 2.953 min Scan# 306
 Delta R.T. -0.110 min
 Lab File: VX041223.D
 Acq: 23 Apr 2024 18:22

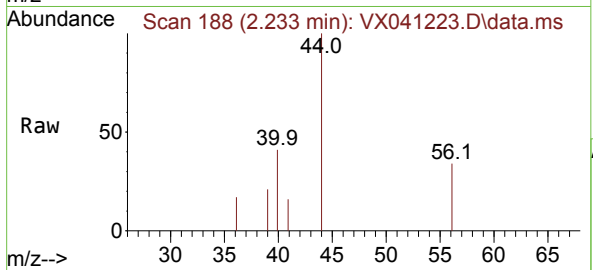
Tgt Ion: 59 Resp: 476
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.0 9.0#



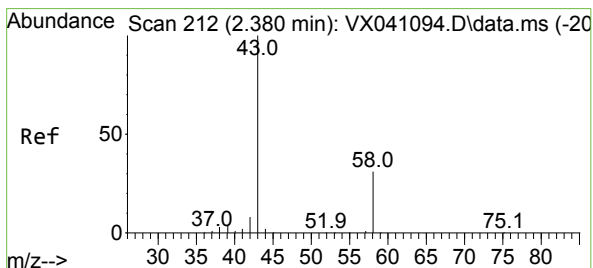
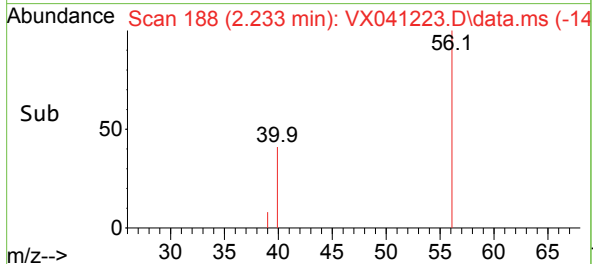
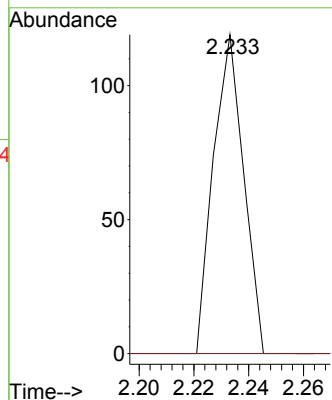


#13
Acrolein
Concen: 0.229 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX041223.D
Acq: 23 Apr 2024 18:22

Instrument :
MSVOA_X
ClientSampleId :

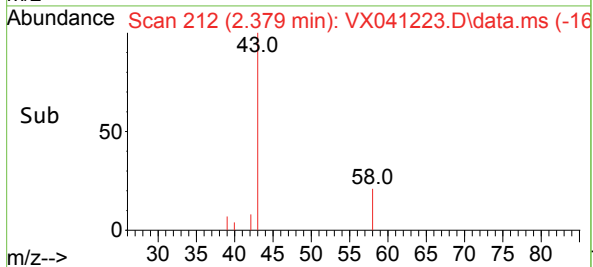
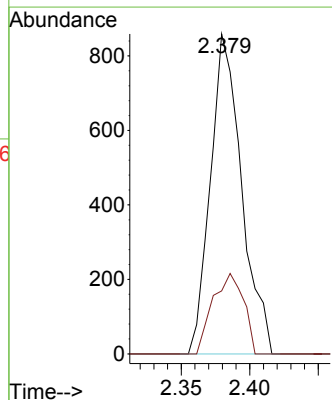
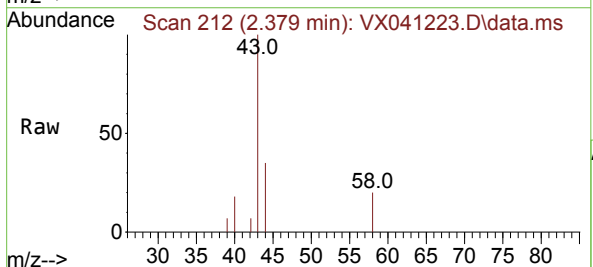


