

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034388.D
 Acq On : 08 Mar 2023 17:06
 Operator : JC/MD
 Sample : 01843-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20230308

Quant Time: Mar 09 04:01:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

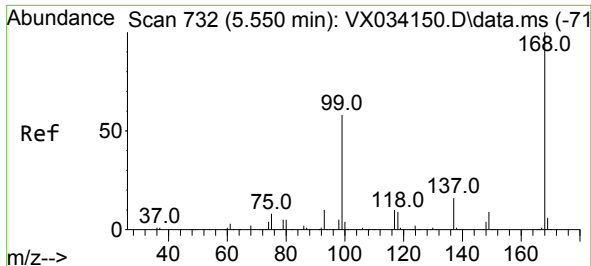
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	256286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	431298	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163321	47.318	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.640%		
35) Dibromofluoromethane	5.385	113	134721	47.975	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.940%		
50) Toluene-d8	8.646	98	520401	51.615	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.240%		
62) 4-Bromofluorobenzene	11.079	95	175301	45.456	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.920%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	21	Below Cal	#	28
11) Tert butyl alcohol	2.952	59	1120	1.451	ug/l #	95
14) Allyl chloride	2.648	41	1590	0.270	ug/l #	46
16) Acetone	2.379	43	9243	5.191	ug/l	92
25) 2-Butanone	4.580	43	6798	2.639	ug/l	96
30) Chloroform	5.098	83	1383	0.254	ug/l #	80
31) Cyclohexane	5.549	56	5447	1.057	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	19284	4.643	ug/l #	48
37) Ethyl Acetate	4.580	43	6798	1.465	ug/l #	68
38) Carbon Tetrachloride	5.549	117	24685	5.776	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	89810	22.259	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	89810	57.183	ug/l #	8

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

Quant Time: Mar 09 04:01:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

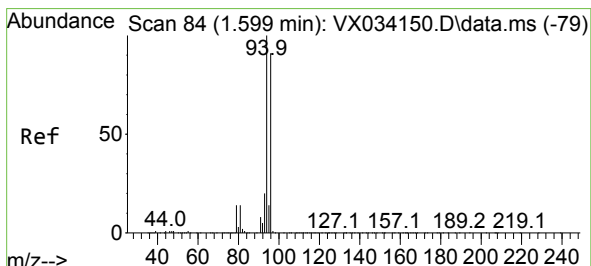
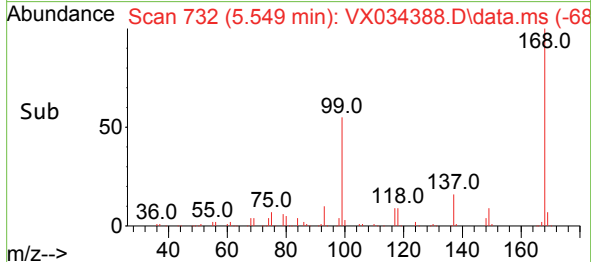
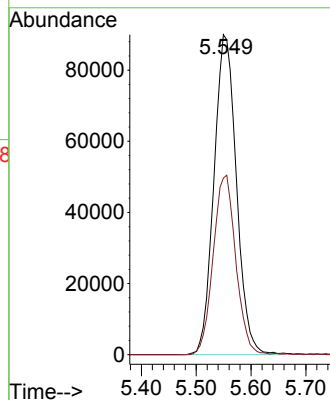
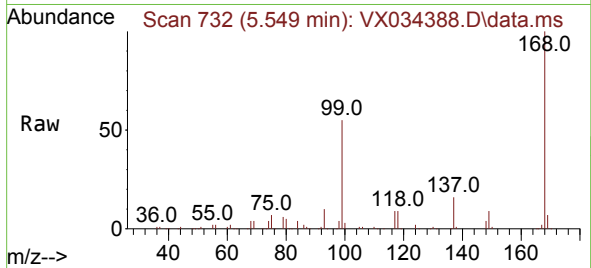




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX034388.D
Acq: 08 Mar 2023 17:06

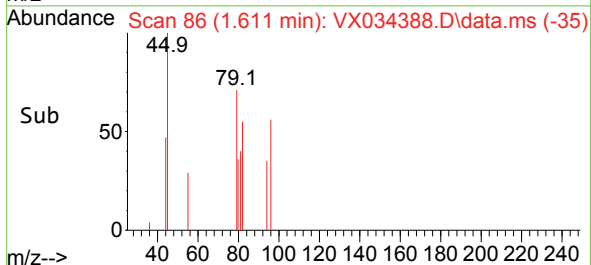
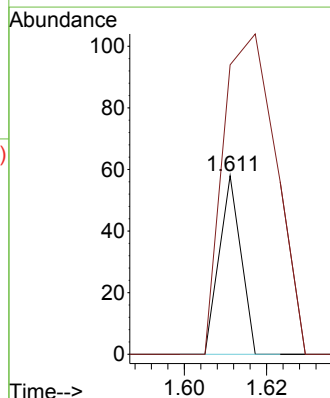
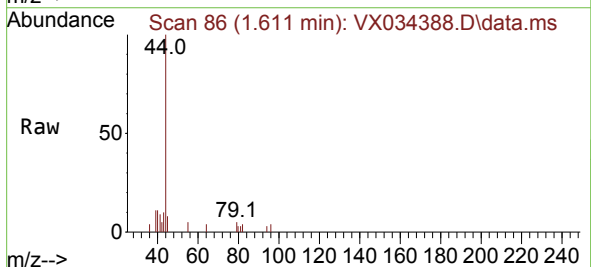
Instrument :
MSVOA_X
ClientSampleId :
FB01-20230308

