

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041113.D
 Acq On : 16 Apr 2024 18:24
 Operator : JC/MD
 Sample : P2113-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 404

Quant Time: Apr 17 02:14:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

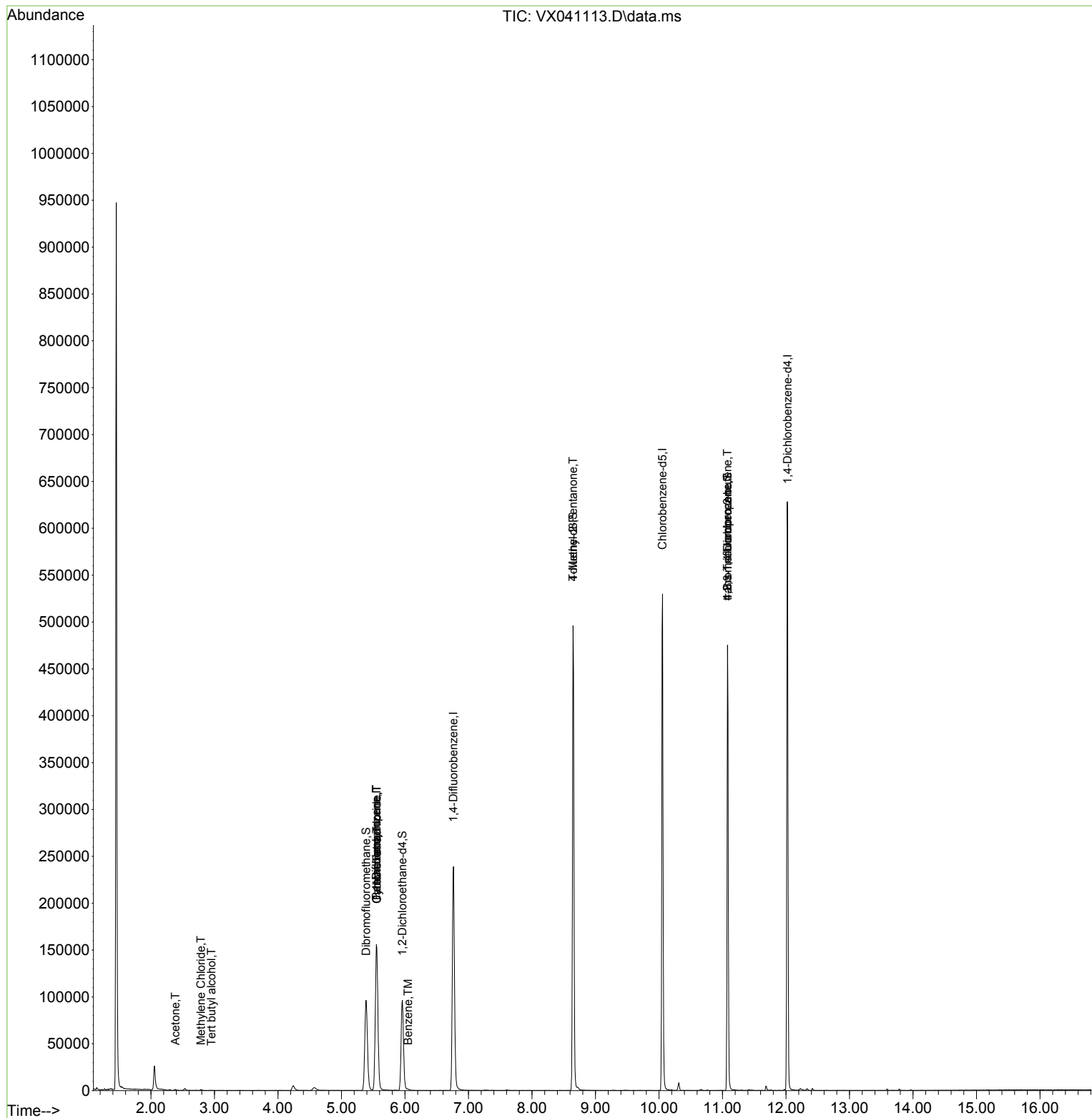
Internal Standards						
1) Pentafluorobenzene	5.550	168	167445	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	254261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95018	52.560	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.120%	
35) Dibromofluoromethane	5.385	113	83514	49.169	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.340%	
50) Toluene-d8	8.647	98	301934	50.750	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	11.079	95	115215	51.015	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	91	0.257	ug/l	# 78
16) Acetone	2.386	43	1102	1.450	ug/l	94
20) Methylene Chloride	2.788	84	504	0.311	ug/l	# 77
31) Cyclohexane	5.556	56	2790	1.246	ug/l	# 6
36) 1,1-Dichloropropene	5.550	75	10387	4.830	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	14207	5.698	ug/l	# 15
40) Benzene	6.050	78	1360	0.207	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	1223	0.472	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	58630	25.093	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	58630	64.121	ug/l	# 5

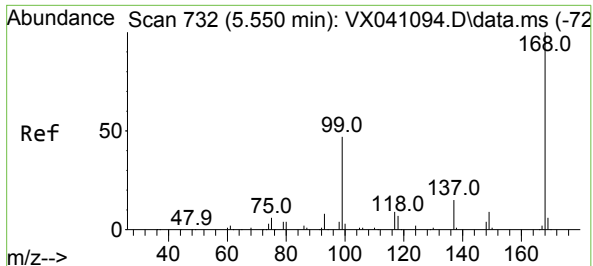
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration

