

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041115.D
 Acq On : 16 Apr 2024 19:11
 Operator : JC/MD
 Sample : P2113-08 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 406

Quant Time: Apr 17 02:14:50 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)

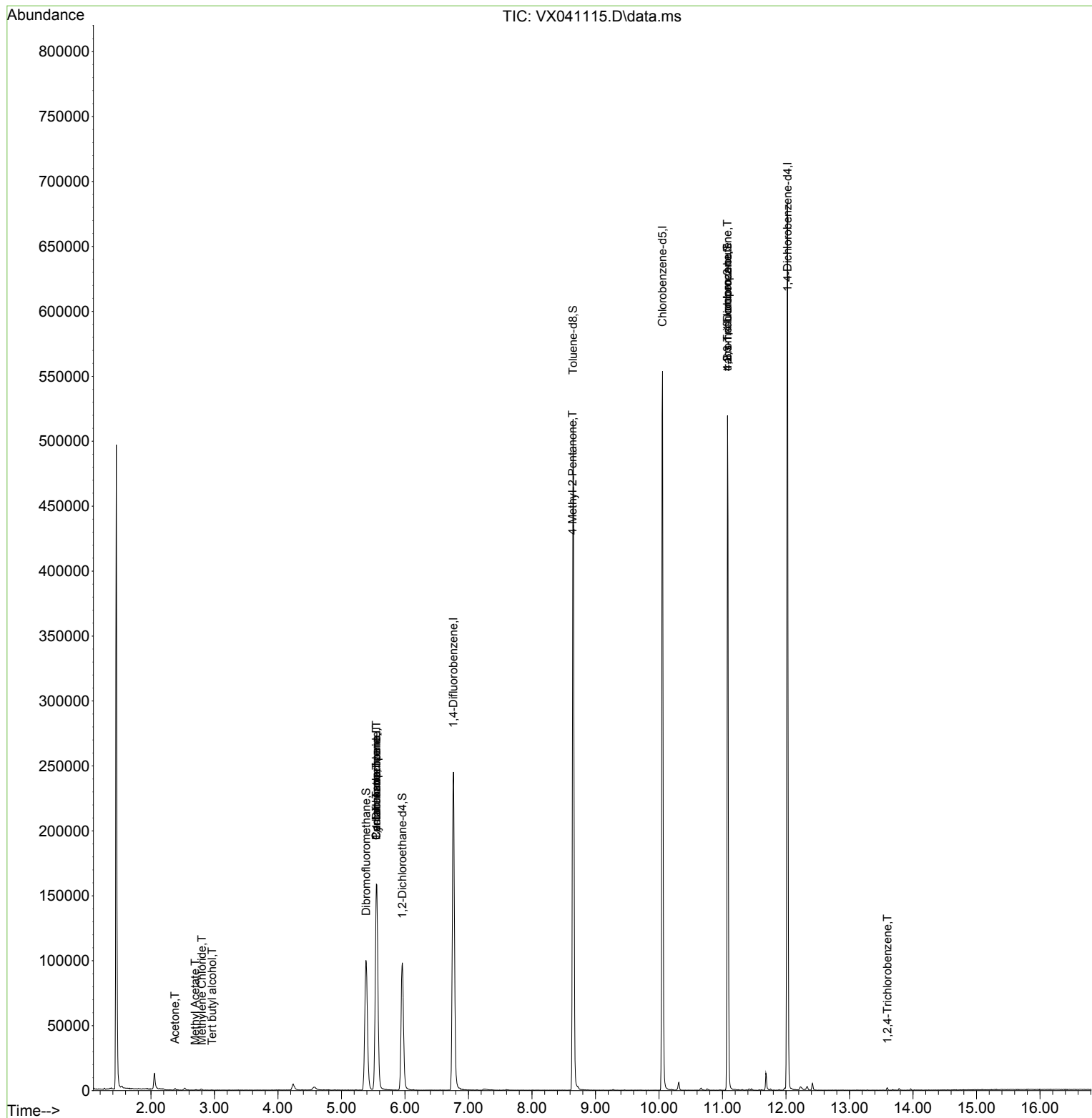
Internal Standards						
1) Pentafluorobenzene	5.550	168	173239	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	261929	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98128	52.465	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.920%	
35) Dibromofluoromethane	5.385	113	86652	49.523	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.040%	
50) Toluene-d8	8.647	98	309424	50.487	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	11.079	95	123225	52.964	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	184	0.503	ug/l	# 78
16) Acetone	2.380	43	1440	1.832	ug/l	98
18) Methyl Acetate	2.697	43	437	0.223	ug/l	# 79
20) Methylene Chloride	2.800	84	457	0.272	ug/l	# 71
31) Cyclohexane	5.550	56	2771	1.196	ug/l	# 8
36) 1,1-Dichloropropene	5.550	75	10832	4.890	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	14758	5.746	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.641	43	1283	0.481	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	61718	24.105	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	61718	61.696	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.597	180	781	0.204	ug/l	# 90

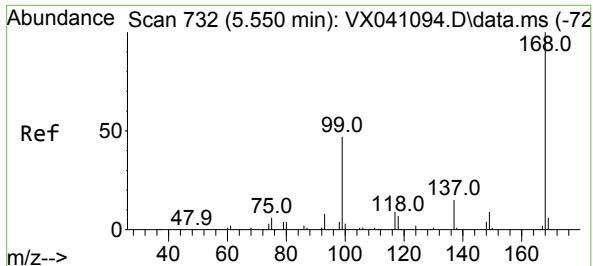
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041115.D
Acq: 16 Apr 2024 19:11

