

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040407.D
 Acq On : 22 Feb 2024 17:21
 Operator : JC/MD
 Sample : P1532-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 23 00:10:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

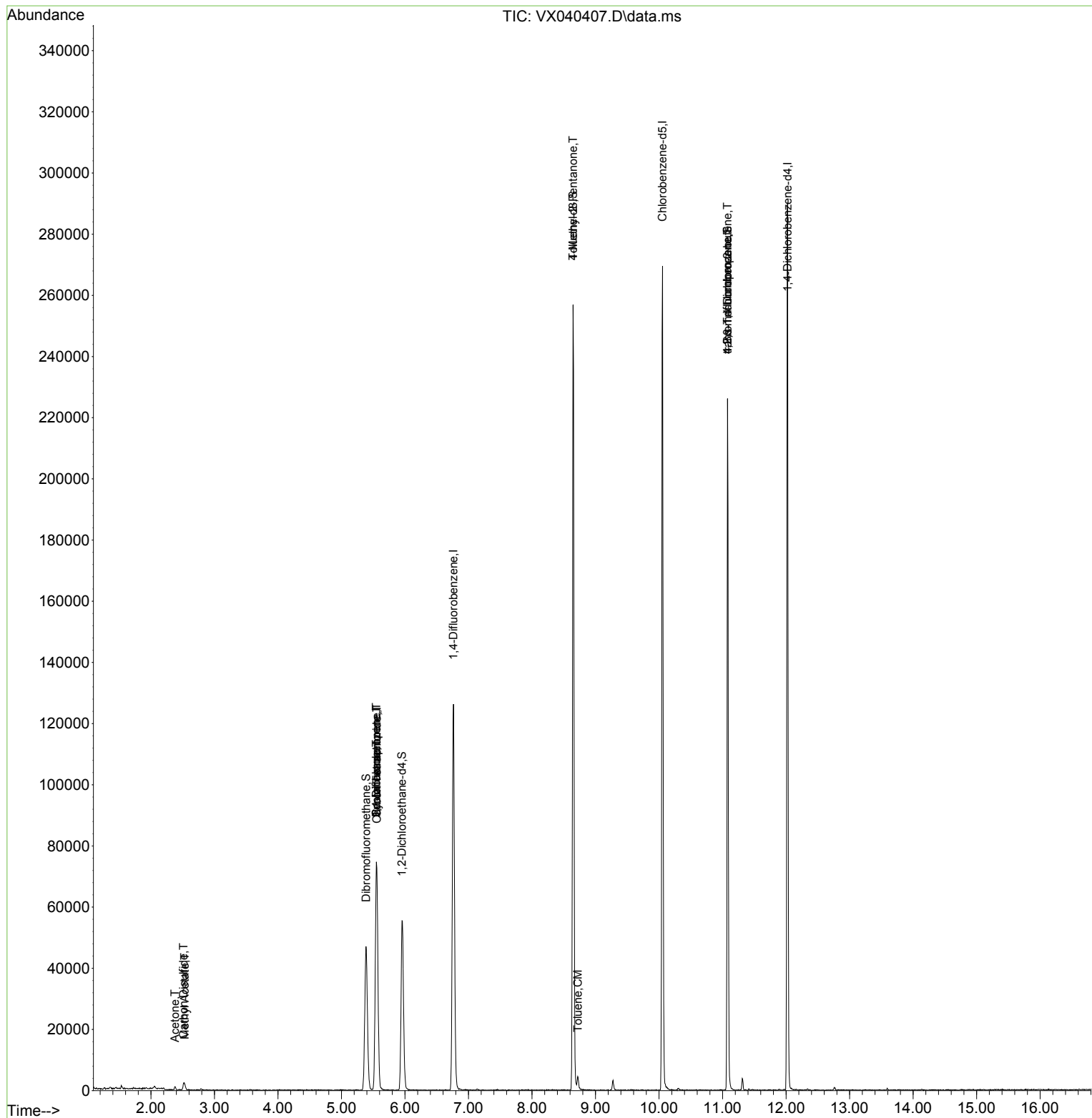
Internal Standards						
1) Pentafluorobenzene	5.550	168	66603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121169	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54726	55.231	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.460%	
35) Dibromofluoromethane	5.385	113	40595	47.975	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.940%	
50) Toluene-d8	8.647	98	148248	46.835	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.680%	
62) 4-Bromofluorobenzene	11.079	95	57085	44.220	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.440%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1234	3.032	ug/l	90
17) Carbon Disulfide	2.514	76	1828	1.018	ug/l #	93
18) Methyl Acetate	2.532	43	540	0.495	ug/l #	53
20) Methylene Chloride	2.788	84	256	Below Cal	#	56
31) Cyclohexane	5.550	56	1955	1.654	ug/l #	30
36) 1,1-Dichloropropene	5.550	75	6074	5.124	ug/l #	51
38) Carbon Tetrachloride	5.556	117	7265	6.446	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	744	0.529	ug/l #	1
52) Toluene	8.720	92	1410	0.649	ug/l #	70
76) 1,2,3-Trichloropropane	11.079	75	32456	28.335	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	32456	77.468	ug/l #	5

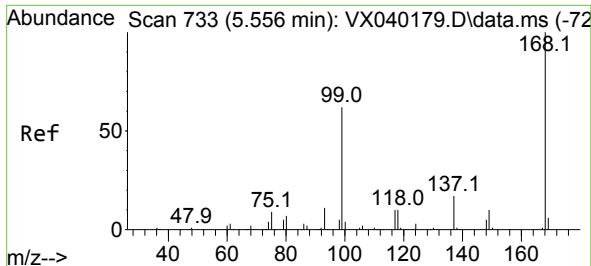
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
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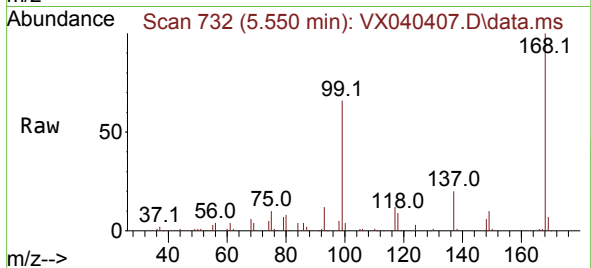
Quant Time: Feb 23 00:10:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