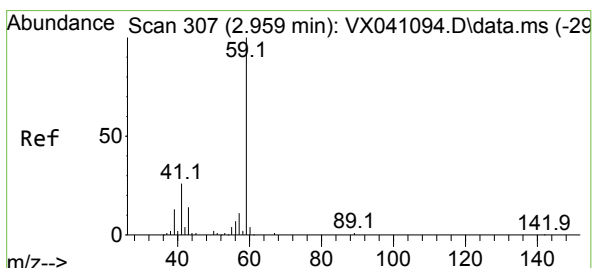
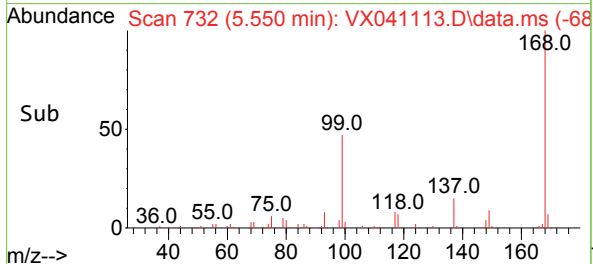
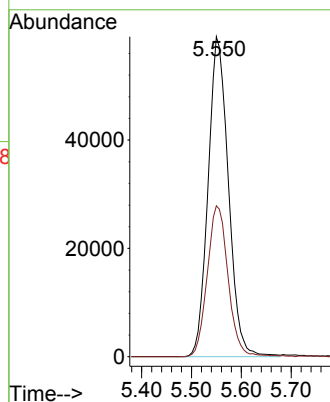
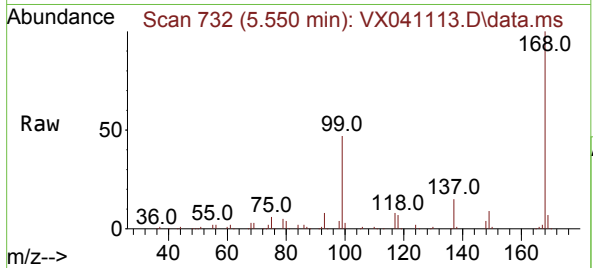




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

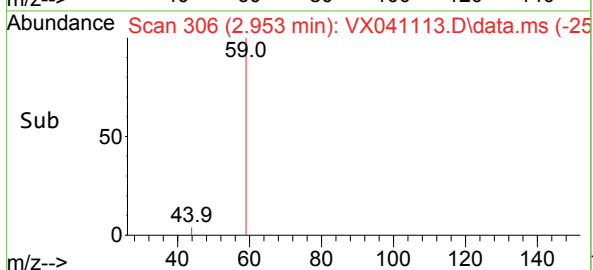
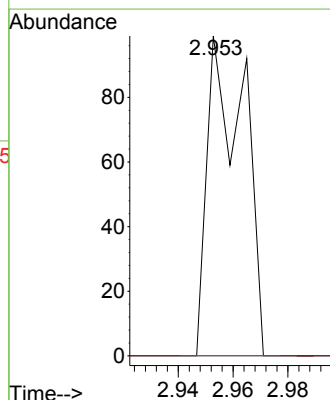
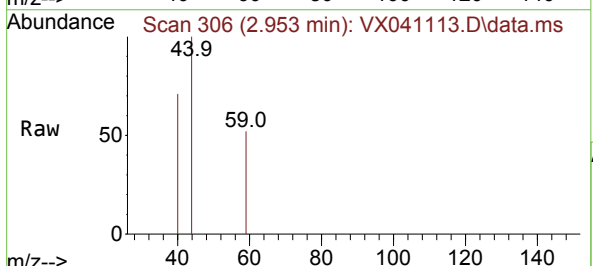
Instrument :
MSVOA_X
ClientSampleId :
404

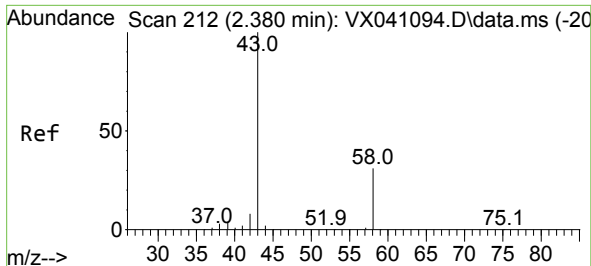
Tgt Ion:168 Resp: 167445
Ion Ratio Lower Upper
168 100
99 47.1 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.257 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

Tgt Ion: 59 Resp: 91
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 1.450 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX041113.D

Acq: 16 Apr 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

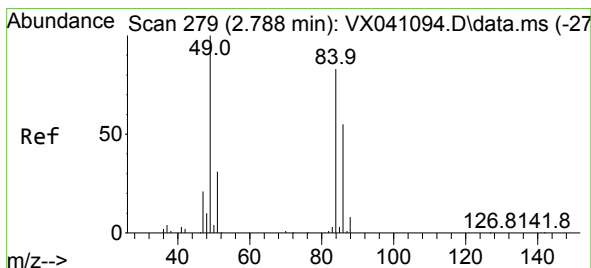
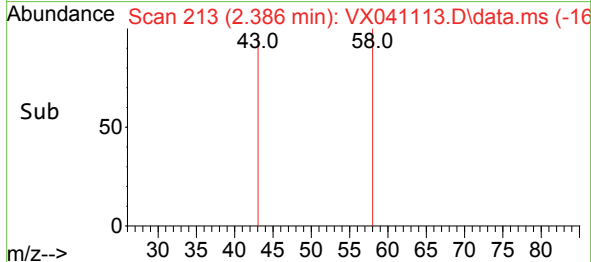
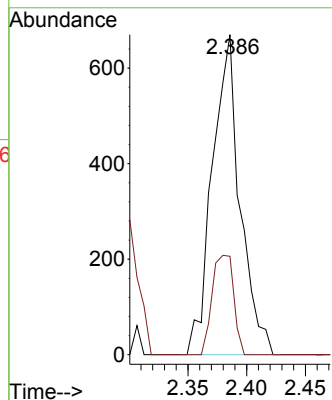
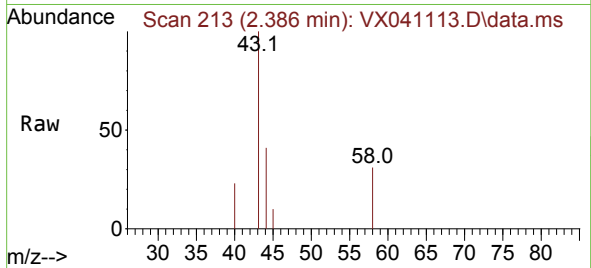
404