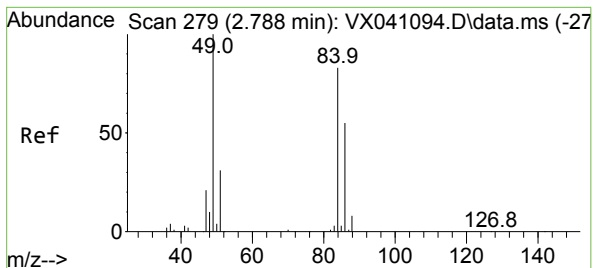
Tgt Ion: 56 Resp: 91
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.884 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.018 min
Lab File: VX041223.D
Acq: 23 Apr 2024 18:22

Tgt Ion: 43 Resp: 1357
Ion Ratio Lower Upper
43 100
58 19.7 21.9 32.9#





#20

Methylene Chloride

Concen: 0.442 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

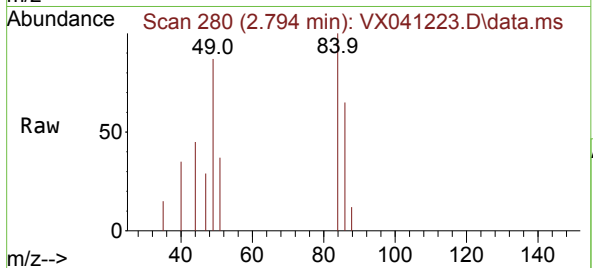
Lab File: VX041223.D

Acq: 23 Apr 2024 18:22

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 778

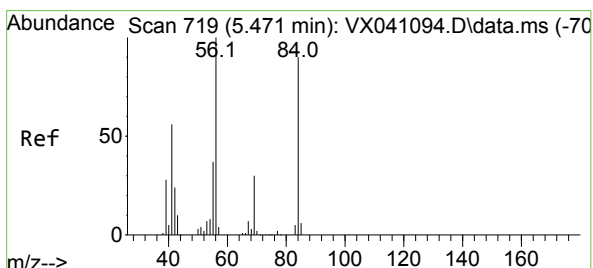
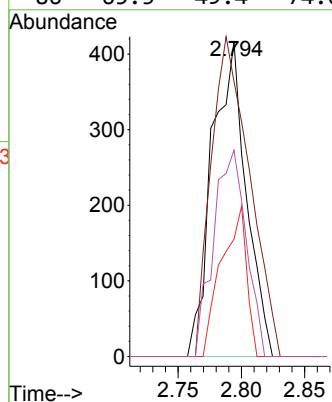
Ion Ratio Lower Upper

84 100

49 87.3 103.6 155.4#

51 37.2 33.8 50.6

86 65.5 49.4 74.0



#31

Cyclohexane

Concen: 1.213 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX041223.D

Acq: 23 Apr 2024 18:22

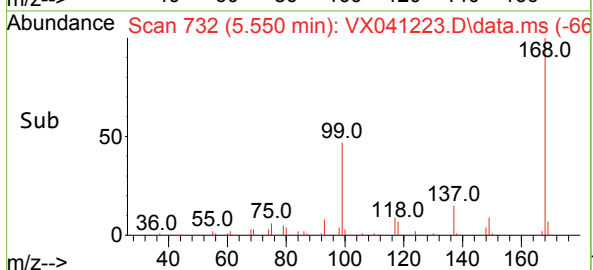
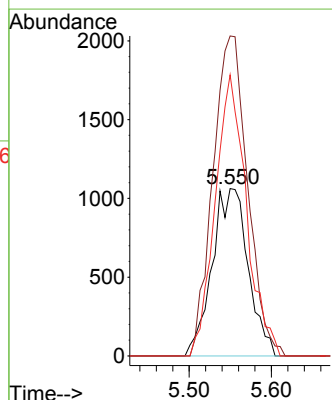
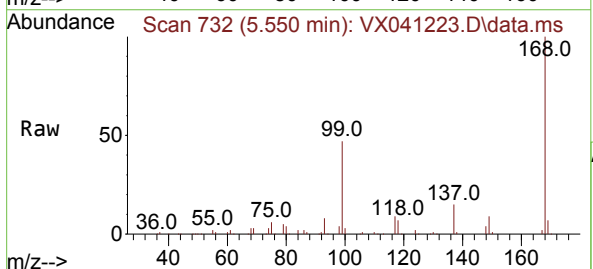
Tgt Ion: 56 Resp: 3230