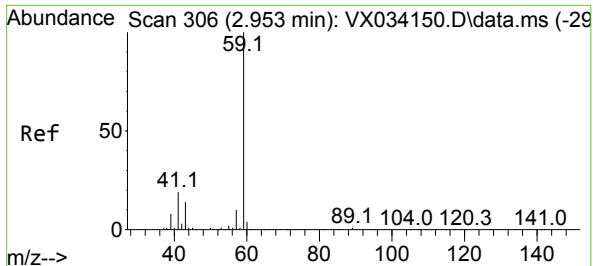
Tgt Ion:168 Resp: 256286
Ion Ratio Lower Upper
168 100
99 55.2 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX034388.D
Acq: 08 Mar 2023 17:06

Tgt Ion: 94 Resp: 21
Ion Ratio Lower Upper
94 100
96 162.1 74.3 111.5#





#11

Tert butyl alcohol

Concen: 1.451 ug/l

RT: 2.952 min Scan# 306

Delta R.T. -0.000 min

Lab File: VX034388.D

Acq: 08 Mar 2023 17:06

Instrument :

MSVOA_X

ClientSampleId :

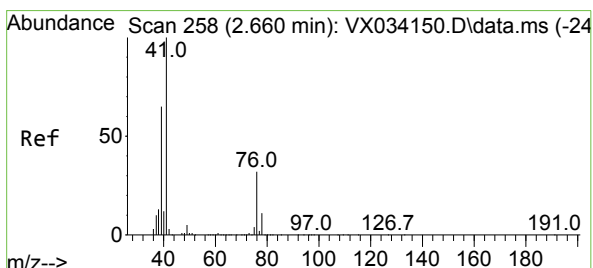
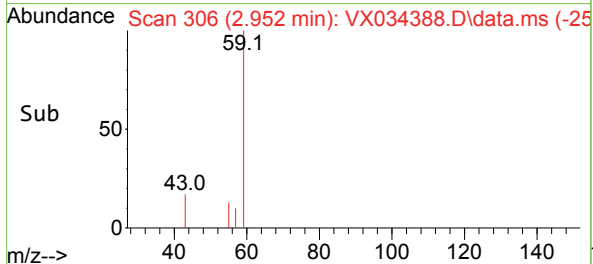
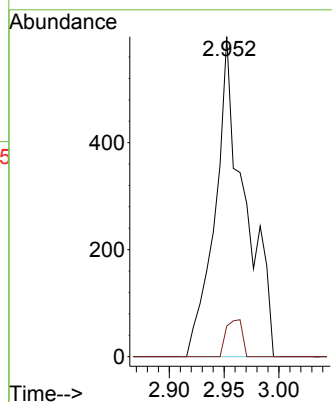
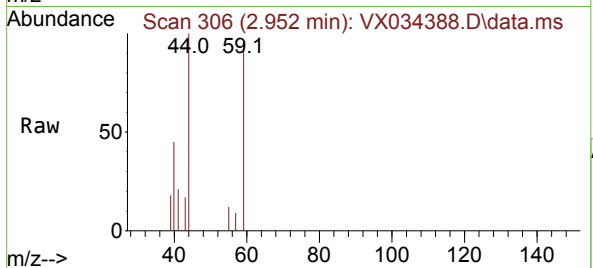
FB01-20230308

Tgt Ion: 59 Resp: 1120

Ion Ratio Lower Upper

59 100

57 6.3 3.7 5.5#



#14

Allyl chloride

Concen: 0.270 ug/l

RT: 2.648 min Scan# 256

Delta R.T. -0.012 min

Lab File: VX034388.D

Acq: 08 Mar 2023 17:06

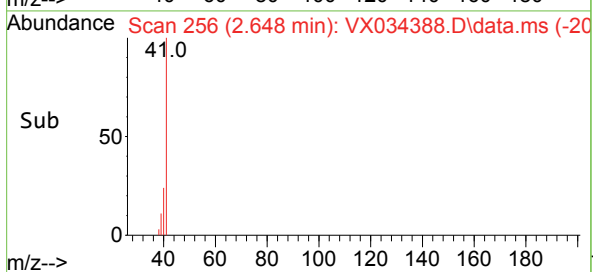
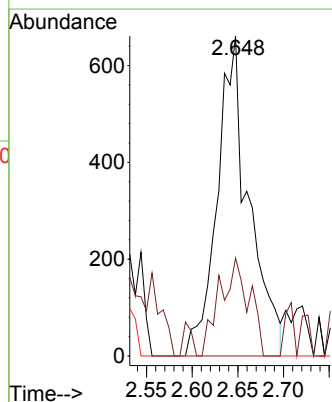
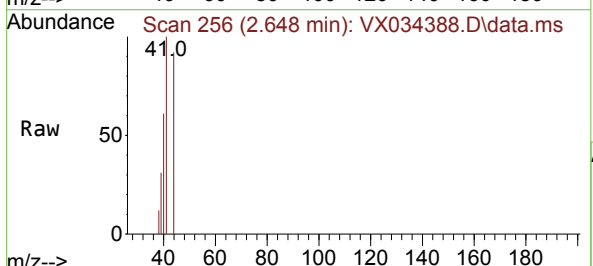
Tgt Ion: 41 Resp: 1590