Tgt Ion: 43 Resp: 1102

Ion Ratio Lower Upper

43 100

58 30.7 21.9 32.9



#20

Methylene Chloride

Concen: 0.311 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041113.D

Acq: 16 Apr 2024 18:24

Tgt Ion: 84 Resp: 504

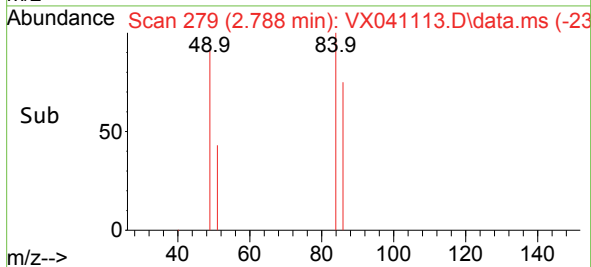
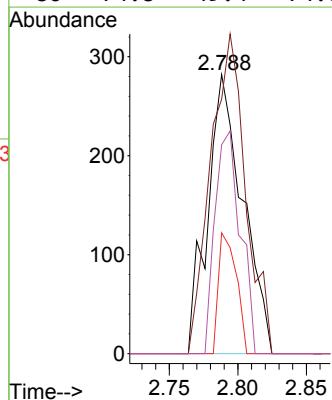
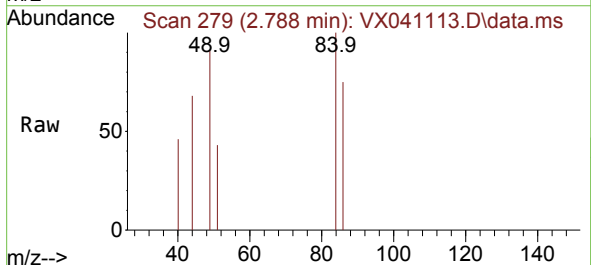
Ion Ratio Lower Upper

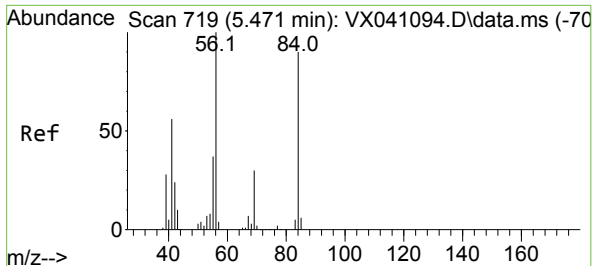
84 100

49 91.1 103.6 155.4#

51 43.3 33.8 50.6

86 74.8 49.4 74.0#

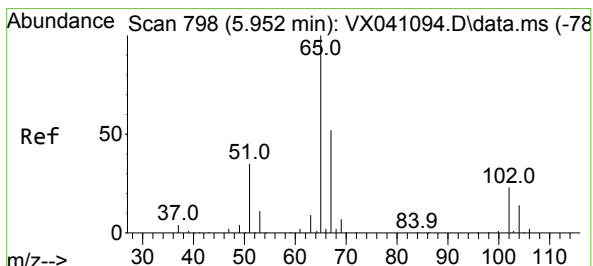
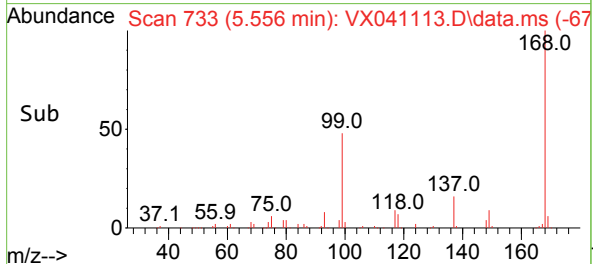
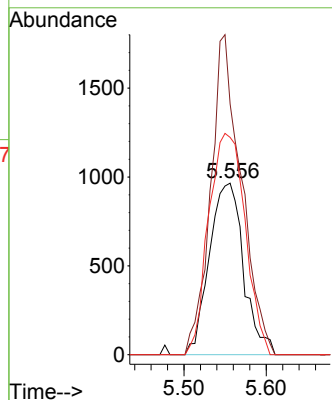
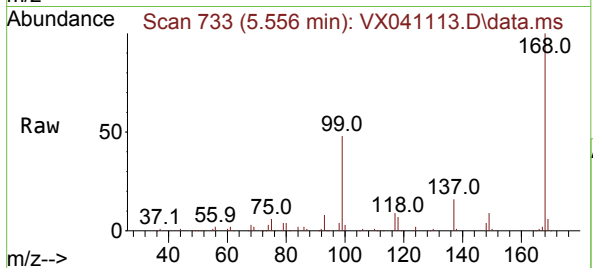