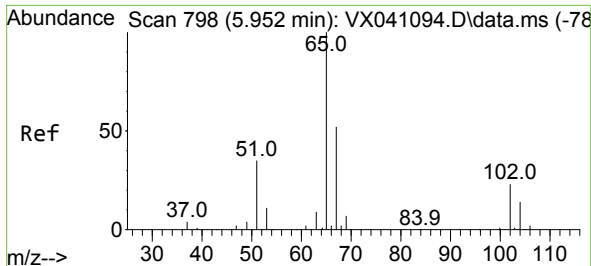
Ion Ratio Lower Upper

56 100

69 191.2 23.4 35.2#

84 168.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 53.975 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041223.D

Acq: 23 Apr 2024 18:22

Instrument :

MSVOA_X

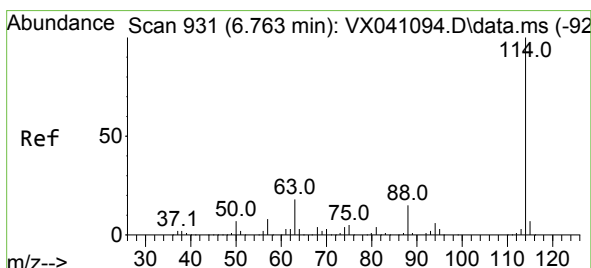
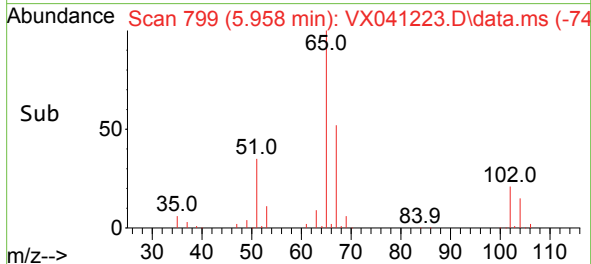
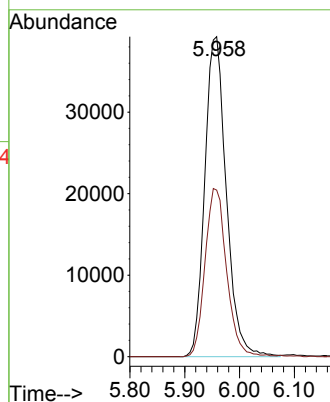
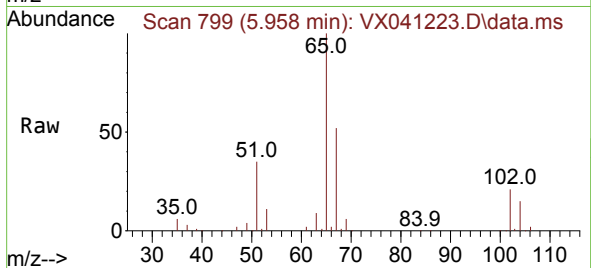
ClientSampleId :

Tgt Ion: 65 Resp: 106825

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041223.D

Acq: 23 Apr 2024 18:22

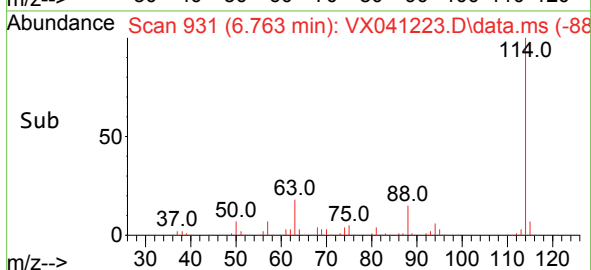
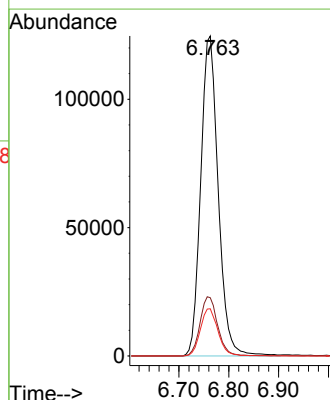
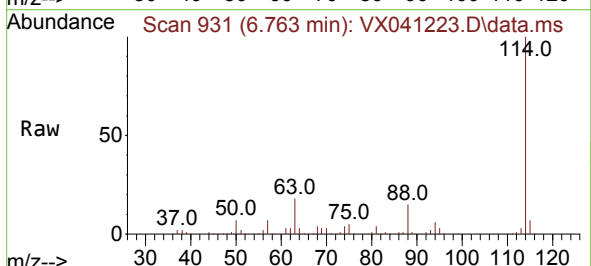
Tgt Ion: 114 Resp: 303592