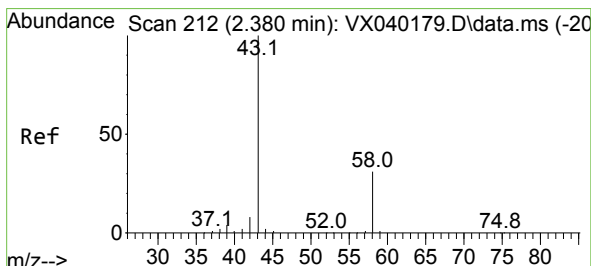
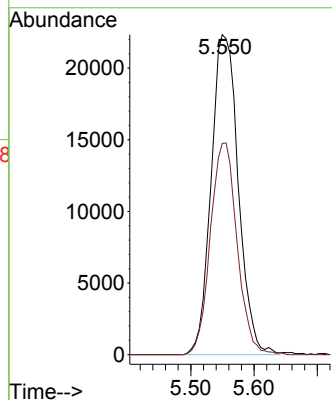
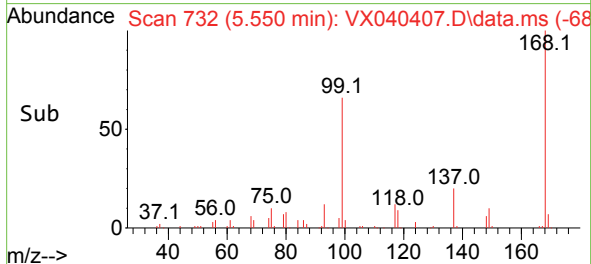


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040407.D
Acq: 22 Feb 2024 17:21

Instrument :
MSVOA_X
ClientSampleId :

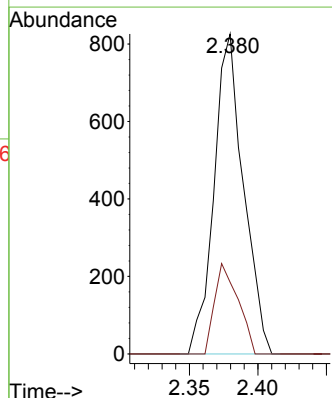
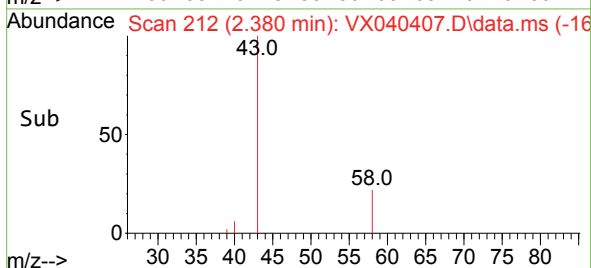
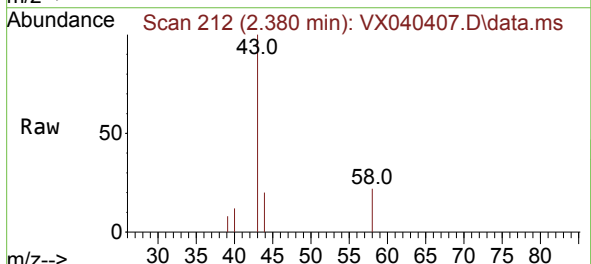


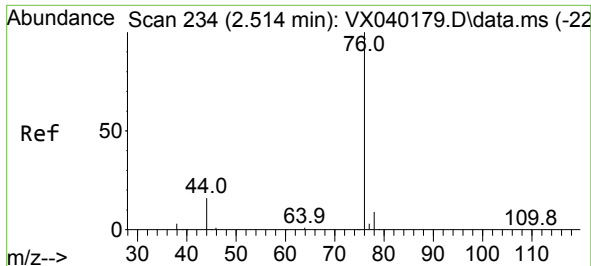
Tgt Ion:168 Resp: 66603
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0



#16
Acetone
Concen: 3.032 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040407.D
Acq: 22 Feb 2024 17:21

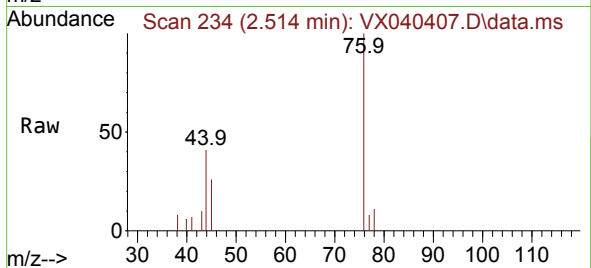
Tgt Ion: 43 Resp: 1234
Ion Ratio Lower Upper
43 100
58 22.4 21.9 32.9



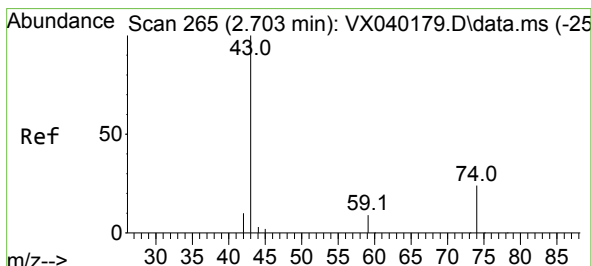
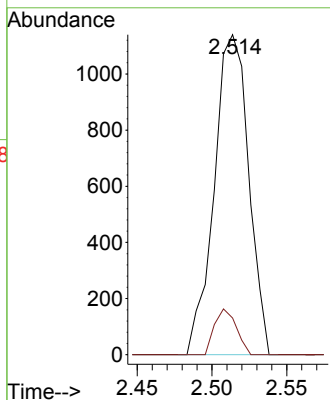
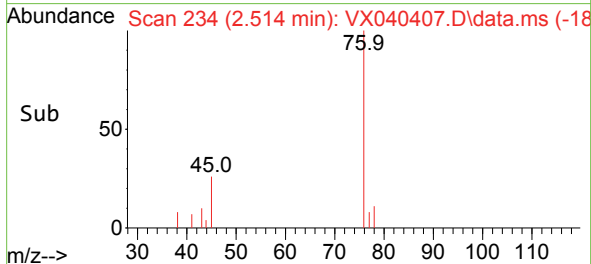