#31
Cyclohexane
Concen: 1.246 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

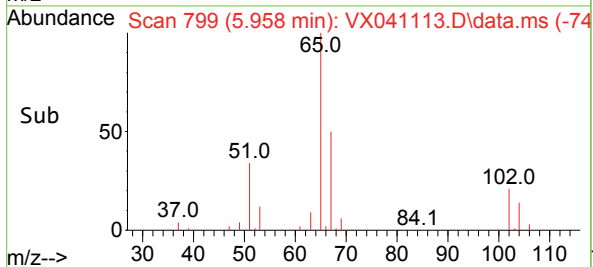
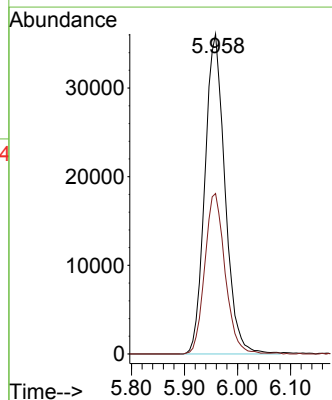
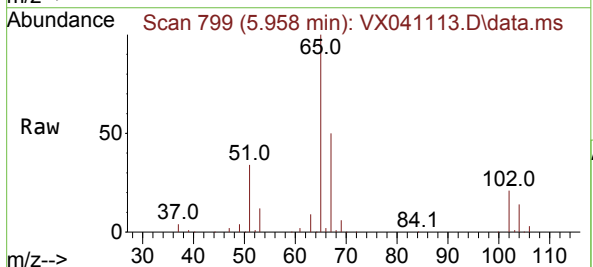
Instrument :
MSVOA_X
ClientSampleId :
404

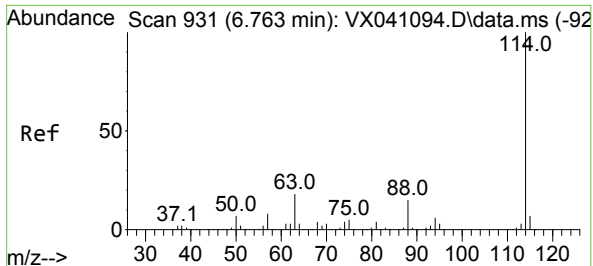
Tgt Ion: 56 Resp: 2790
Ion Ratio Lower Upper
56 100
69 146.2 23.4 35.2#
84 126.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.560 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

Tgt Ion: 65 Resp: 95018
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

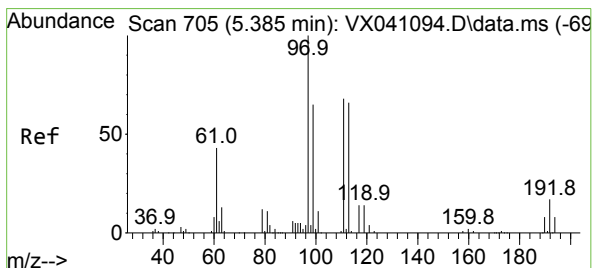
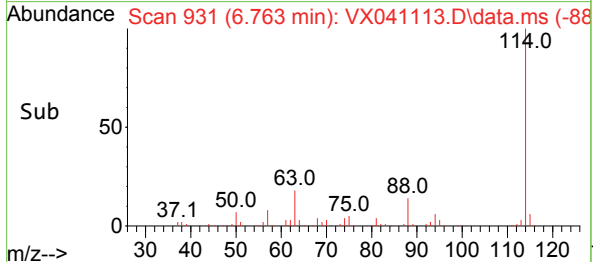
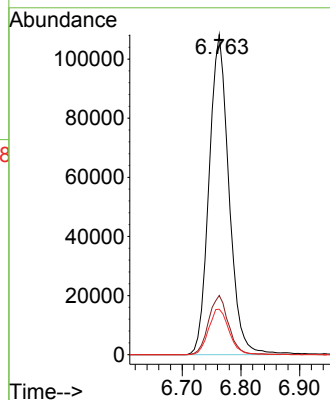
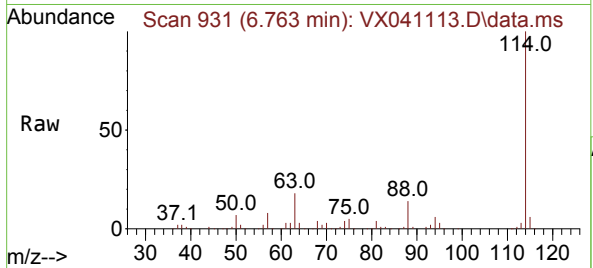