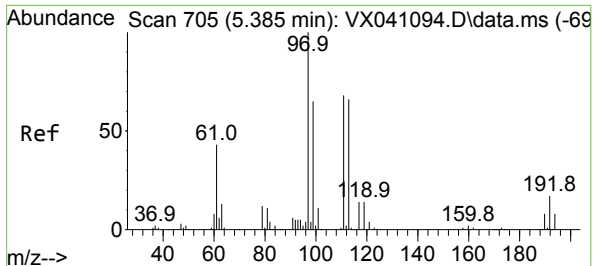
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

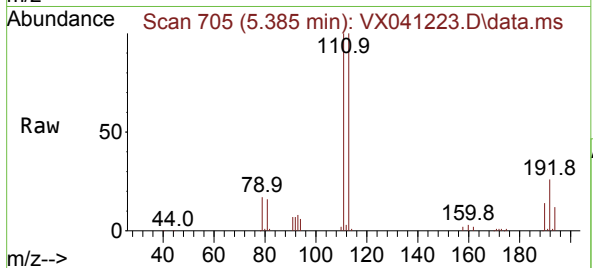
88 14.7 0.0 36.6



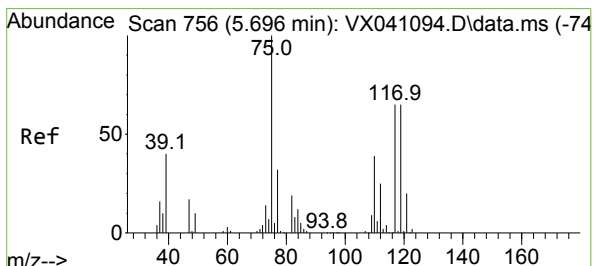
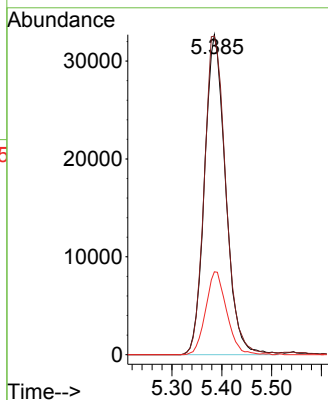
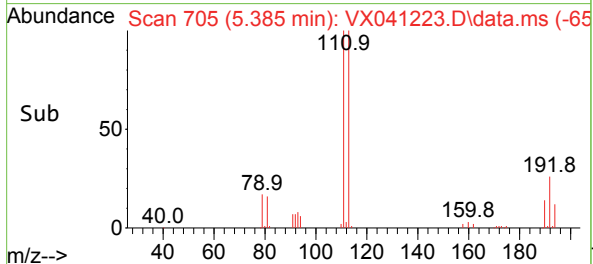


#35
Dibromofluoromethane
Concen: 51.985 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041223.D
Acq: 23 Apr 2024 18:22

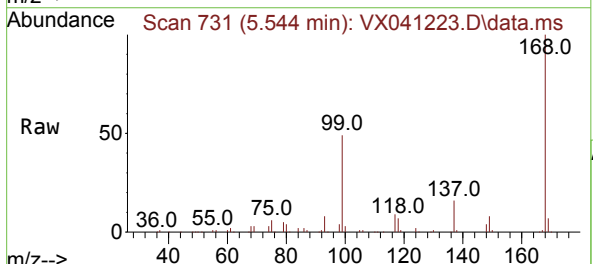
Instrument :
MSVOA_X
ClientSampleId :



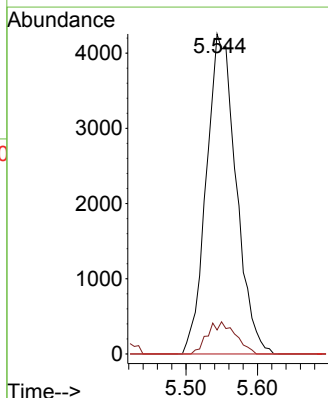
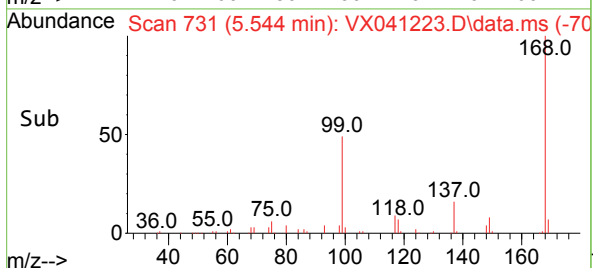
Tgt Ion:113 Resp: 96002
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 25.7 13.3 19.9#