#17
Carbon Disulfide
Concen: 1.018 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040407.D
Acq: 22 Feb 2024 17:21

Instrument :
MSVOA_X
ClientSampleId :

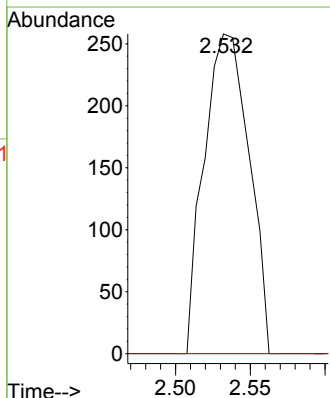
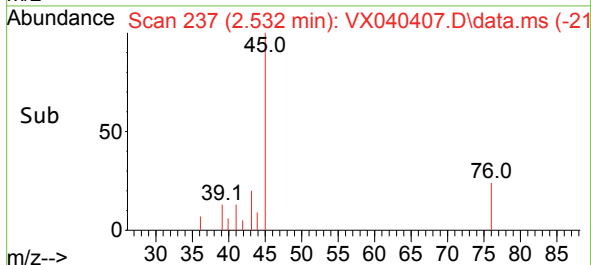
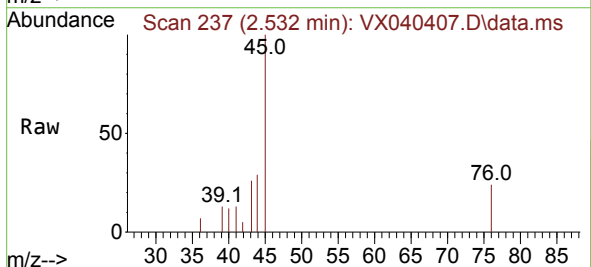


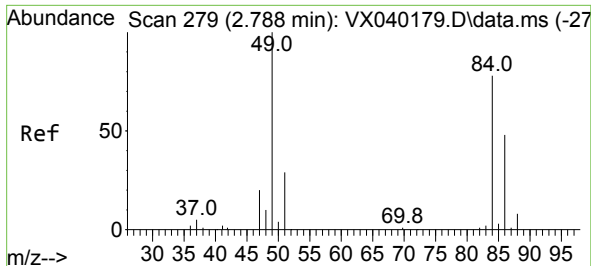
Tgt Ion: 76 Resp: 1828
Ion Ratio Lower Upper
76 100
78 11.5 7.0 10.6#



#18
Methyl Acetate
Concen: 0.495 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX040407.D
Acq: 22 Feb 2024 17:21

Tgt Ion: 43 Resp: 540
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

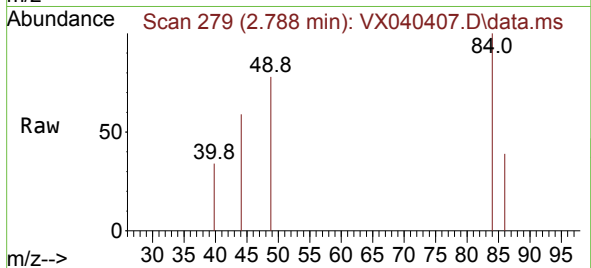
Lab File: VX040407.D

Acq: 22 Feb 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 256

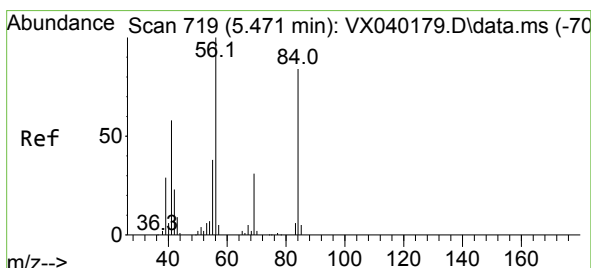
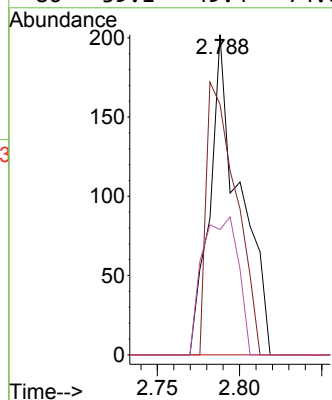
Ion Ratio Lower Upper

84 100

49 78.2 103.6 155.4#

51 0.0 33.8 50.6#

86 39.1 49.4 74.0#



#31

Cyclohexane

Concen: 1.654 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX040407.D

Acq: 22 Feb 2024 17:21

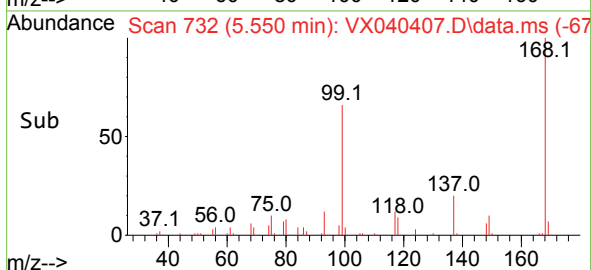
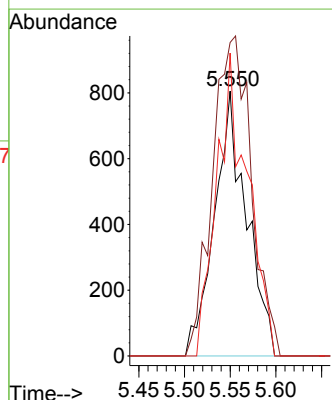
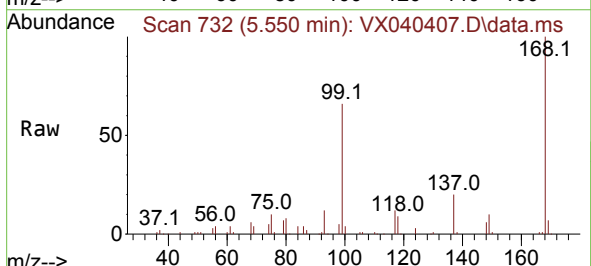
Tgt Ion: 56 Resp: 1955