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

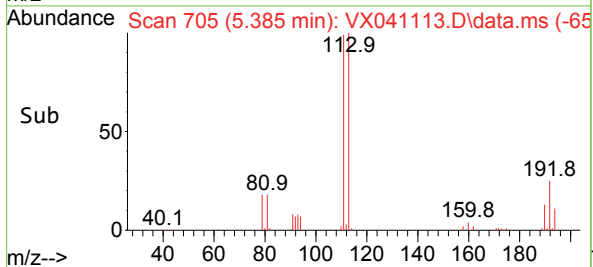
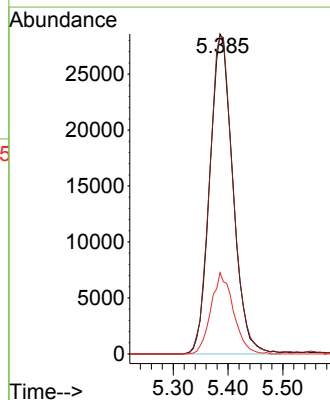
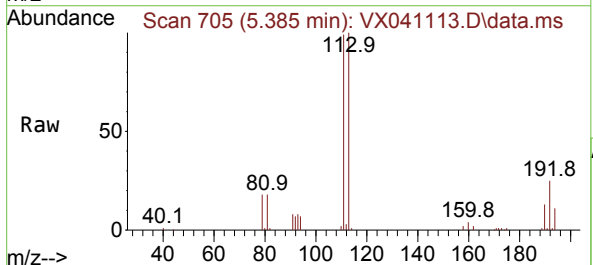
Instrument :
MSVOA_X
ClientSampleId :
404

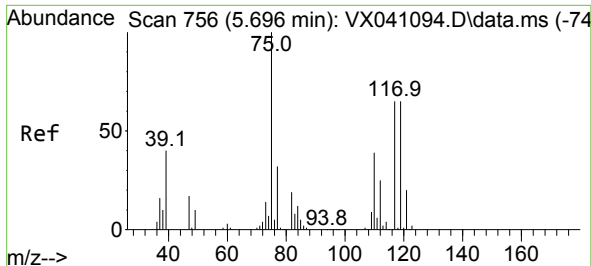
Tgt Ion:114 Resp: 254261
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 14.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.169 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

Tgt Ion:113 Resp: 83514
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 24.7 13.3 19.9#

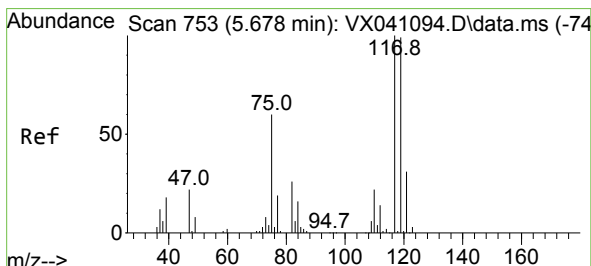
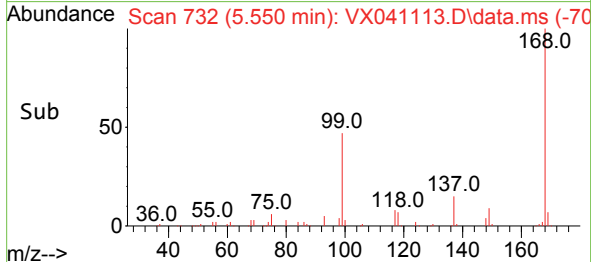
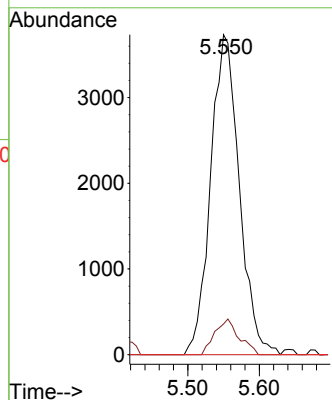
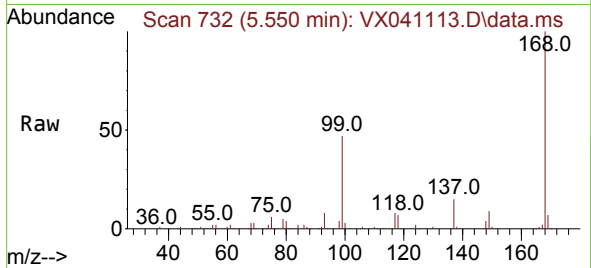




#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.146 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

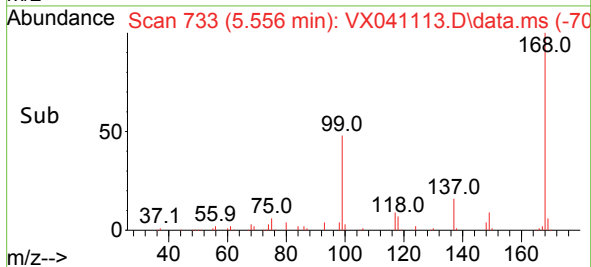
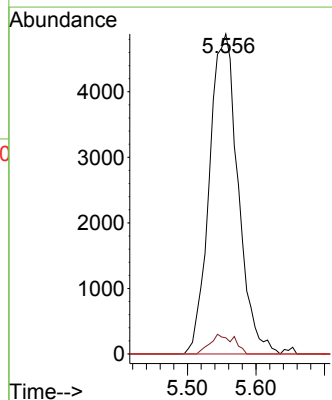
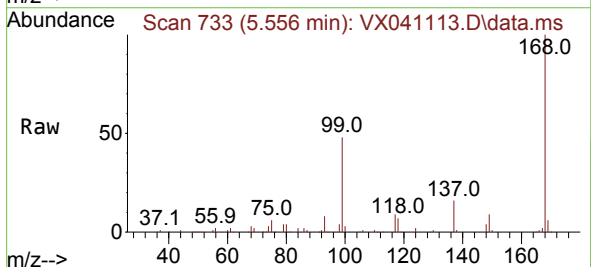
Instrument :
MSVOA_X
ClientSampleId :
404