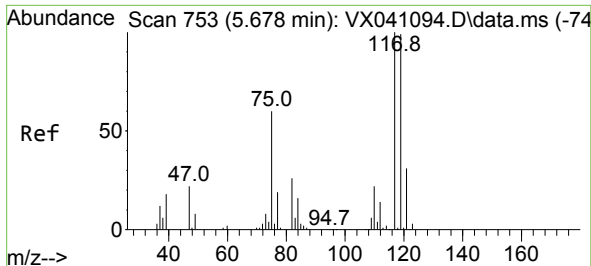


#36
1,1-Dichloropropene
Concen: 5.179 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.147 min
Lab File: VX041223.D
Acq: 23 Apr 2024 18:22



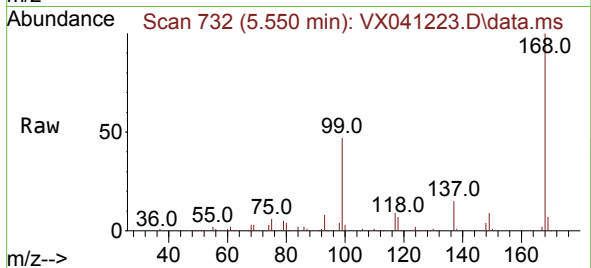
Tgt Ion: 75 Resp: 12237
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



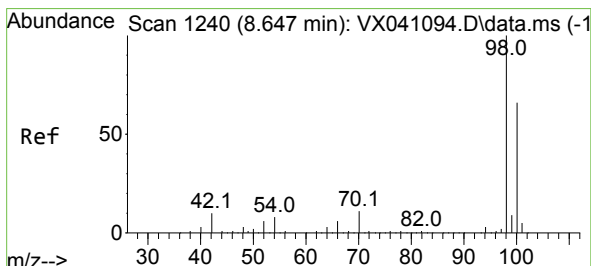
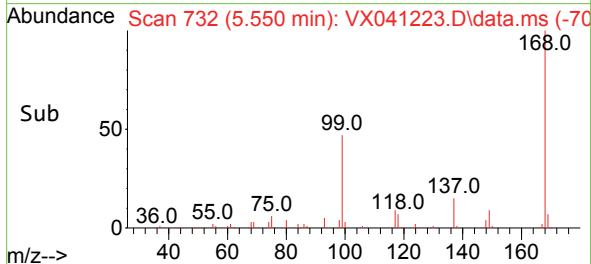
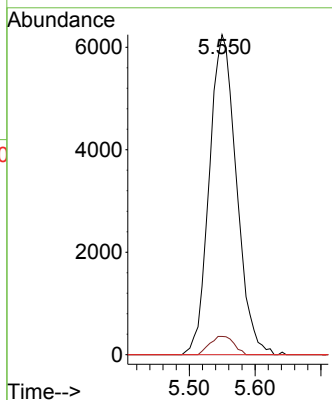


#38
Carbon Tetrachloride
Concen: 6.795 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041223.D
Acq: 23 Apr 2024 18:22

Instrument :
MSVOA_X
ClientSampleId :

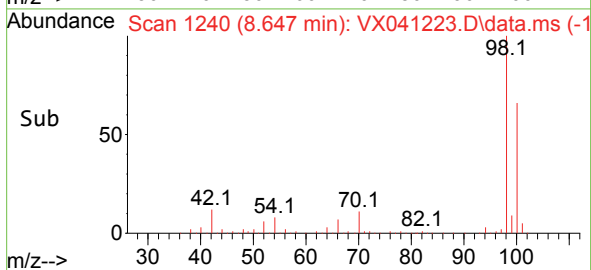
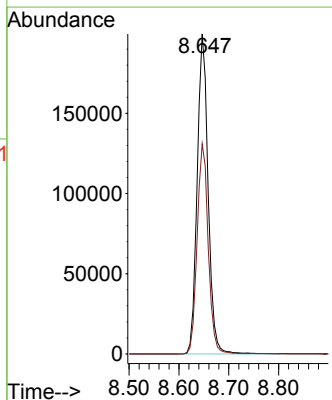
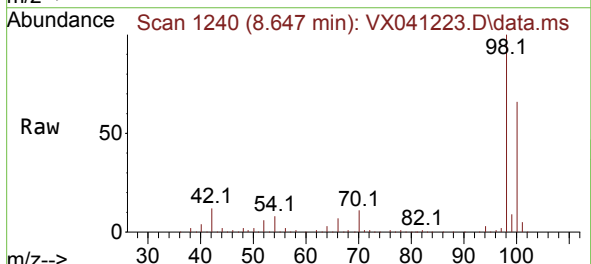