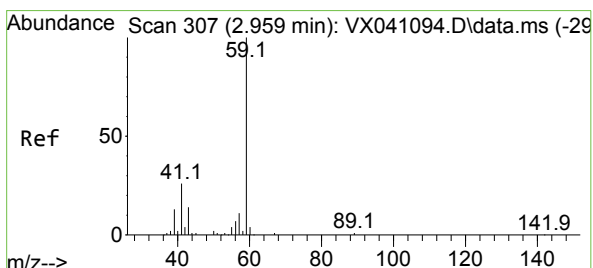
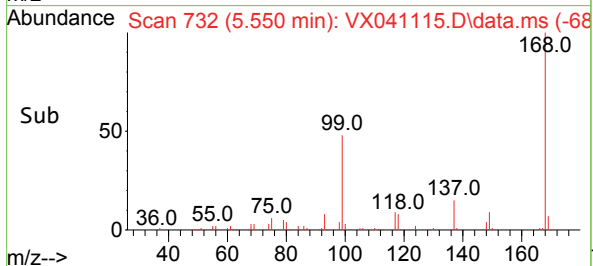
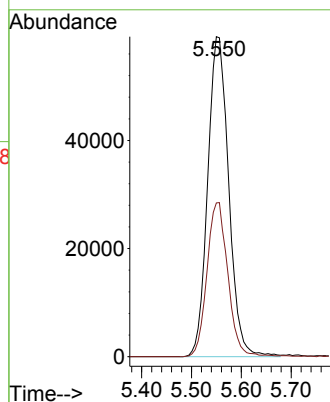
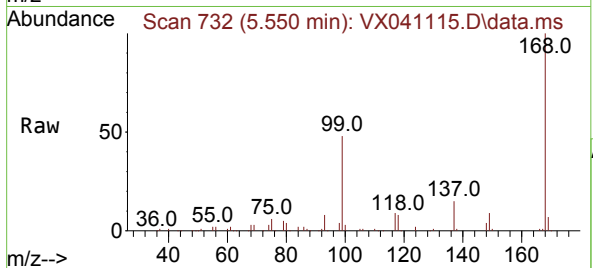
Instrument :

MSVOA_X

ClientSampleId :

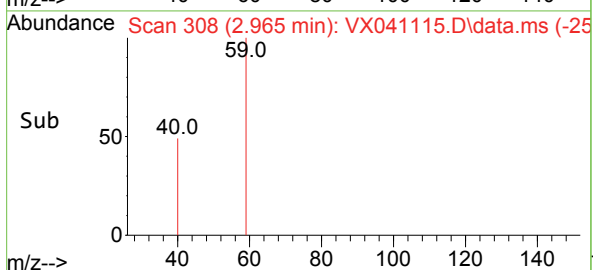
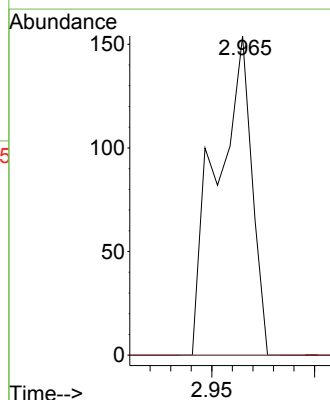
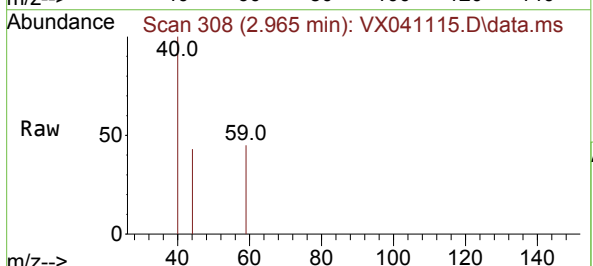
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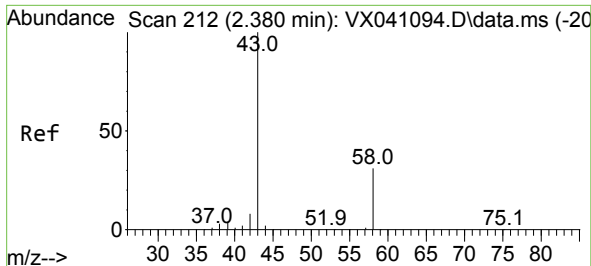
Tgt Ion:168 Resp: 173239
Ion Ratio Lower Upper
168 100
99 48.0 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.503 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX041115.D
Acq: 16 Apr 2024 19:11

Tgt Ion: 59 Resp: 184
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

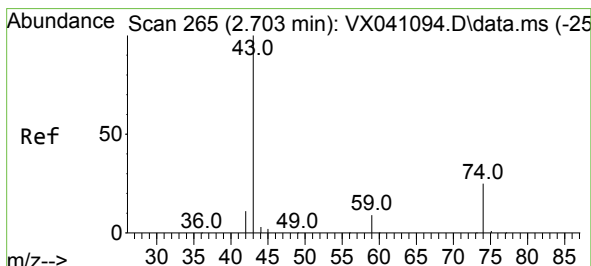
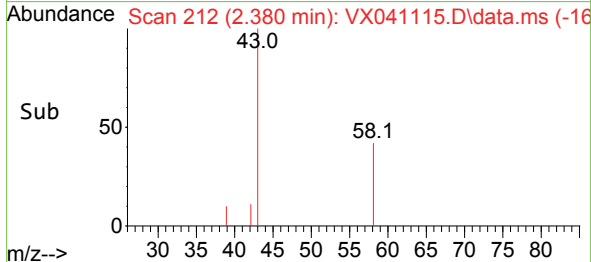
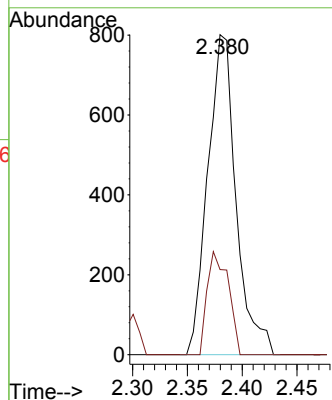
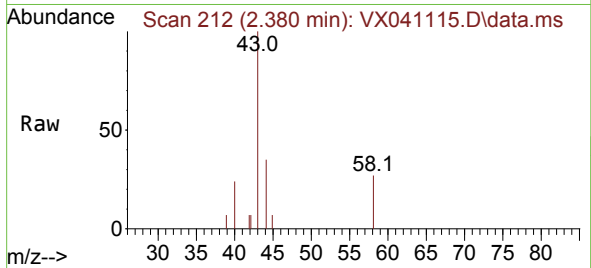