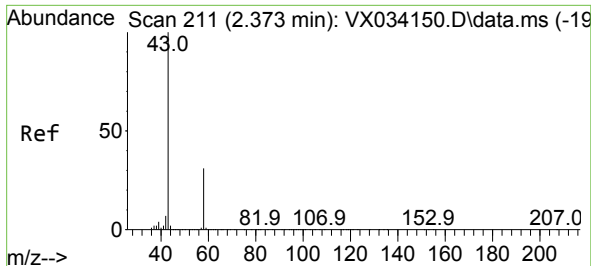
Ion Ratio Lower Upper

41 100

39 28.4 59.0 88.4#

76 0.0 24.6 37.0#

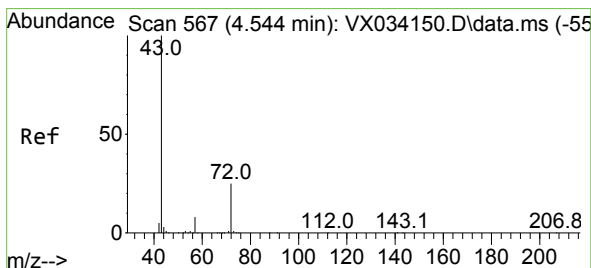
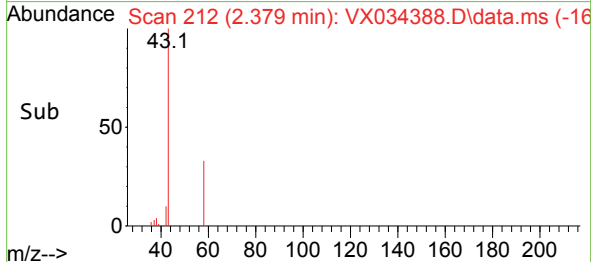
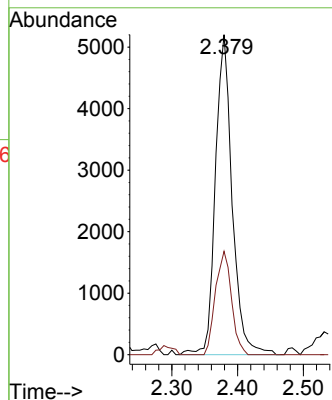
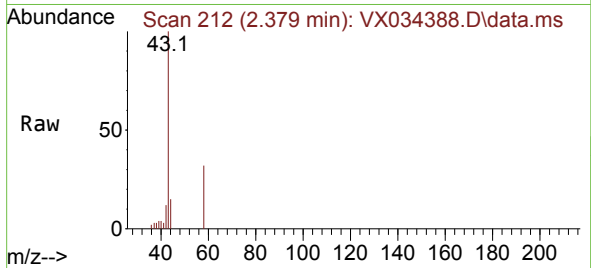




#16
Acetone
Concen: 5.191 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034388.D
Acq: 08 Mar 2023 17:06

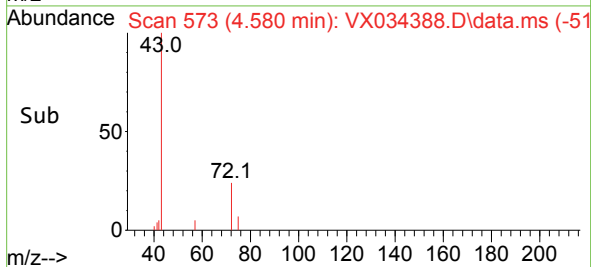
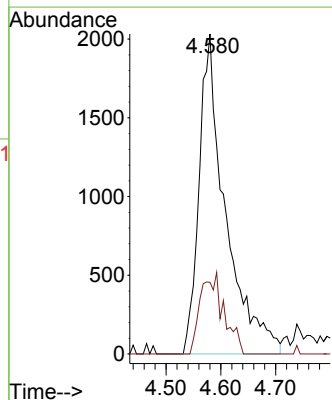
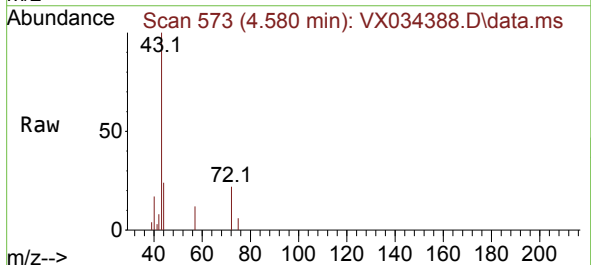
Instrument :
MSVOA_X
ClientSampleId :
FB01-20230308

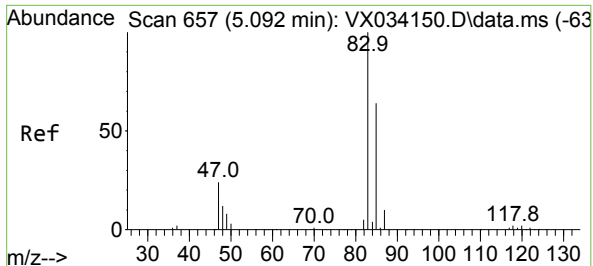
Tgt Ion: 43 Resp: 9243
Ion Ratio Lower Upper
43 100
58 32.3 22.6 33.8



#25
2-Butanone
Concen: 2.639 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.036 min
Lab File: VX034388.D
Acq: 08 Mar 2023 17:06

Tgt Ion: 43 Resp: 6798
Ion Ratio Lower Upper
43 100
72 22.4 19.4 29.2





#30

Chloroform

Concen: 0.254 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX034388.D

Acq: 08 Mar 2023 17:06

Instrument :

MSVOA_X

ClientSampleId :

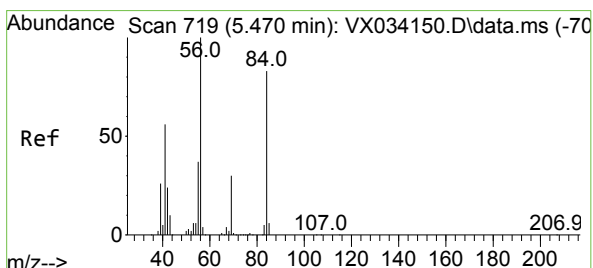
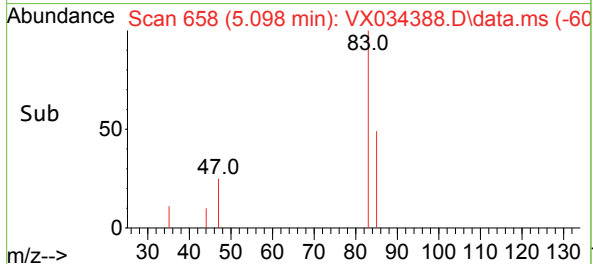
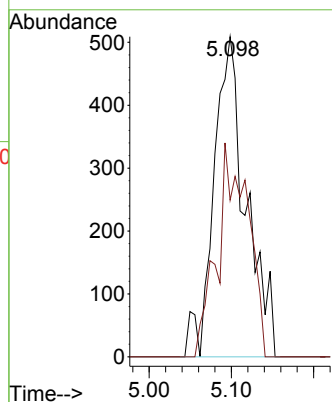
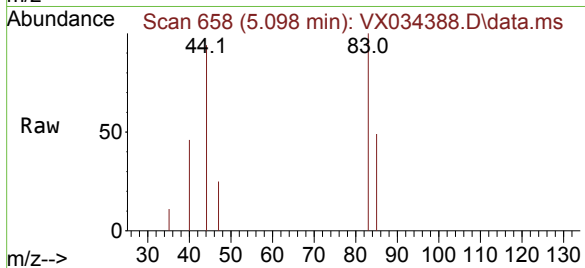
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Tgt Ion: 83 Resp: 1383