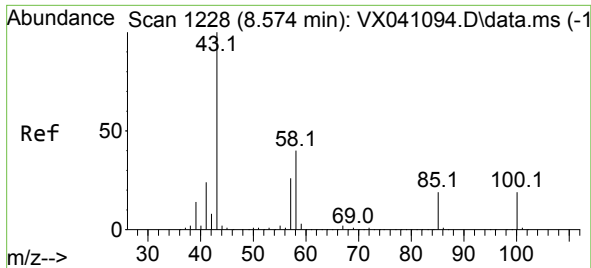
Tgt Ion:117 Resp: 17932
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.792 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041223.D
Acq: 23 Apr 2024 18:22

Tgt Ion: 98 Resp: 304004
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

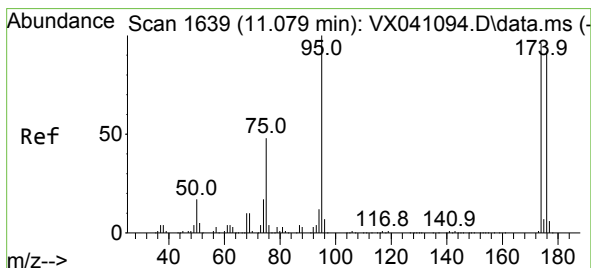
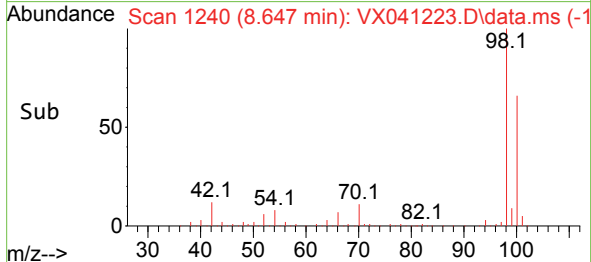
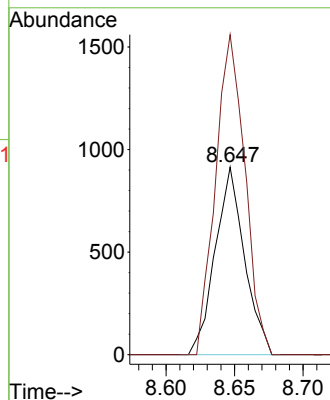
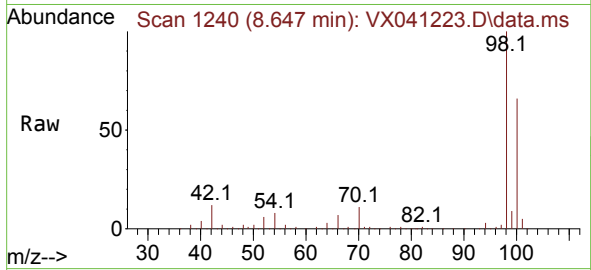




#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041223.D
Acq: 23 Apr 2024 18:22

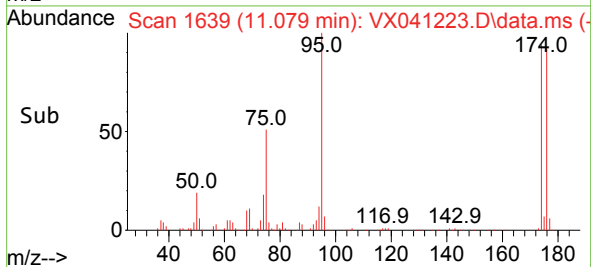
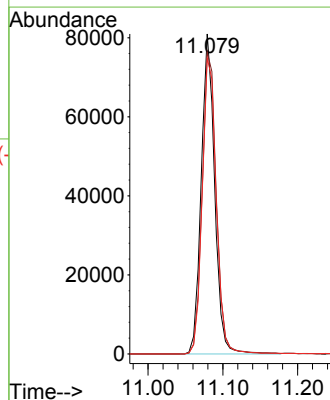
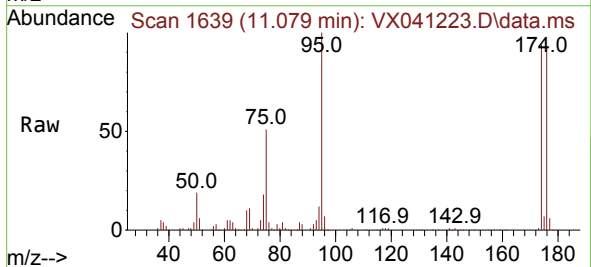
Instrument :
MSVOA_X
ClientSampleId :