#16
Acetone
Concen: 1.832 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX041115.D
Acq: 16 Apr 2024 19:11

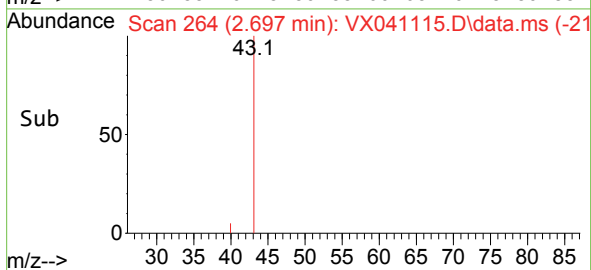
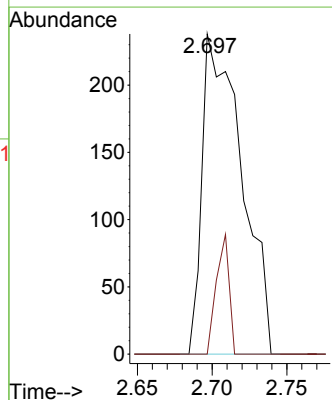
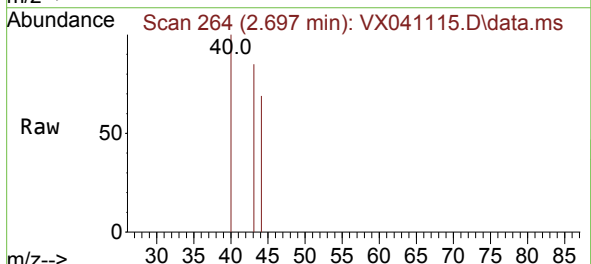
Instrument :
MSVOA_X
ClientSampleId :
406

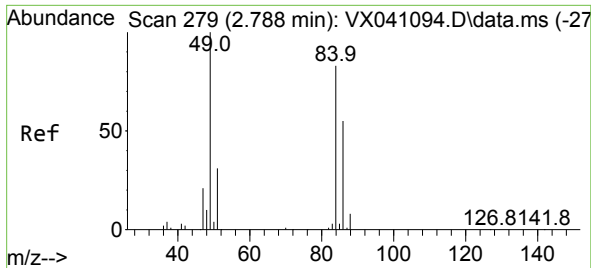
Tgt Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
58 26.6 21.9 32.9



#18
Methyl Acetate
Concen: 0.223 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX041115.D
Acq: 16 Apr 2024 19:11

Tgt Ion: 43 Resp: 437
Ion Ratio Lower Upper
43 100
74 12.1 17.8 26.8#

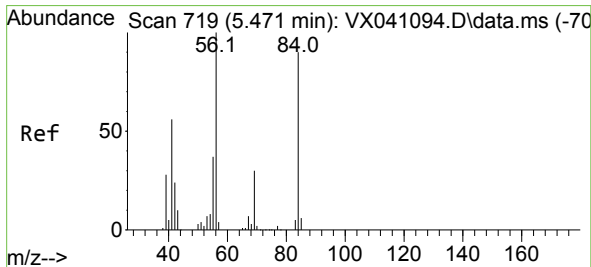
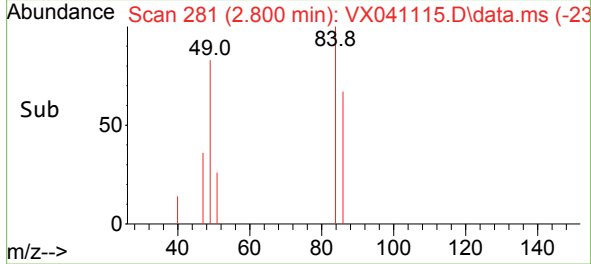
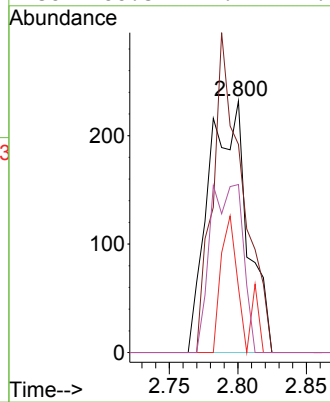
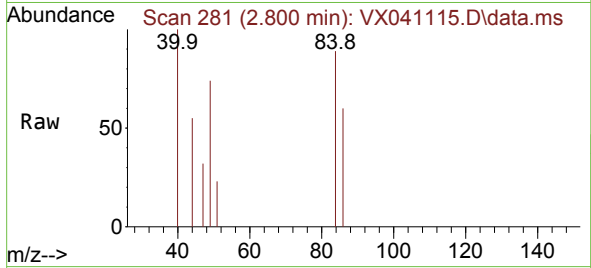




#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX041115.D
Acq: 16 Apr 2024 19:11

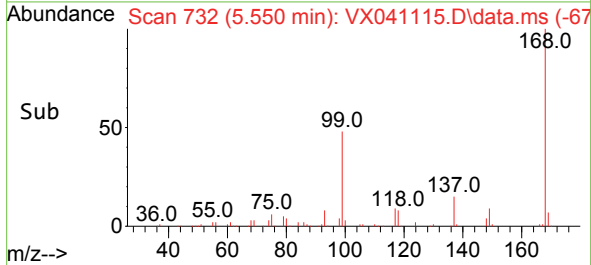
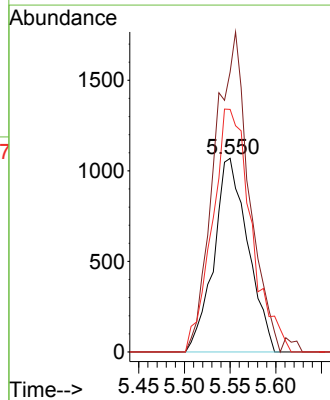
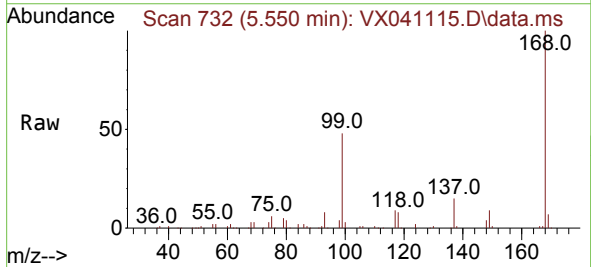
Instrument :
MSVOA_X
ClientSampleId :
406