Ion Ratio Lower Upper

83 100

85 48.9 52.1 78.1#



#31

Cyclohexane

Concen: 1.057 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX034388.D

Acq: 08 Mar 2023 17:06

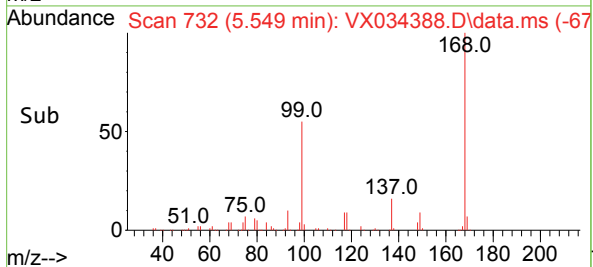
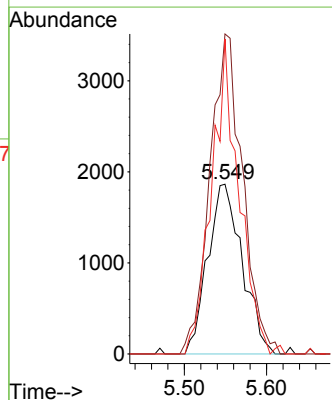
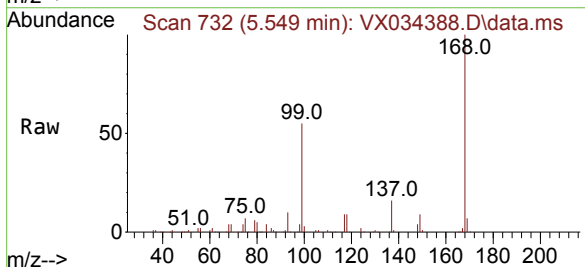
Tgt Ion: 56 Resp: 5447

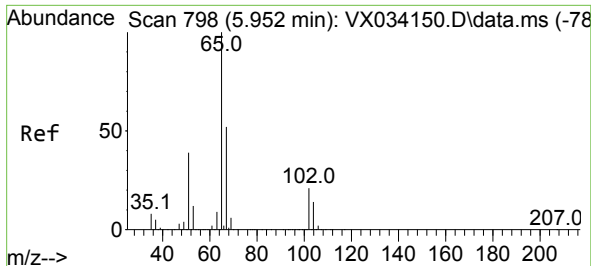
Ion Ratio Lower Upper

56 100

69 188.5 24.6 37.0#

84 185.6 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 47.318 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034388.D

Acq: 08 Mar 2023 17:06

Instrument :

MSVOA_X

ClientSampleId :

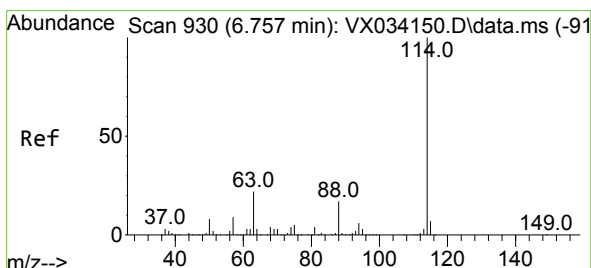
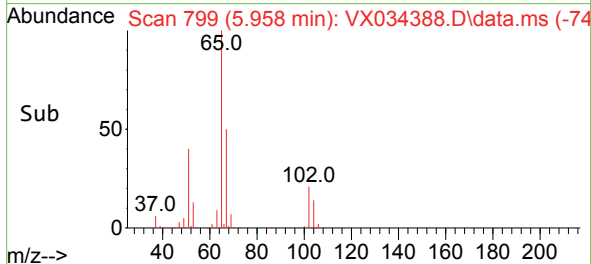
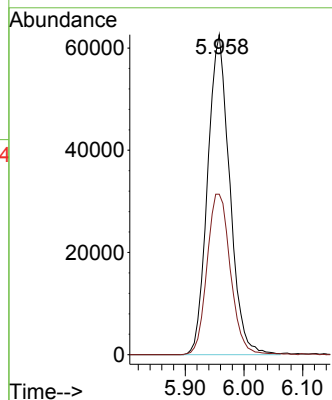
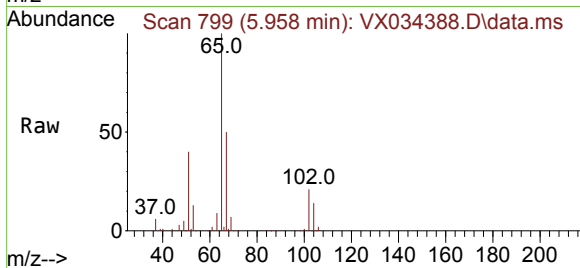
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Tgt Ion: 65 Resp: 163321