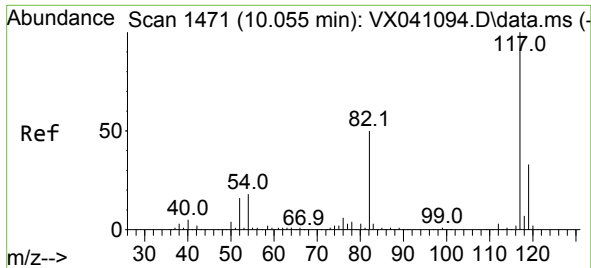
Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
58 171.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.839 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041223.D
Acq: 23 Apr 2024 18:22

Tgt Ion: 95 Resp: 100817
Ion Ratio Lower Upper
95 100
174 99.9 0.0 135.6
176 97.0 0.0 131.0

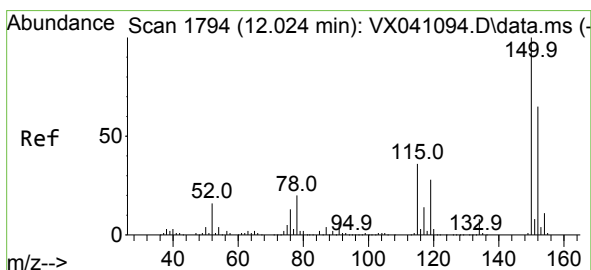
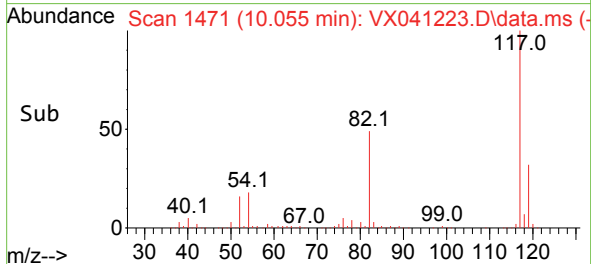
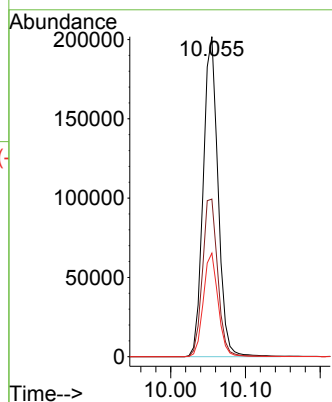
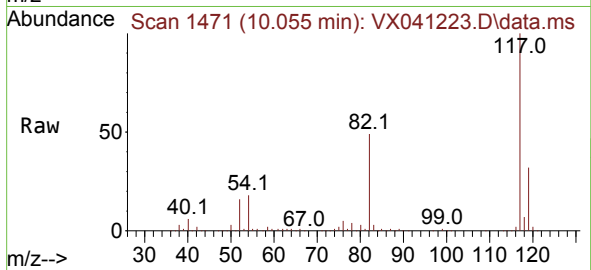




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041223.D
Acq: 23 Apr 2024 18:22