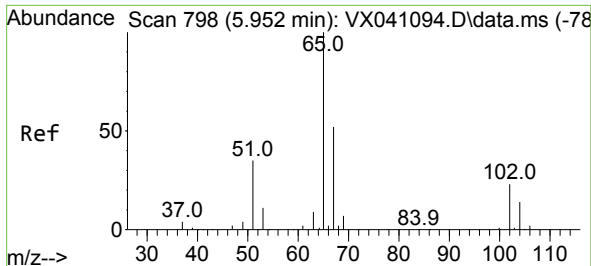
Tgt Ion:	84	Resp:	457
Ion	Ratio	Lower	Upper
84	100		
49	82.8	103.6	155.4#
51	25.9	33.8	50.6#
86	66.8	49.4	74.0



#31
Cyclohexane
Concen: 1.196 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX041115.D
Acq: 16 Apr 2024 19:11

Tgt Ion:	56	Resp:	2771
Ion	Ratio	Lower	Upper
56	100		
69	144.6	23.4	35.2#
84	125.3	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.465 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041115.D

Acq: 16 Apr 2024 19:11

Instrument :

MSVOA_X

ClientSampleId :

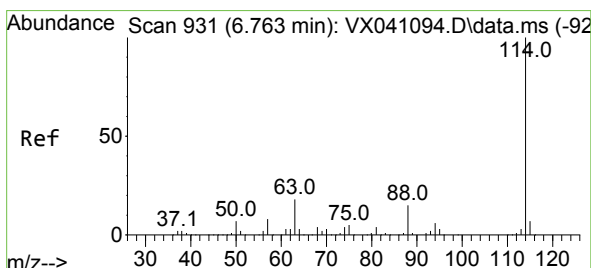
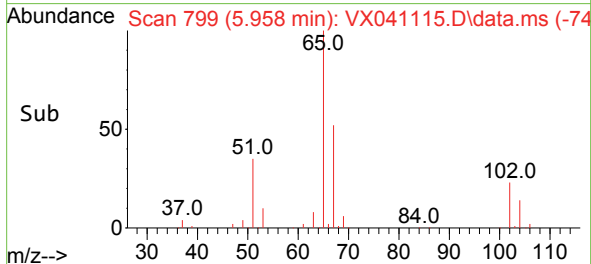
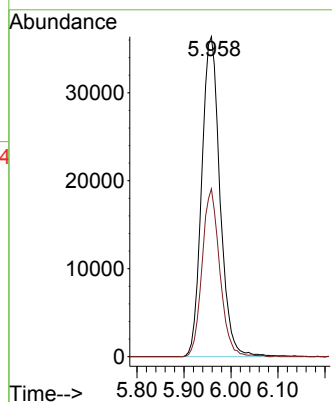
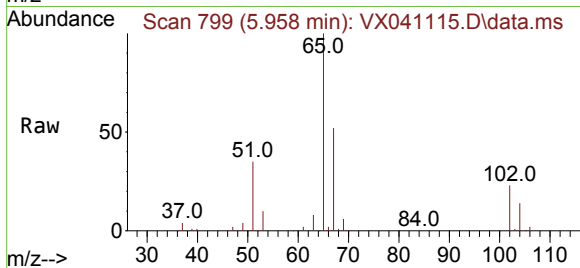
406

Tgt Ion: 65 Resp: 98128

Ion Ratio Lower Upper

65 100

67 50.9 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: VX041115.D

Acq: 16 Apr 2024 19:11

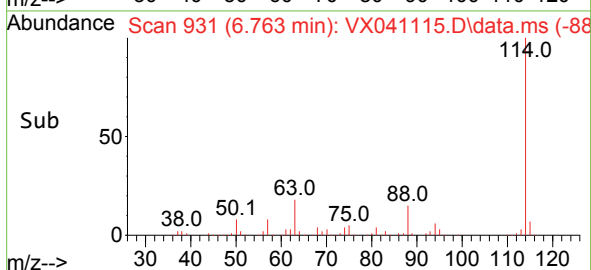
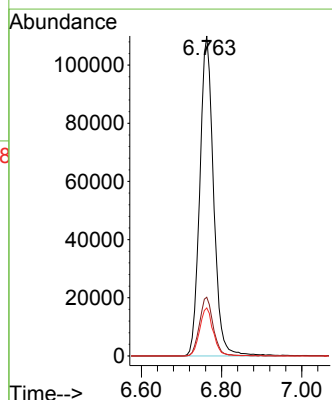
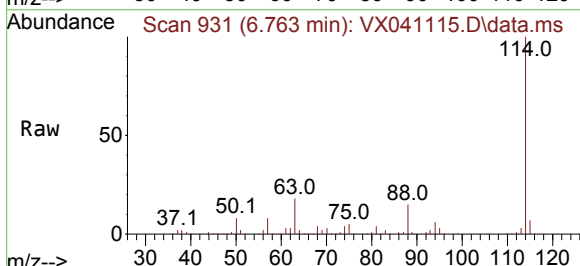
Tgt Ion: 114 Resp: 261929

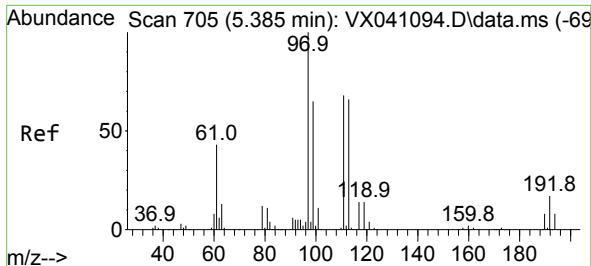
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