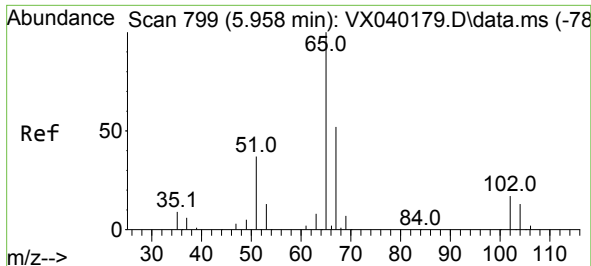
Ion Ratio Lower Upper

56 100

69 118.4 23.4 35.2#

84 114.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 55.231 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

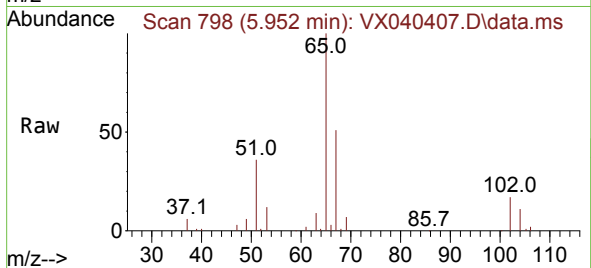
Lab File: VX040407.D

Acq: 22 Feb 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

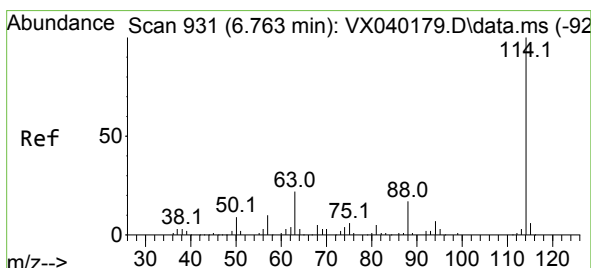
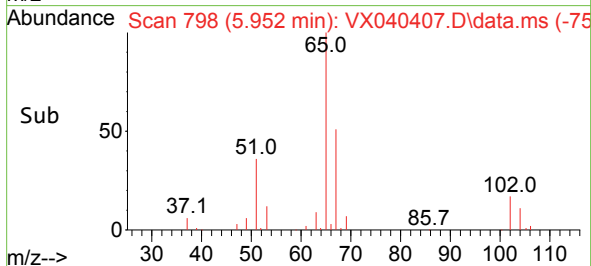
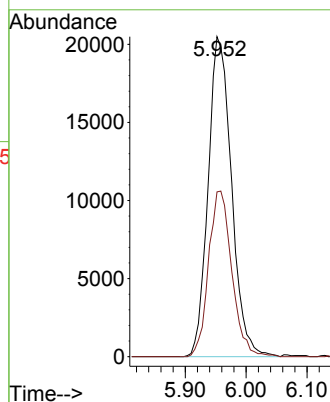


Tgt Ion: 65 Resp: 54726

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040407.D

Acq: 22 Feb 2024 17:21

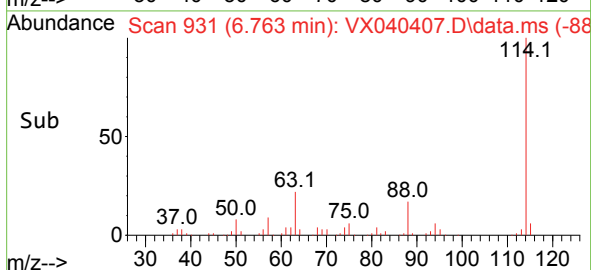
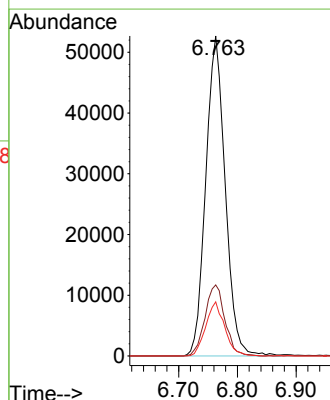
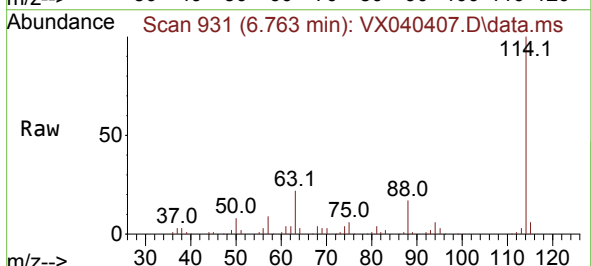
Tgt Ion: 114 Resp: 121169

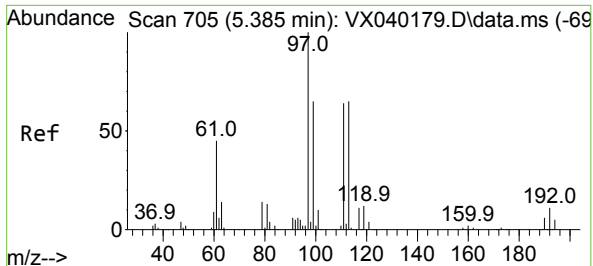
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