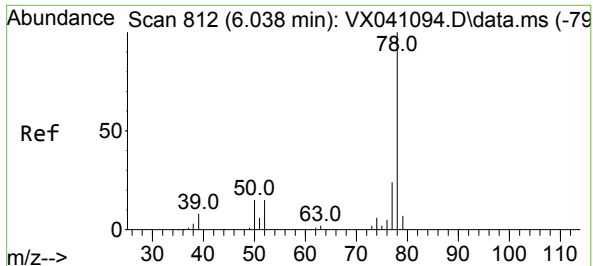
Tgt Ion: 75 Resp: 10387
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.698 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

Tgt Ion: 117 Resp: 14207
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#





#40

Benzene

Concen: 0.207 ug/l

RT: 6.050 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX041113.D

Acq: 16 Apr 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

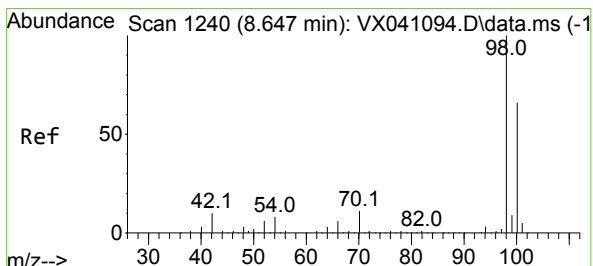
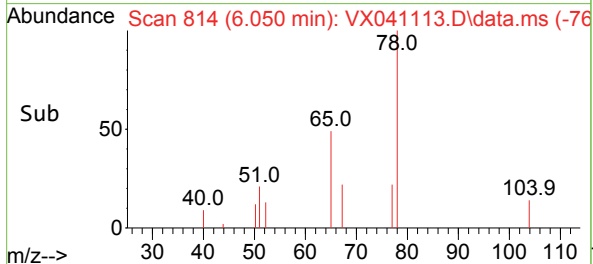
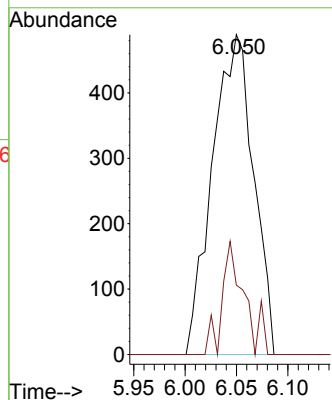
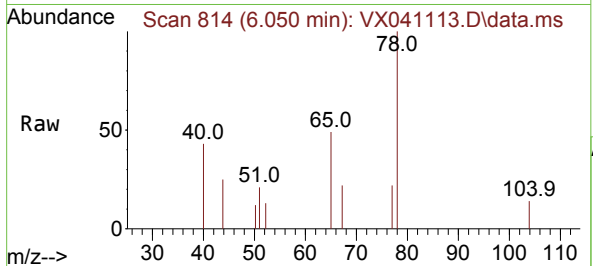
404

Tgt Ion: 78 Resp: 1360

Ion Ratio Lower Upper

78 100

77 21.7 19.3 28.9



#50

Toluene-d8

Concen: 50.750 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041113.D

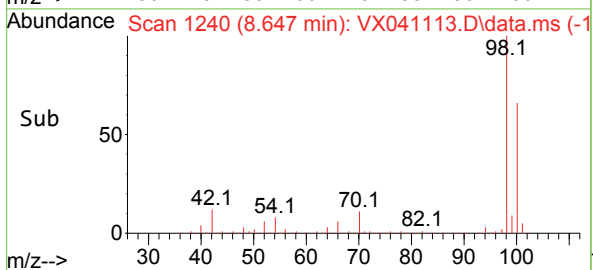
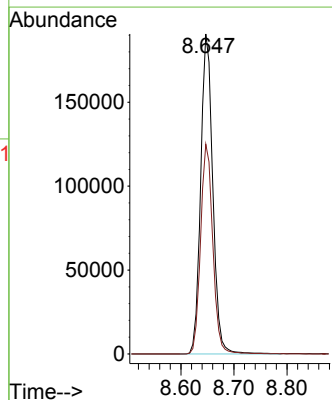
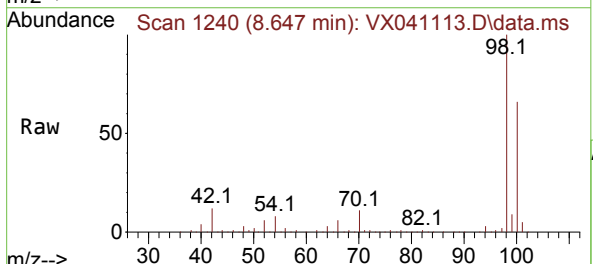
Acq: 16 Apr 2024 18:24