88 15.0 0.0 36.6

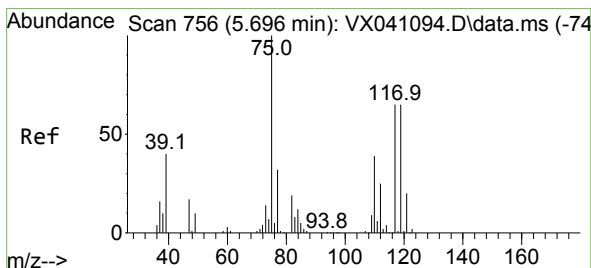
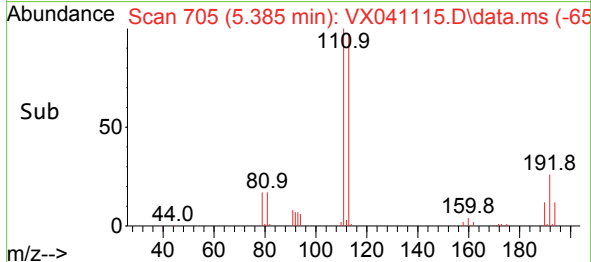
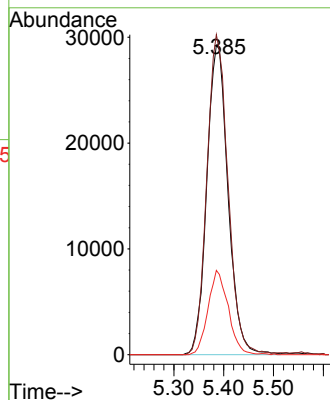
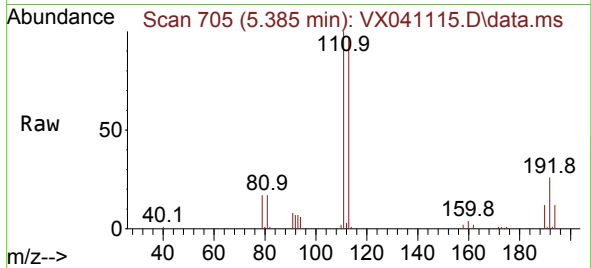




#35
Dibromofluoromethane
Concen: 49.523 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041115.D
Acq: 16 Apr 2024 19:11

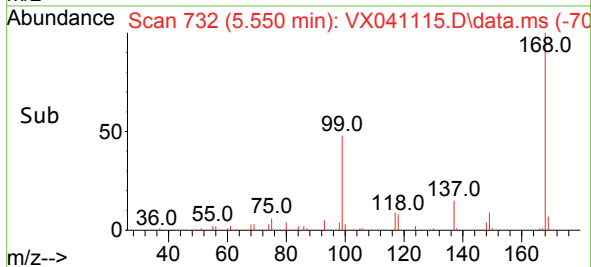
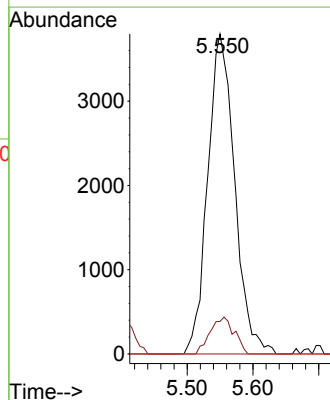
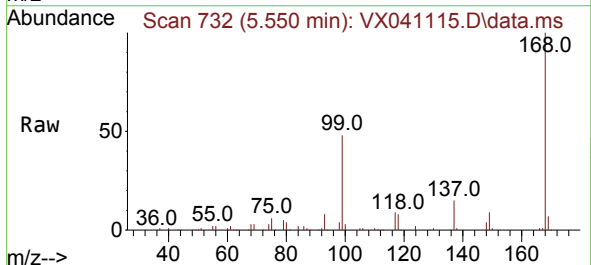
Instrument :
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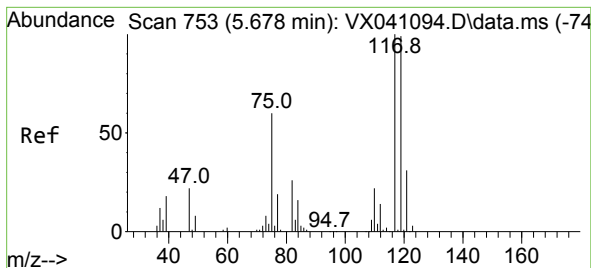
Tgt Ion:113 Resp: 86652
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 25.8 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX041115.D
Acq: 16 Apr 2024 19:11

Tgt Ion: 75 Resp: 10832
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.746 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX041115.D

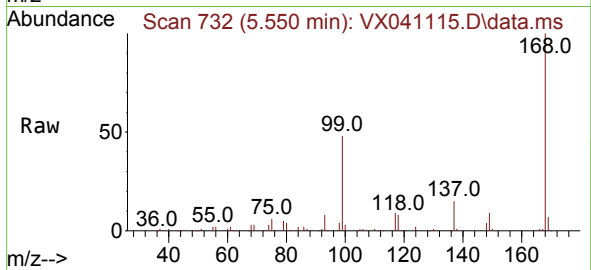
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Instrument :

MSVOA_X

ClientSampleId :