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034388.D

Acq: 08 Mar 2023 17:06

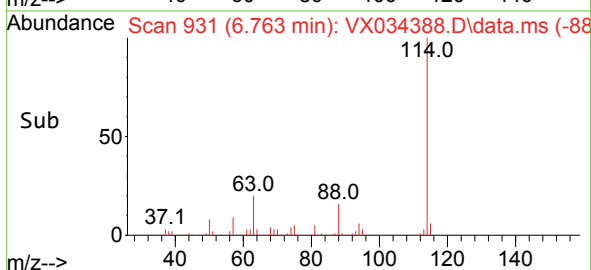
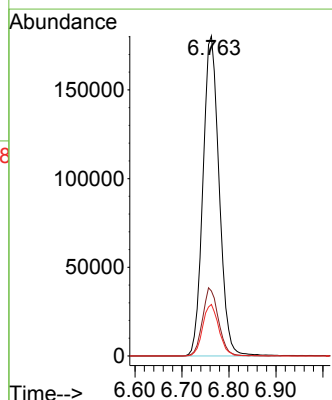
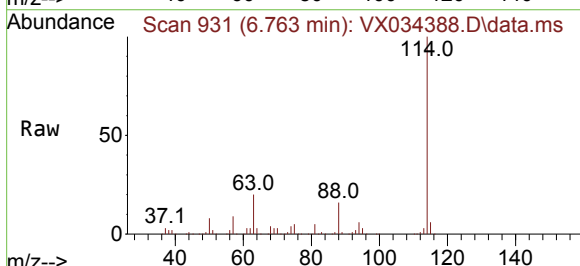
Tgt Ion: 114 Resp: 431298

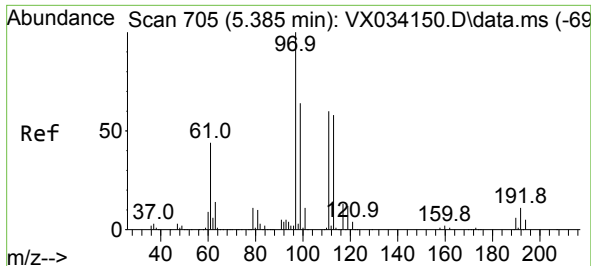
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

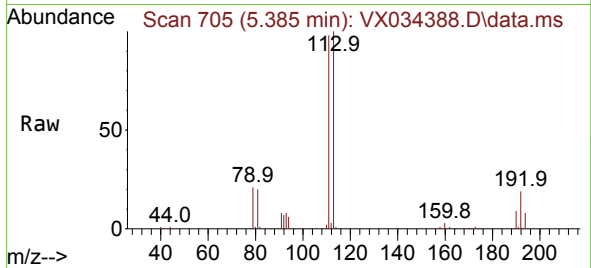
88 16.1 0.0 30.6



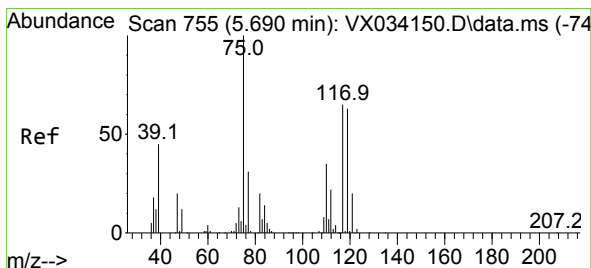
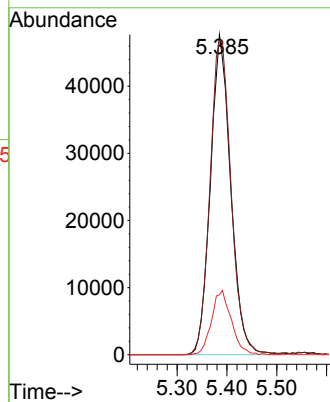
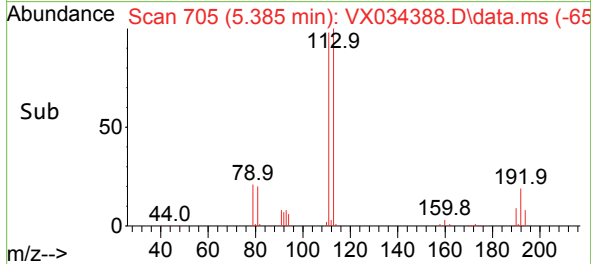


#35
Dibromofluoromethane
Concen: 47.975 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034388.D
Acq: 08 Mar 2023 17:06

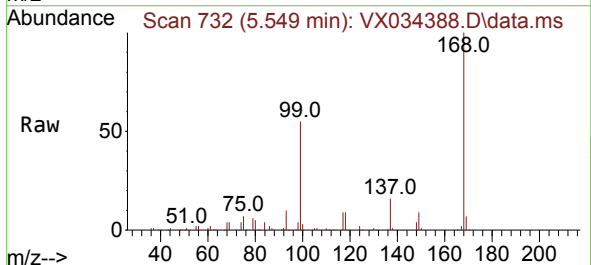
Instrument :
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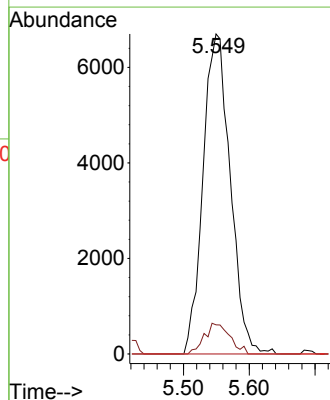
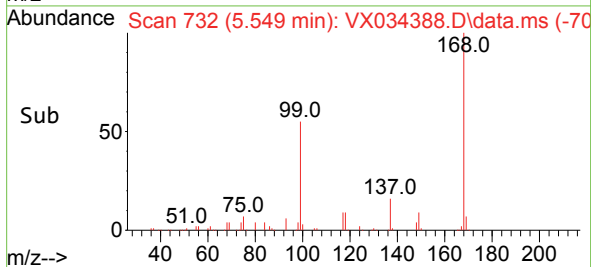
Tgt Ion:113 Resp: 134721
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.6
192 19.6 19.0 28.4