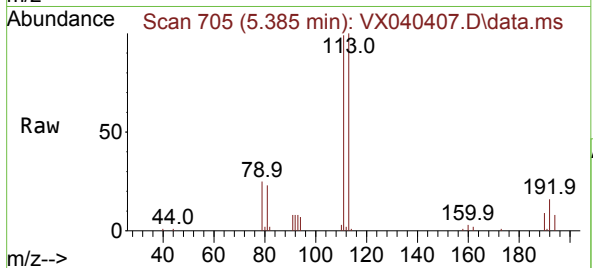
88 16.9 0.0 36.6



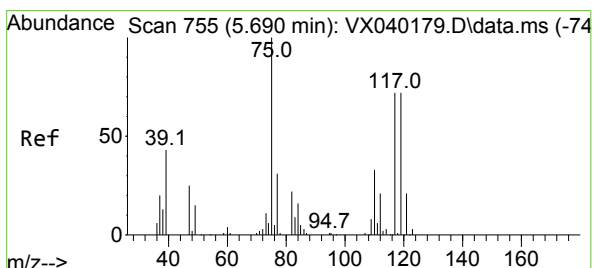
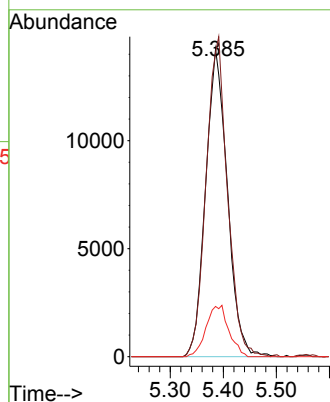
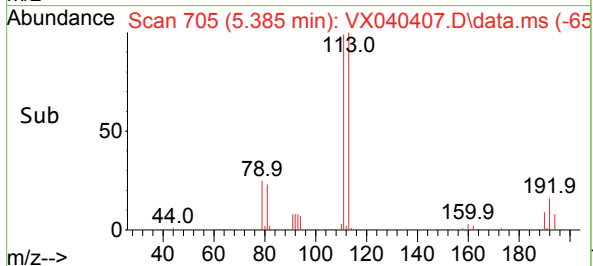


#35
Dibromofluoromethane
Concen: 47.975 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040407.D
Acq: 22 Feb 2024 17:21

Instrument :
MSVOA_X
ClientSampleId :

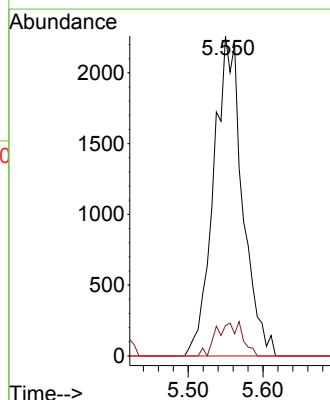
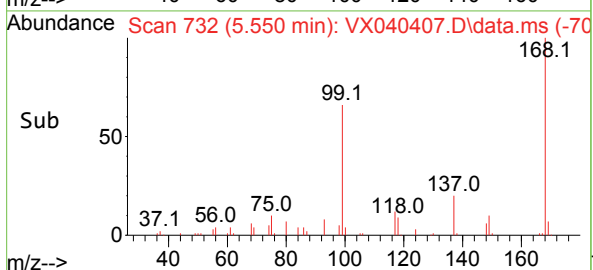
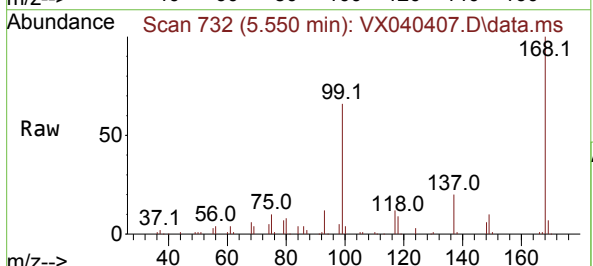


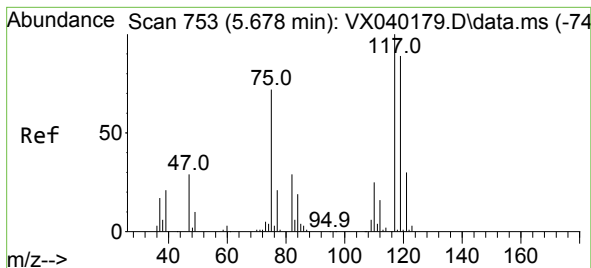
Tgt Ion:113 Resp: 40595
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 17.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.124 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040407.D
Acq: 22 Feb 2024 17:21

Tgt Ion: 75 Resp: 6074
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.446 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.116 min

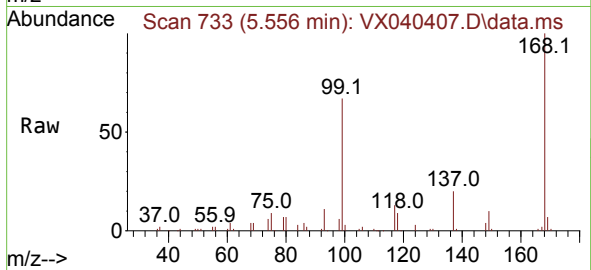
Lab File: VX040407.D

Acq: 22 Feb 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :



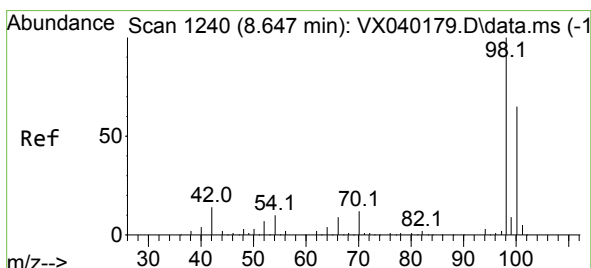
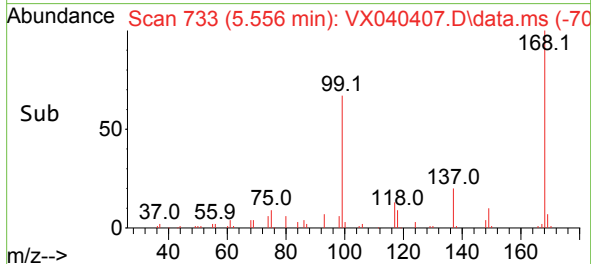
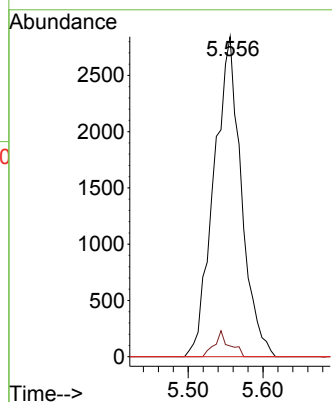
Tgt Ion:117 Resp: 7265

Ion Ratio Lower Upper

117 100

119 3.4 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 46.835 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040407.D

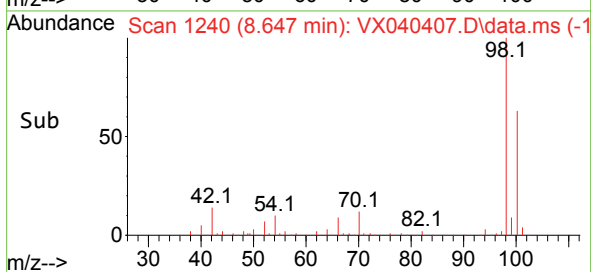
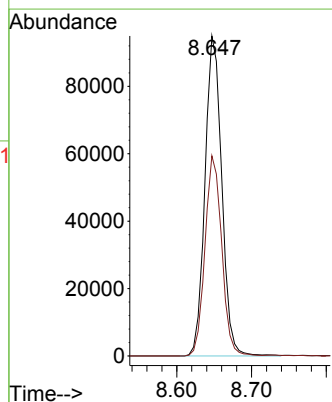
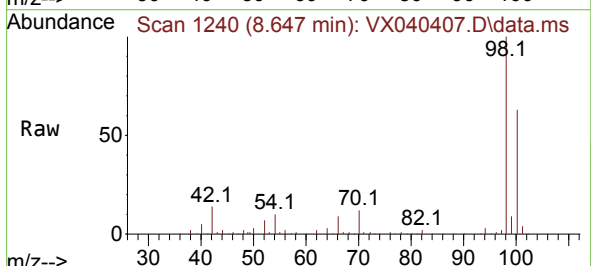
Acq: 22 Feb 2024 17:21

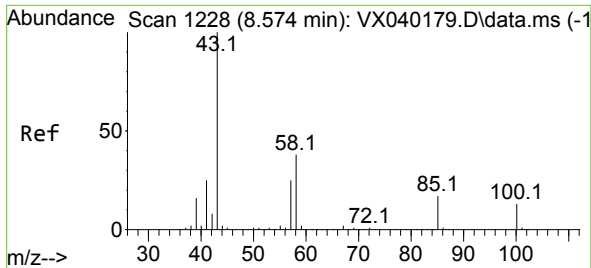
Tgt Ion: 98 Resp: 148248

Ion Ratio Lower Upper

98 100

100 62.3 53.1 79.7

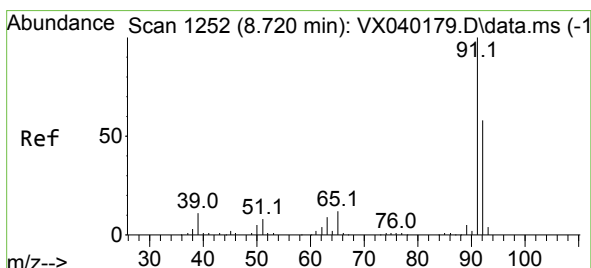
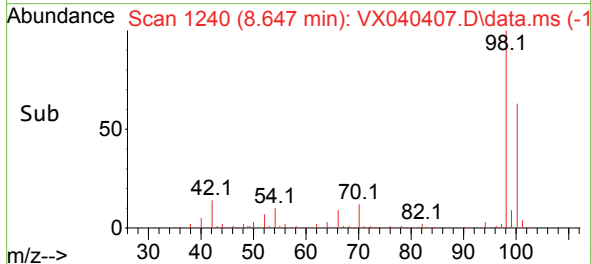
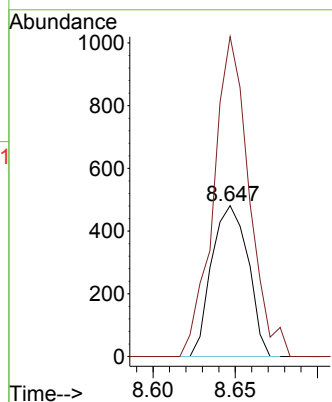
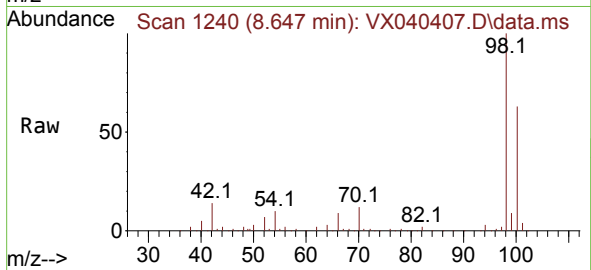




#51
4-Methyl-2-Pentanone
Concen: 0.529 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040407.D
Acq: 22 Feb 2024 17:21