406



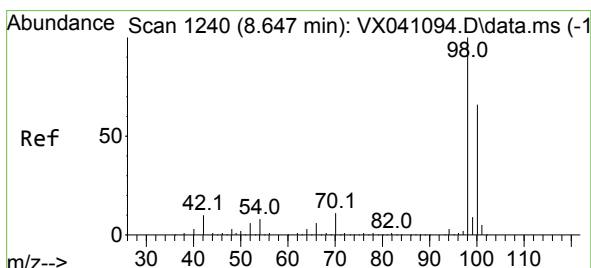
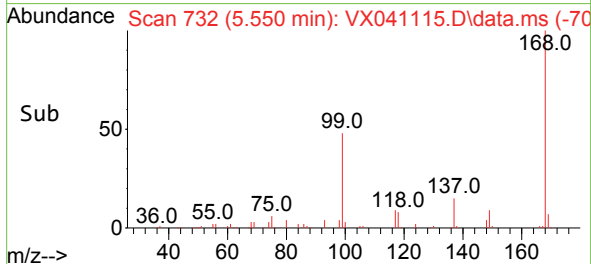
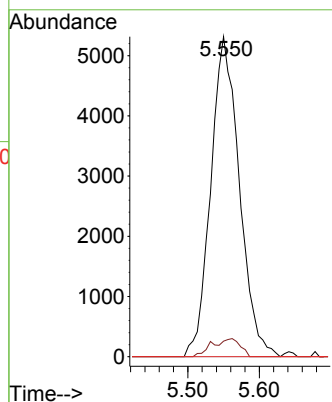
Tgt Ion:117 Resp: 14758

Ion Ratio Lower Upper

117 100

119 4.9 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 50.487 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041115.D

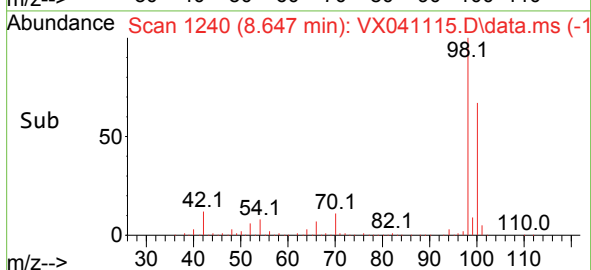
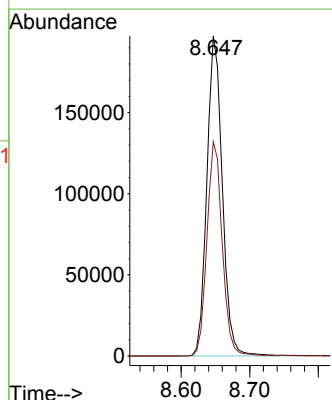
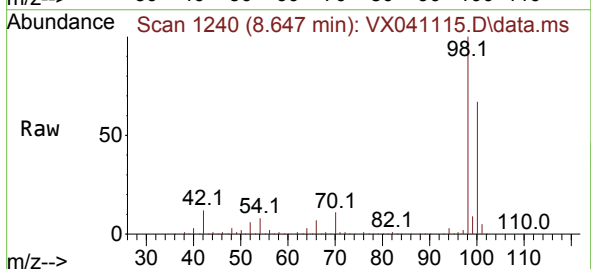
Acq: 16 Apr 2024 19:11

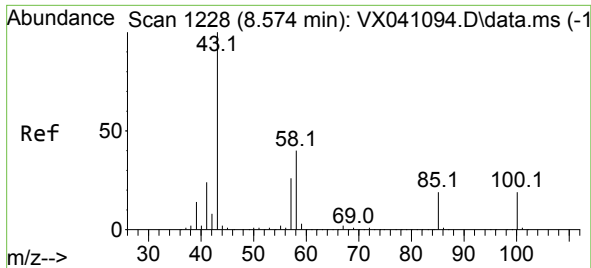
Tgt Ion: 98 Resp: 309424

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

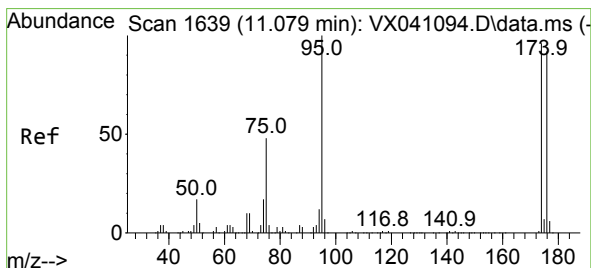
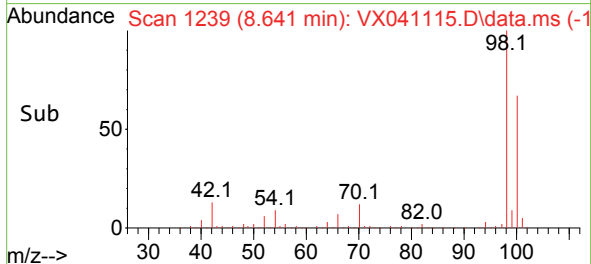
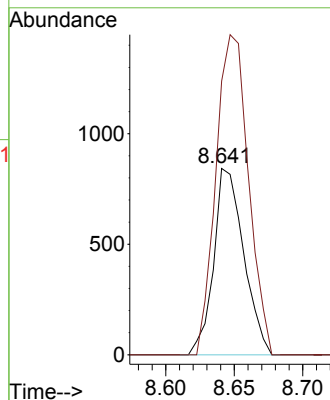
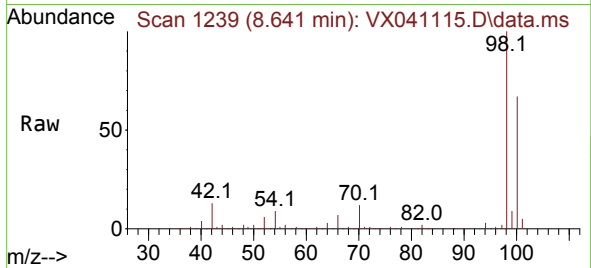




#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX041115.D
Acq: 16 Apr 2024 19:11