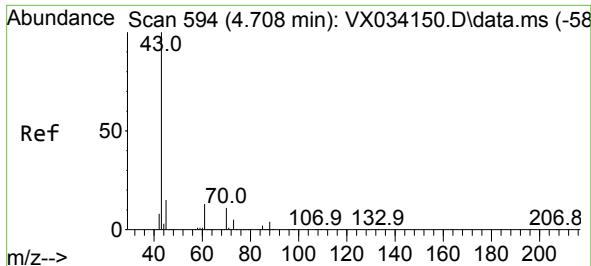


#36
1,1-Dichloropropene
Concen: 4.643 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034388.D
Acq: 08 Mar 2023 17:06



Tgt Ion: 75 Resp: 19284
Ion Ratio Lower Upper
75 100
110 8.9 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.465 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.128 min

Lab File: VX034388.D

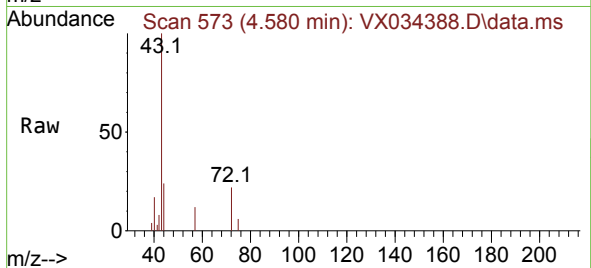
Acq: 08 Mar 2023 17:06

Instrument :

MSVOA_X

ClientSampleId :

FB01-20230308



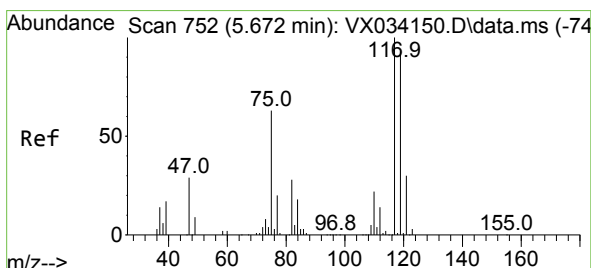
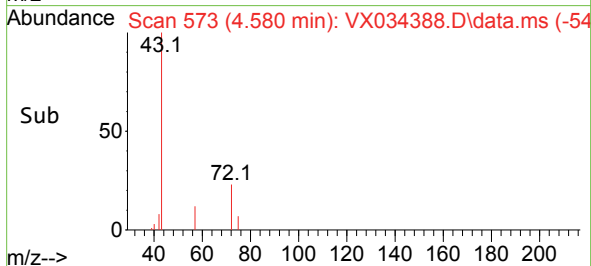
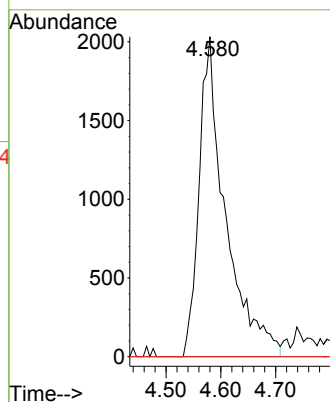
Tgt Ion: 43 Resp: 6798

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 5.776 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX034388.D

Acq: 08 Mar 2023 17:06

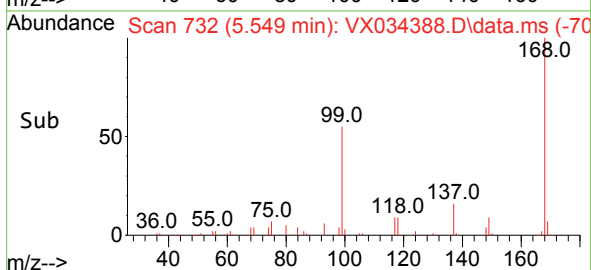
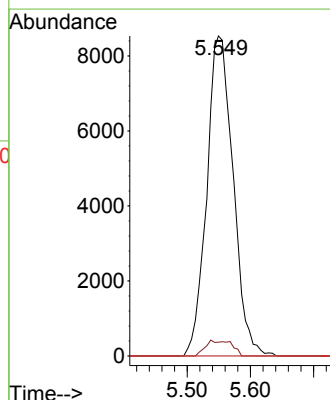
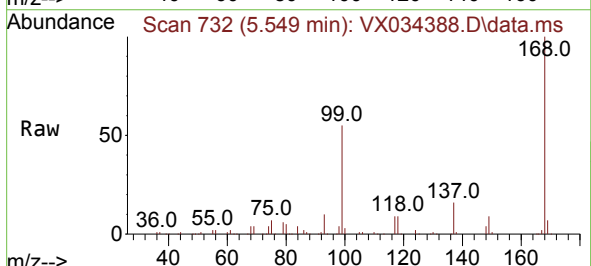
Tgt Ion: 117 Resp: 24685

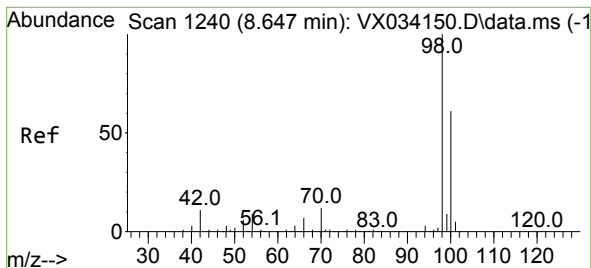
Ion Ratio Lower Upper

117 100

119 4.3 78.0 117.0#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 51.615 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034388.D

Acq: 08 Mar 2023 17:06

Instrument :

MSVOA_X

ClientSampleId :