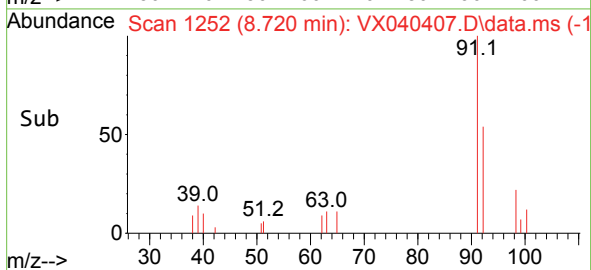
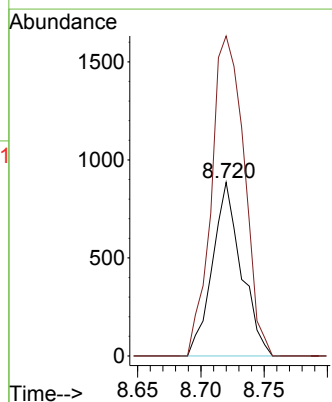
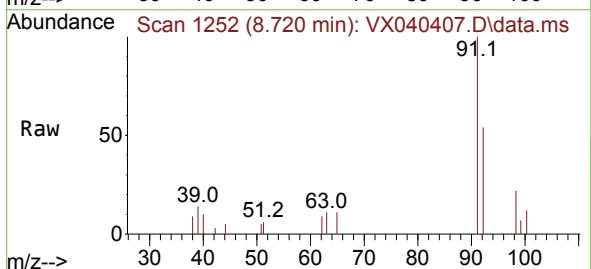
Instrument :
MSVOA_X
ClientSampleId :

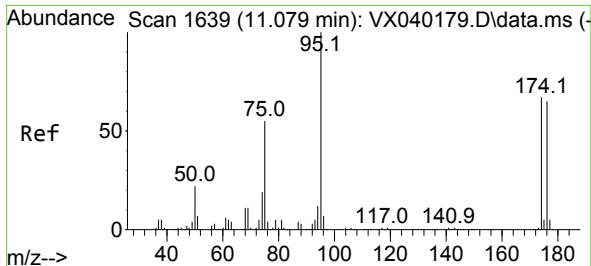
Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
58 207.4 30.4 45.6#



#52
Toluene
Concen: 0.649 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040407.D
Acq: 22 Feb 2024 17:21

Tgt Ion: 92 Resp: 1410
Ion Ratio Lower Upper
92 100
91 208.8 134.2 201.2#

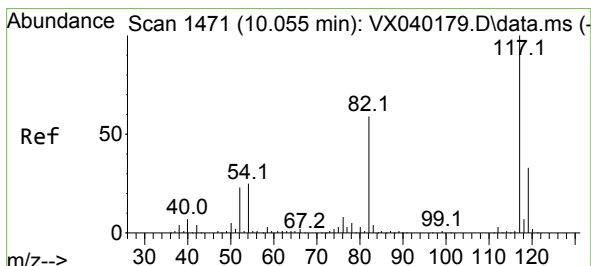
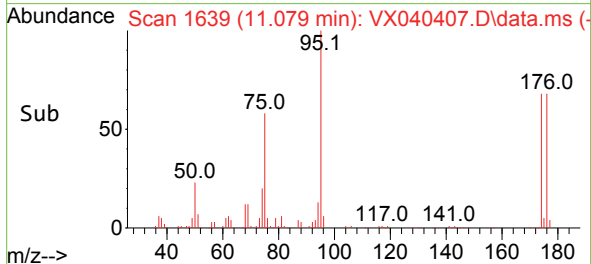
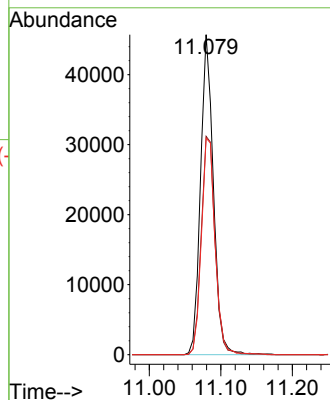
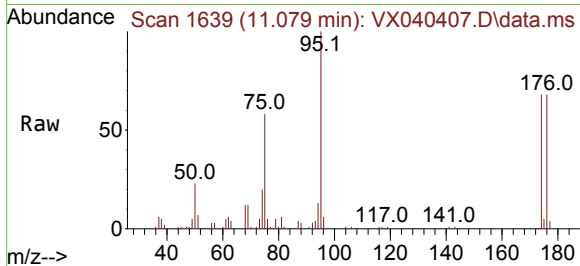




#62
4-Bromofluorobenzene
Concen: 44.220 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040407.D
Acq: 22 Feb 2024 17:21

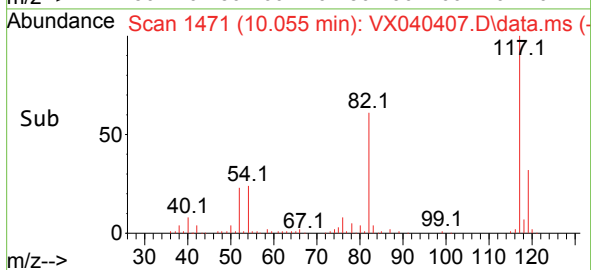
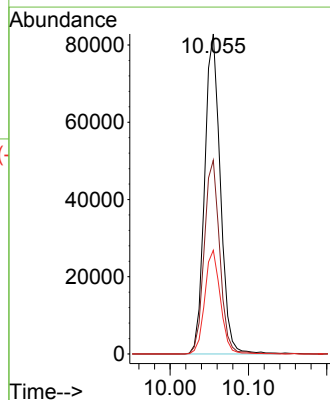
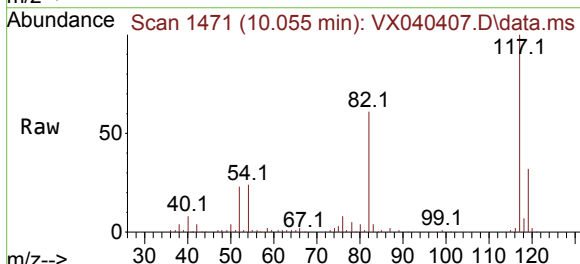
Instrument :
MSVOA_X
ClientSampleId :