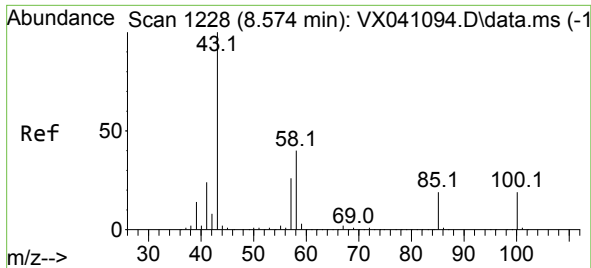
Tgt Ion: 98 Resp: 301934

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7

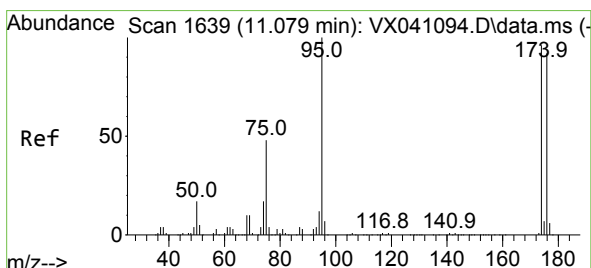
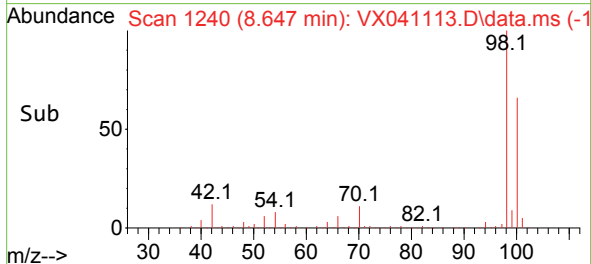
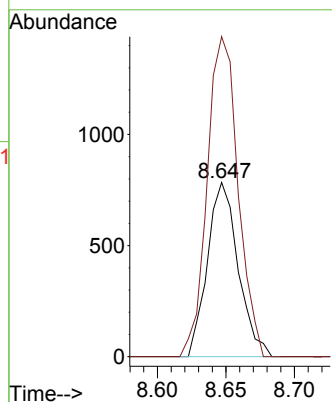
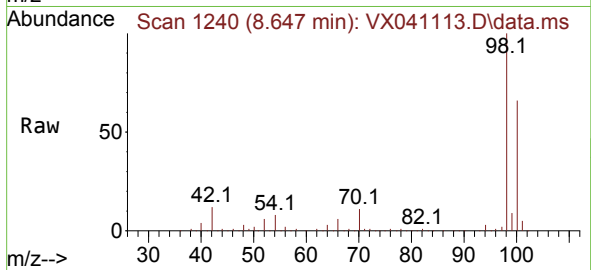




#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

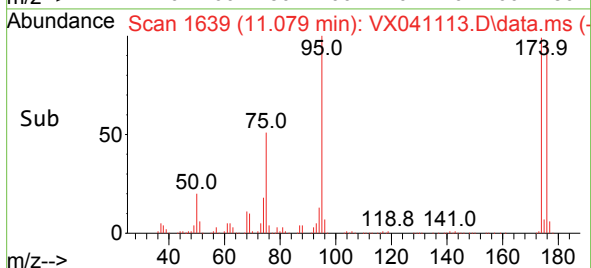
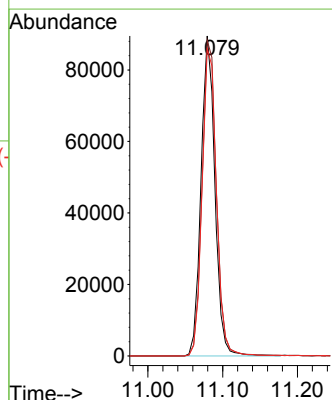
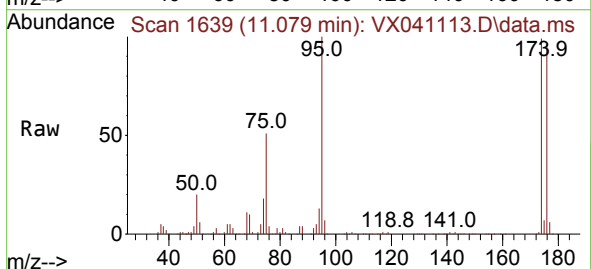
Instrument :
MSVOA_X
ClientSampleId :
404

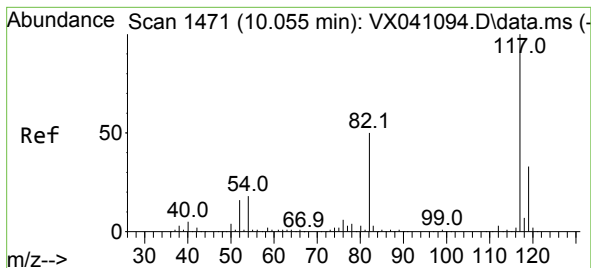
Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
58 184.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.015 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041113.D
Acq: 16 Apr 2024 18:24

Tgt Ion: 95 Resp: 115215
Ion Ratio Lower Upper
95 100
174 101.8 0.0 135.6
176 99.7 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: VX041113.D

Acq: 16 Apr 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

404

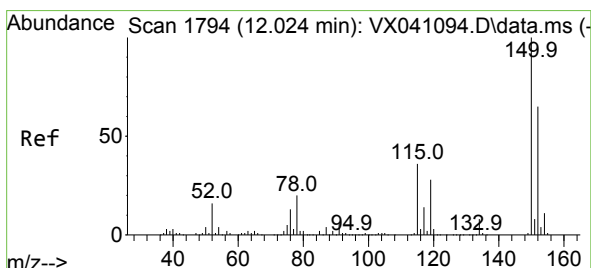
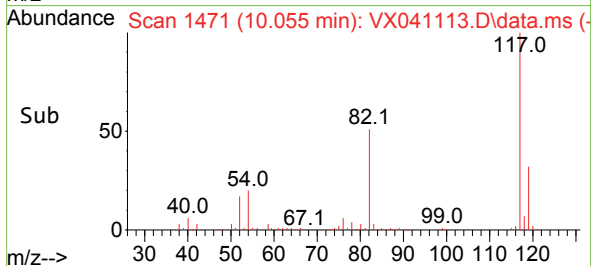
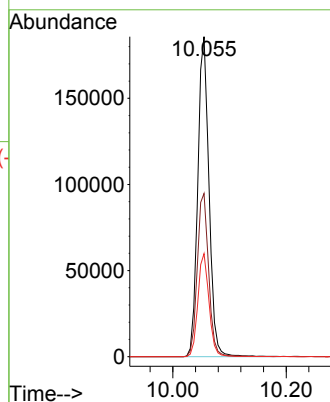
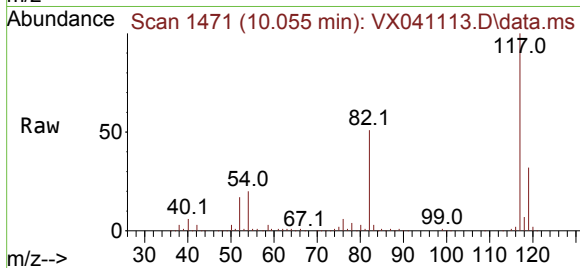
Tgt Ion:117 Resp: 255450