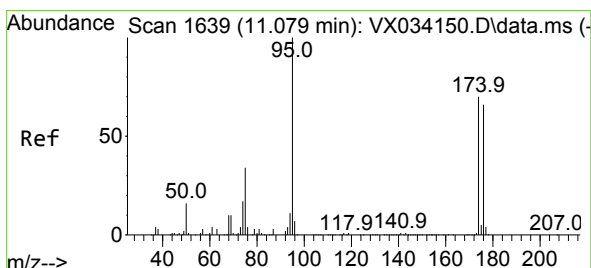
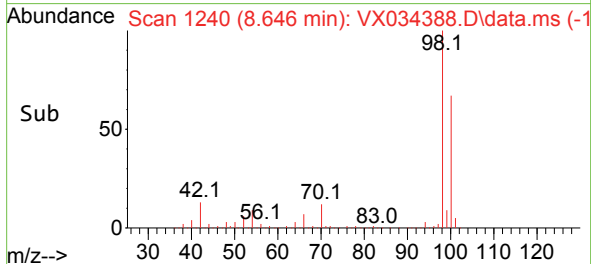
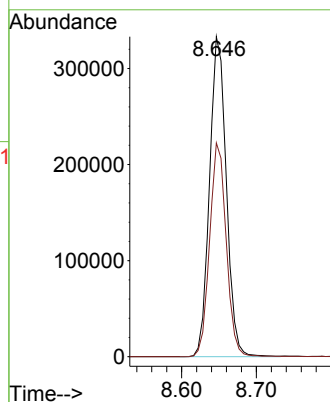
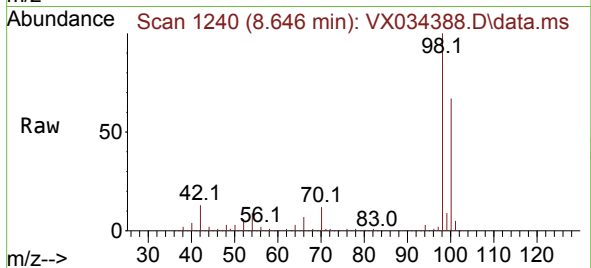
FB01-20230308

Tgt Ion: 98 Resp: 520401

Ion Ratio Lower Upper

98 100

100 66.1 53.6 80.4



#62

4-Bromofluorobenzene

Concen: 45.456 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034388.D

Acq: 08 Mar 2023 17:06

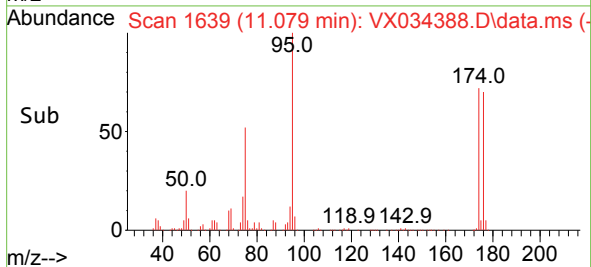
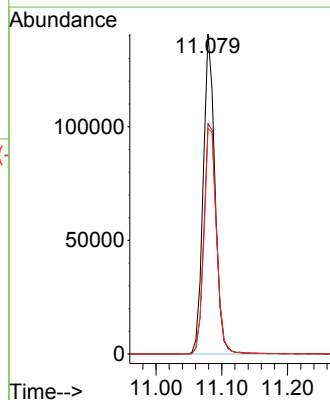
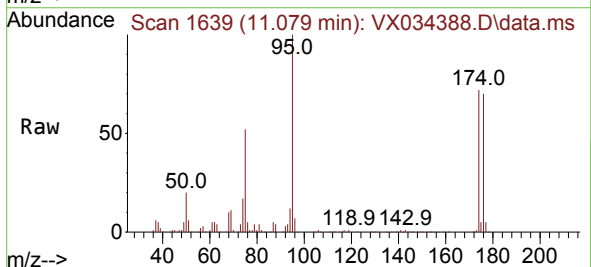
Tgt Ion: 95 Resp: 175301

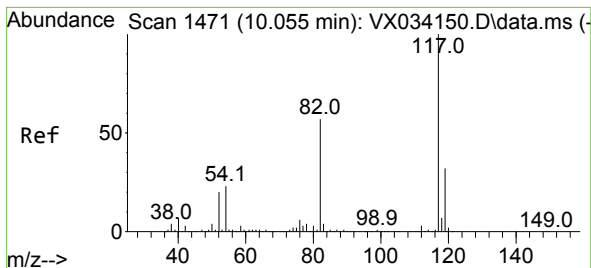
Ion Ratio Lower Upper

95 100

174 76.7 0.0 184.4

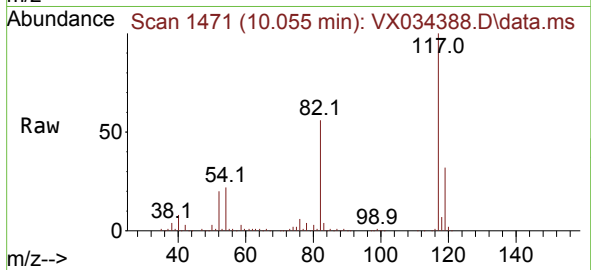
176 75.2 0.0 178.8



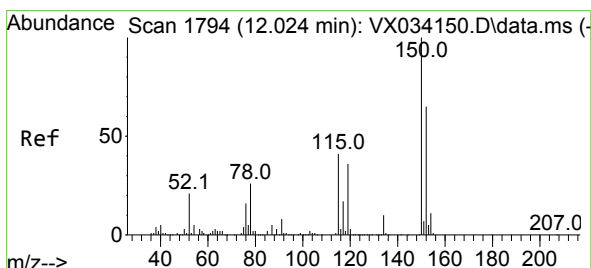
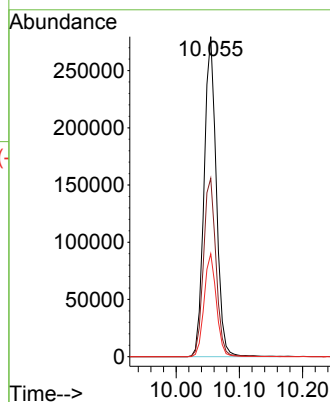
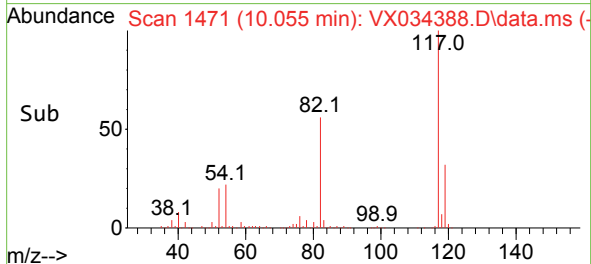