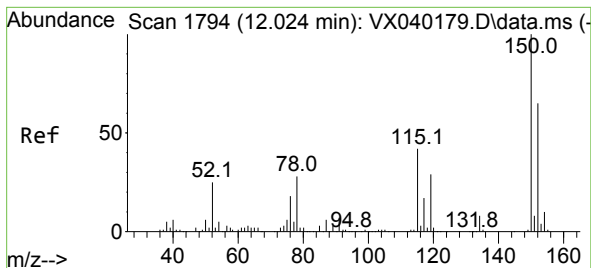
Tgt Ion: 95 Resp: 57085
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 72.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040407.D
Acq: 22 Feb 2024 17:21

Tgt Ion: 117 Resp: 115062
Ion Ratio Lower Upper
117 100
82 60.5 46.2 69.4
119 32.4 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: VX040407.D

Acq: 22 Feb 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

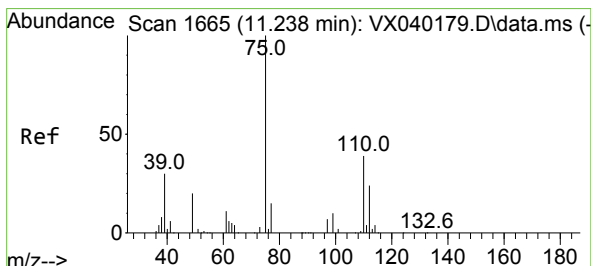
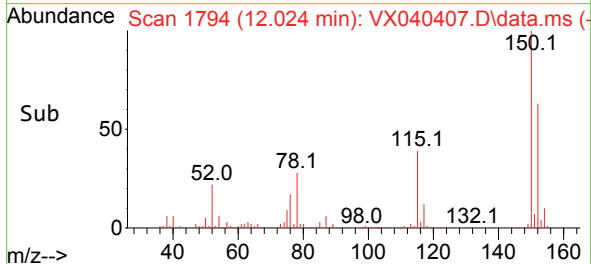
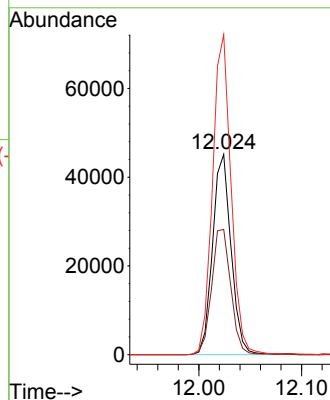
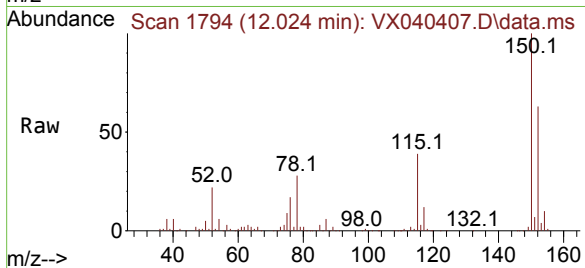
Tgt Ion:152 Resp: 56564

Ion Ratio Lower Upper

152 100

115 65.1 43.3 129.9

150 159.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 28.335 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040407.D

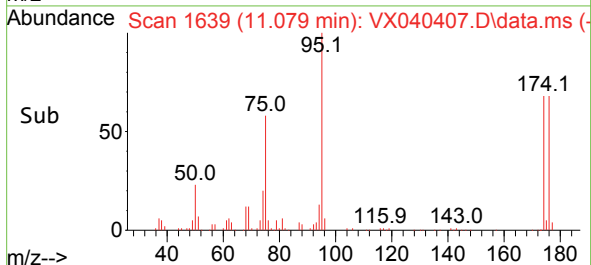
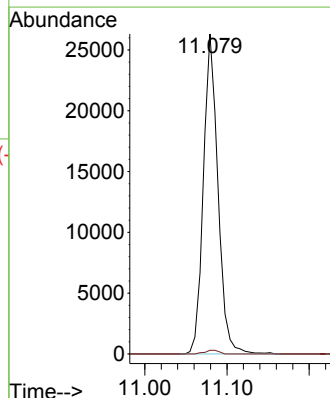
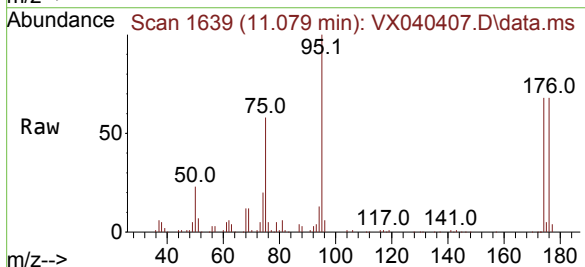
Acq: 22 Feb 2024 17:21

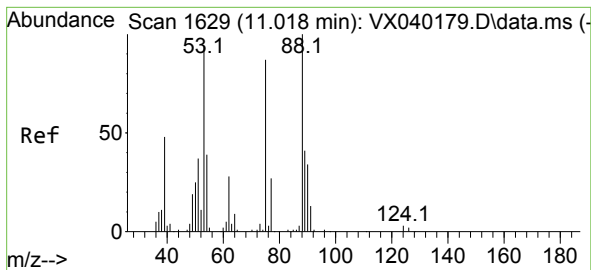
Tgt Ion: 75 Resp: 32456

Ion Ratio Lower Upper

75 100

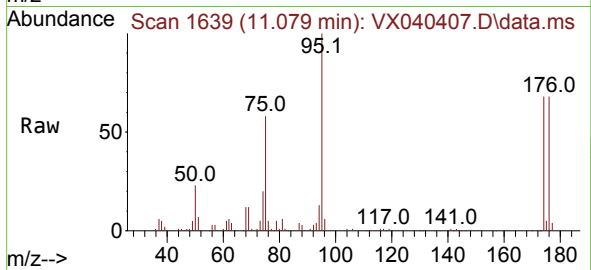
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.468 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040407.D
 Acq: 22 Feb 2024 17:21

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 32456
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