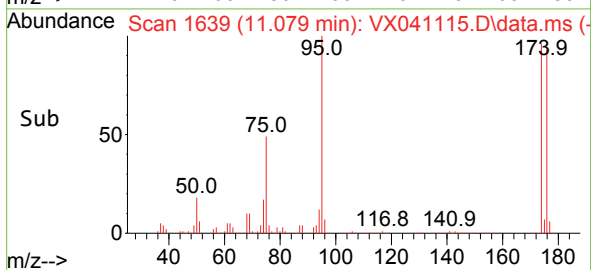
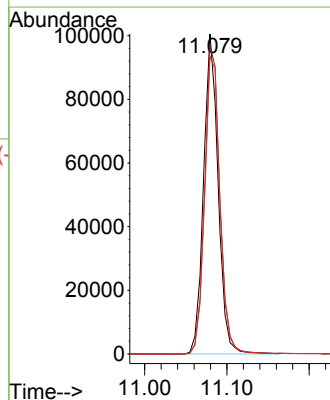
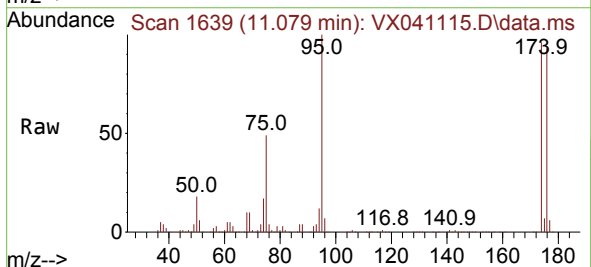
Instrument :
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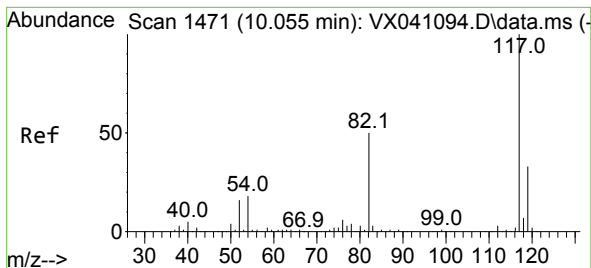
Tgt Ion: 43 Resp: 1283
Ion Ratio Lower Upper
43 100
58 186.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 52.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041115.D
Acq: 16 Apr 2024 19:11

Tgt Ion: 95 Resp: 123225
Ion Ratio Lower Upper
95 100
174 100.7 0.0 135.6
176 97.9 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: VX041115.D

Acq: 16 Apr 2024 19:11

Instrument :

MSVOA_X

ClientSampleId :

406

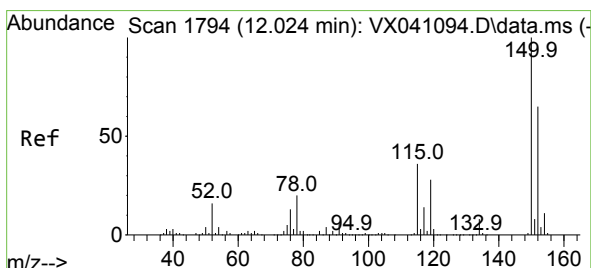
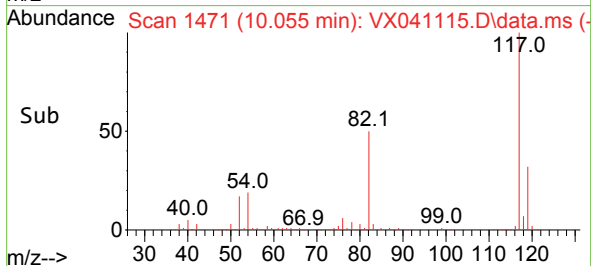
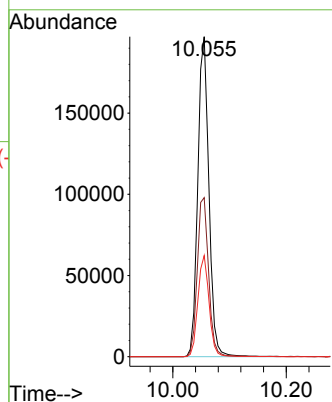
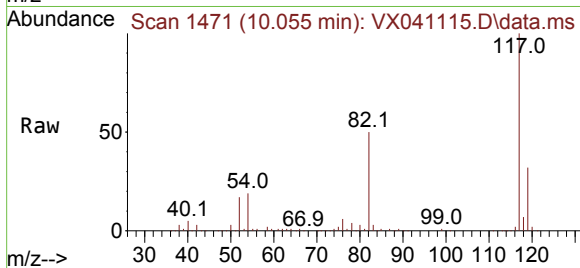
Tgt Ion:117 Resp: 266894

Ion Ratio Lower Upper

117 100

82 49.7 46.2 69.4

119 31.6 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: VX041115.D

Acq: 16 Apr 2024 19:11

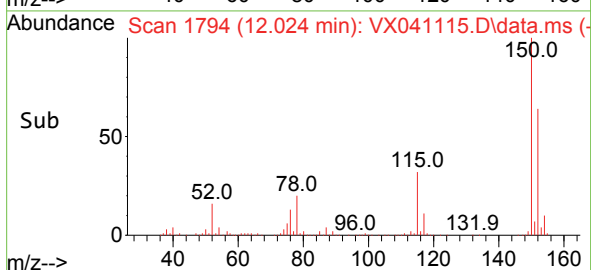
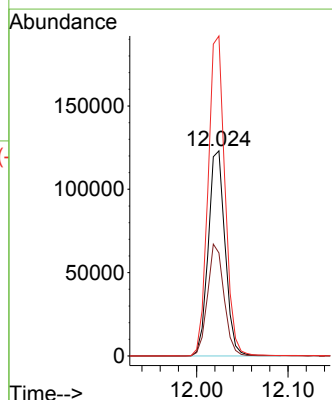
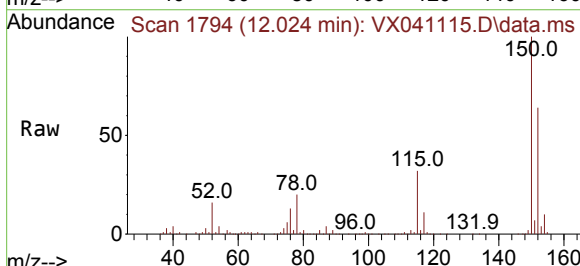
Tgt Ion:152 Resp: 157112