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034388.D
Acq: 08 Mar 2023 17:06

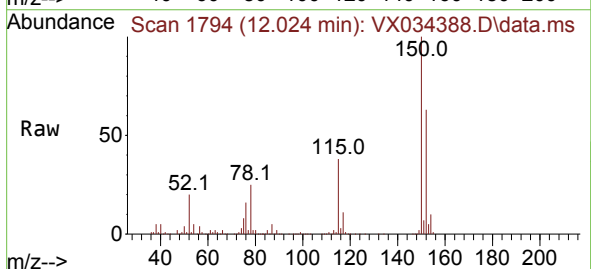
Instrument :
MSVOA_X
ClientSampleId :
FB01-20230308



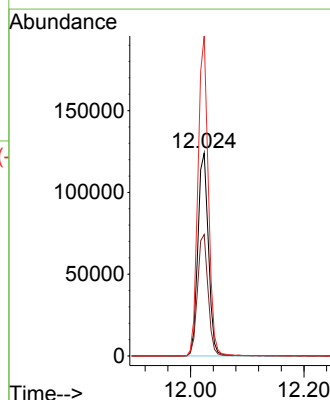
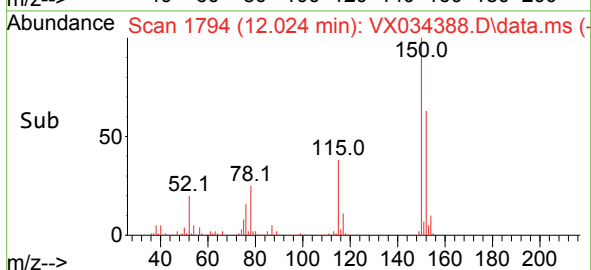
Tgt Ion:117 Resp: 376303
Ion Ratio Lower Upper
117 100
82 55.8 40.6 60.8
119 32.1 25.6 38.4

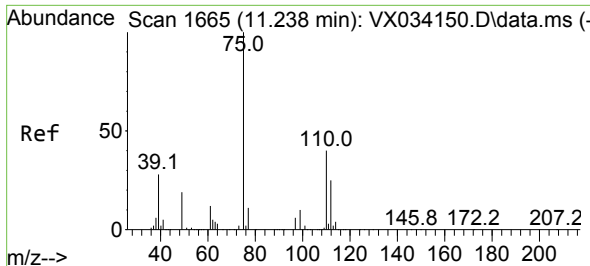


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034388.D
Acq: 08 Mar 2023 17:06



Tgt Ion:152 Resp: 160343
Ion Ratio Lower Upper
152 100
115 59.8 38.7 116.1
150 154.5 0.0 348.2

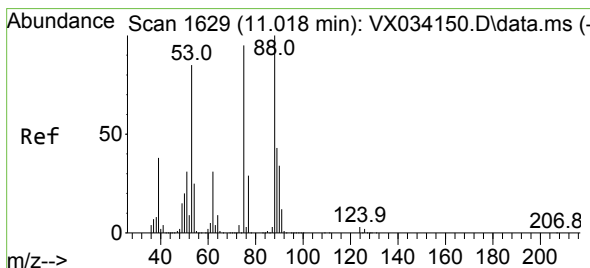
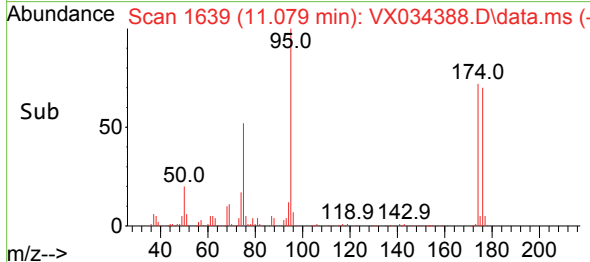
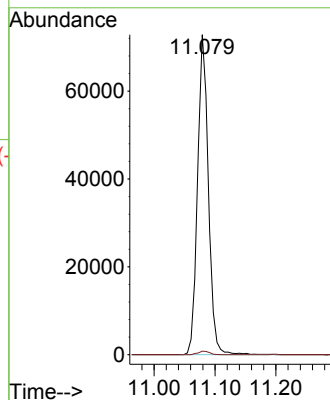
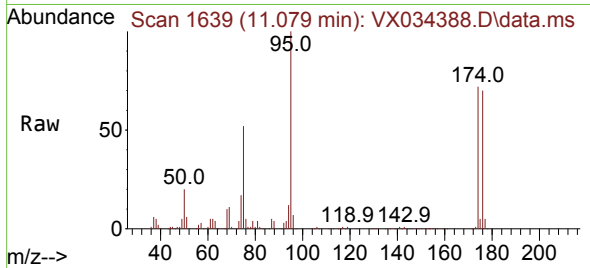




#76
1,2,3-Trichloropropane
Concen: 22.259 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034388.D
Acq: 08 Mar 2023 17:06

Instrument :
MSVOA_X
ClientSampleId :
FB01-20230308

Tgt Ion: 75 Resp: 89810
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034388.D
Acq: 08 Mar 2023 17:06

Tgt Ion: 75 Resp: 89810
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