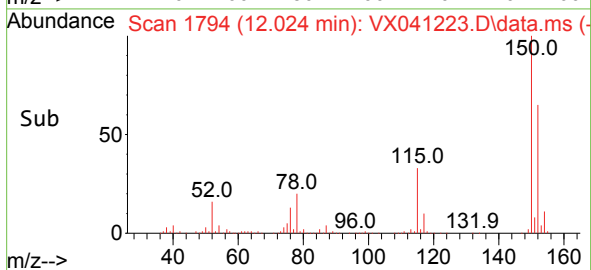
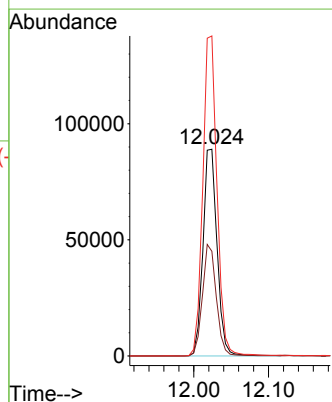
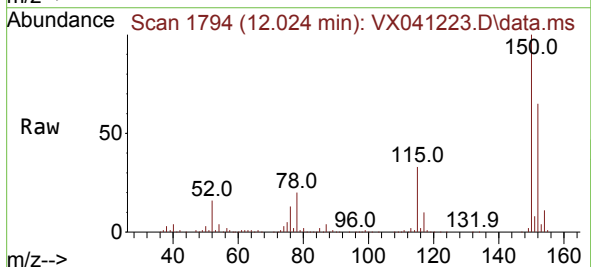
Instrument :
MSVOA_X
ClientSampleId :

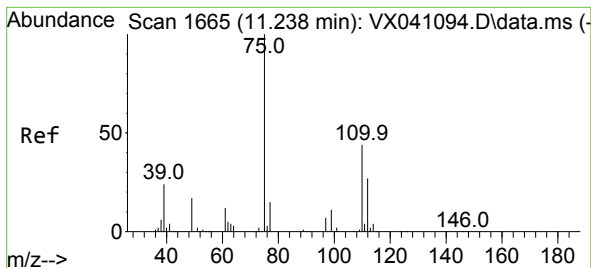
Tgt Ion:117 Resp: 277981
Ion Ratio Lower Upper
117 100
82 49.3 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041223.D
Acq: 23 Apr 2024 18:22

Tgt Ion:152 Resp: 116660
Ion Ratio Lower Upper
152 100
115 53.3 43.3 129.9
150 156.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.144 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041223.D

Acq: 23 Apr 2024 18:22

Instrument :

MSVOA_X

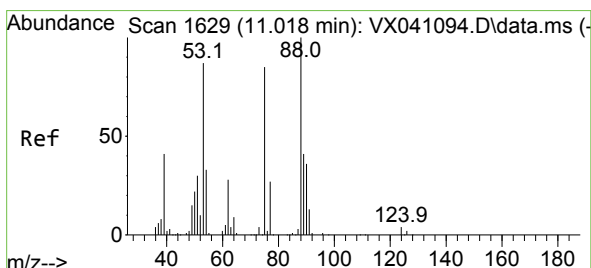
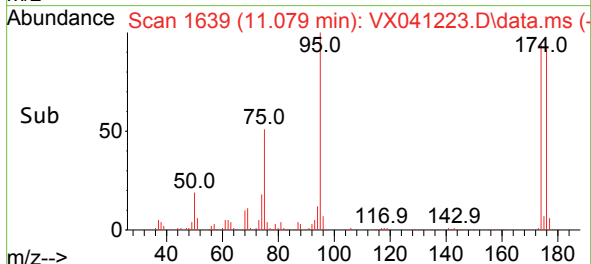
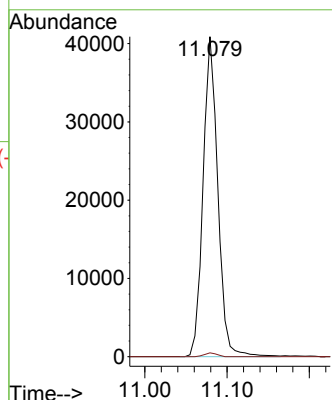
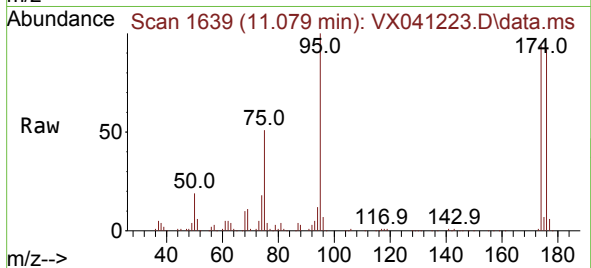
ClientSampleId :

Tgt Ion: 75 Resp: 51020

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.582 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041223.D

Acq: 23 Apr 2024 18:22

Tgt Ion: 75 Resp: 51020

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