Ion Ratio Lower Upper

117 100

82 51.0 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: VX041113.D

Acq: 16 Apr 2024 18:24

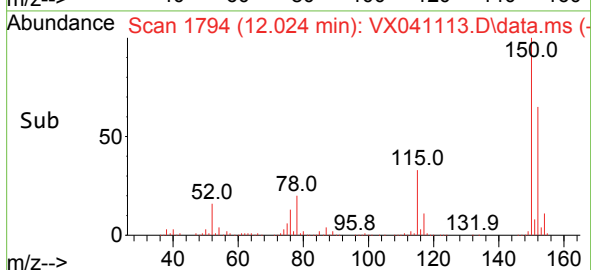
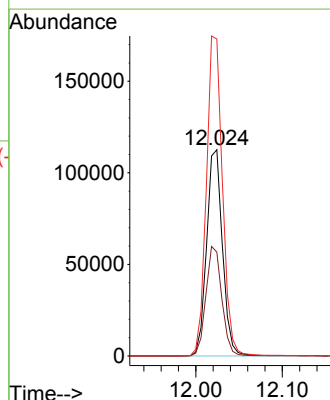
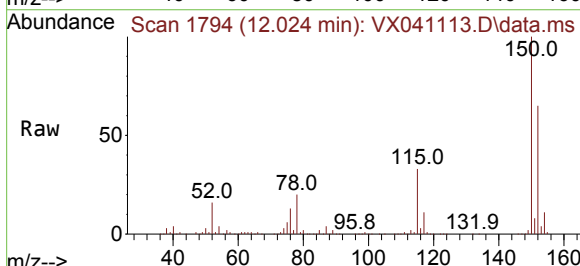
Tgt Ion:152 Resp: 143374

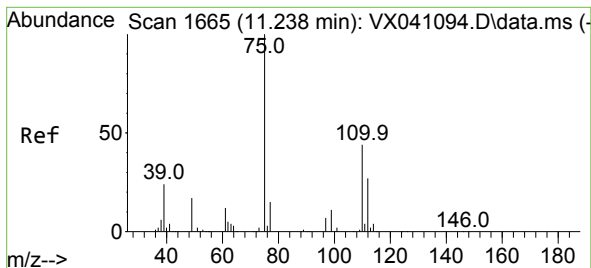
Ion Ratio Lower Upper

152 100

115 53.2 43.3 129.9

150 157.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.093 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX041113.D

Acq: 16 Apr 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

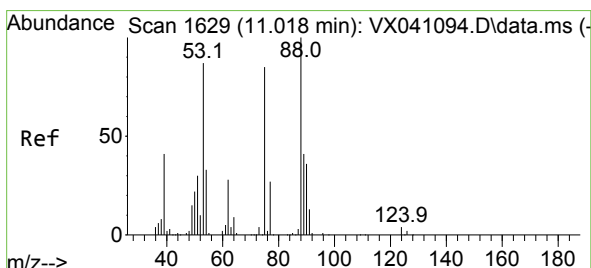
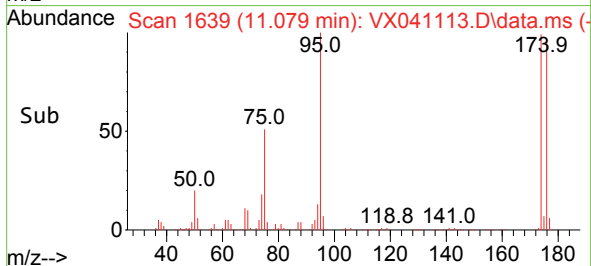
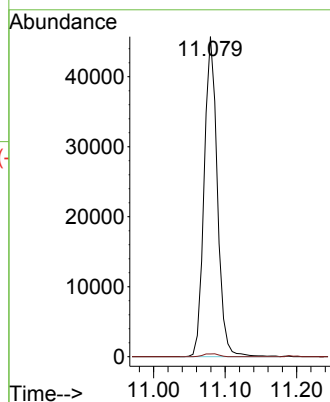
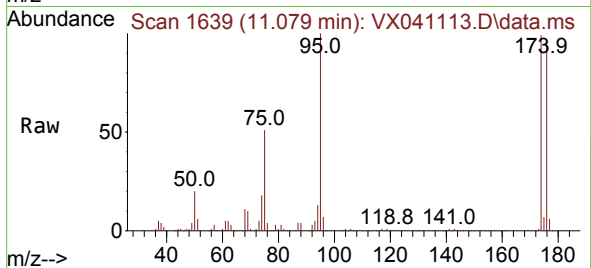
404

Tgt Ion: 75 Resp: 58630

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.121 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041113.D

Acq: 16 Apr 2024 18:24

Tgt Ion: 75 Resp: 58630

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