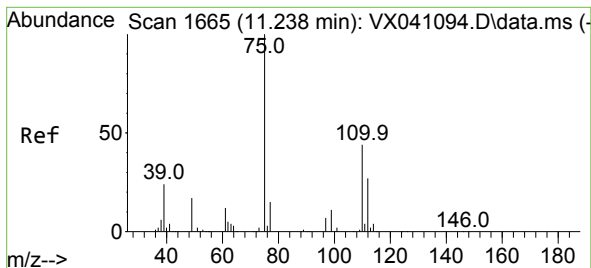
Ion Ratio Lower Upper

152 100

115 53.4 43.3 129.9

150 156.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.105 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041115.D

Acq: 16 Apr 2024 19:11

Instrument :

MSVOA_X

ClientSampleId :

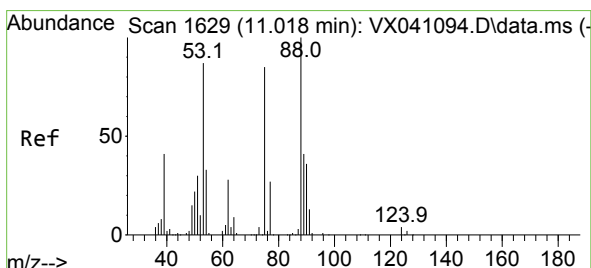
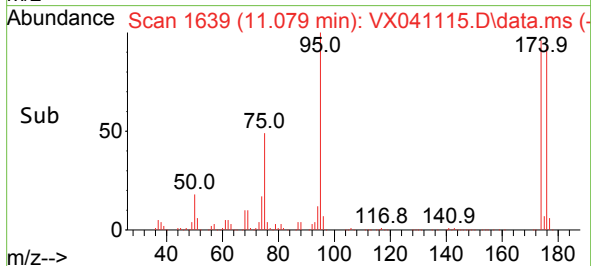
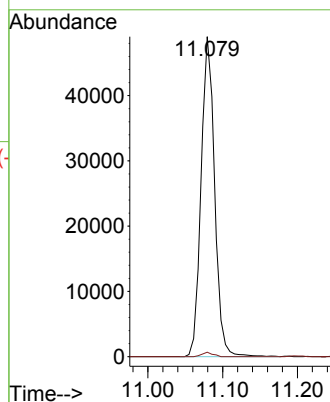
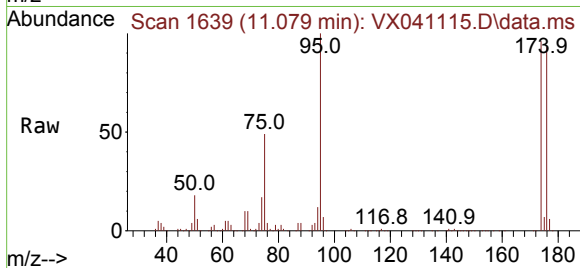
406

Tgt Ion: 75 Resp: 61718

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.696 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041115.D

Acq: 16 Apr 2024 19:11

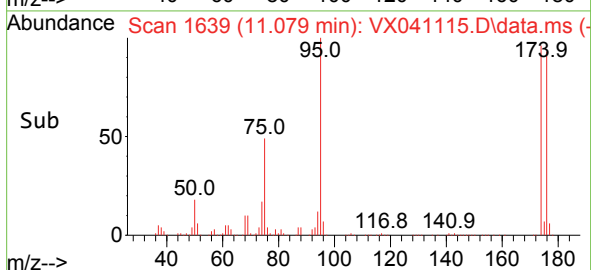
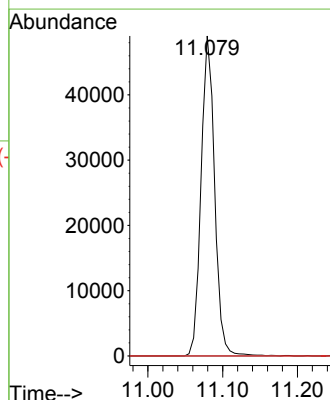
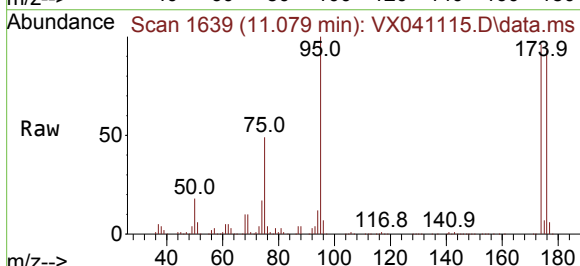
Tgt Ion: 75 Resp: 61718

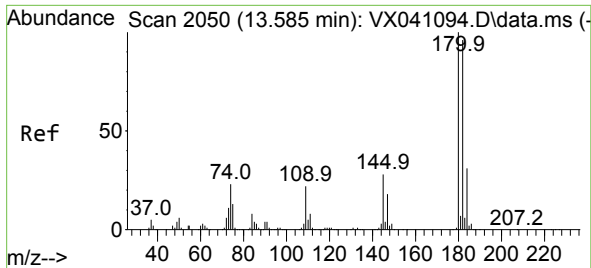
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.204 ug/l

RT: 13.597 min Scan# 2052

Delta R.T. 0.012 min

Lab File: VX041115.D

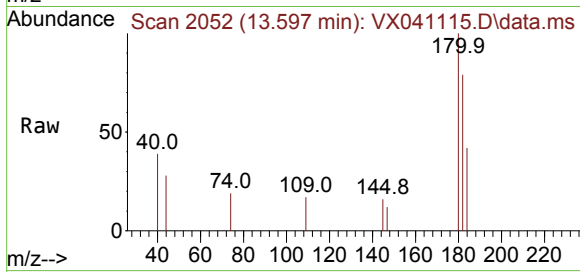
Acq: 16 Apr 2024 19:11

Instrument :

MSVOA_X

ClientSampleId :

406



Tgt Ion:180 Resp: 781

Ion Ratio Lower Upper

180 100

182 96.9 48.3 144.8

145 15.7 18.0 54.0#

