

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014102.D
 Acq On : 18 Dec 2019 17:21
 Operator : JC/SP
 Sample : K6300-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-MW-3

Quant Time: Dec 19 03:01:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	546083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	845917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	760975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340401	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	311248	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
35) Dibromofluoromethane	5.49	113	254090	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	8.71	98	1001648	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	334325	45.68	ug/l	0.00
Spiked Amount			Recovery	=	91.36%	

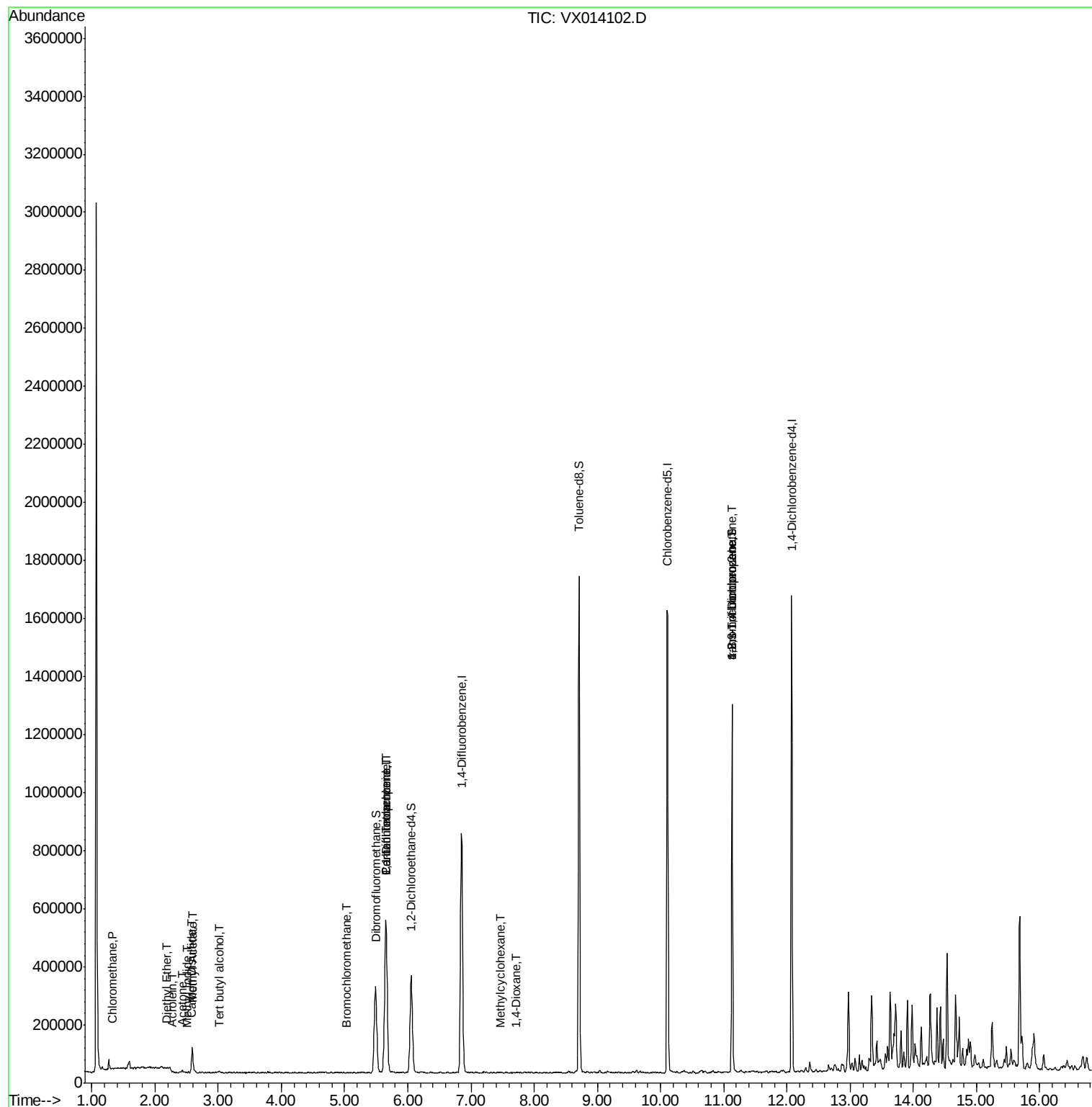
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1525	0.233	ug/l #	74
8) Diethyl Ether	2.18	74	824	0.205	ug/l	64
10) Methyl Iodide	2.51	142	313	2.664	ug/l #	29
11) Tert butyl alcohol	3.03	59	3622	2.708	ug/l #	40
13) Acrolein	2.27	56	374	0.489	ug/l #	43
16) Acetone	2.43	43	8949	2.227	ug/l	100
17) Carbon Disulfide	2.57	76	1454	0.848	ug/l #	16
18) Methyl Acetate	2.59	43	26189	3.289	ug/l #	52
28) Bromochloromethane	5.02	49	437	0.562	ug/l #	64
36) 1,1-Dichloropropene	5.65	75	36951	4.761	ug/l #	51
38) Carbon Tetrachloride	5.65	117	49226	6.962	ug/l #	17
39) Methylcyclohexane	7.47	83	2156	0.225	ug/l #	85
49) 1,4-Dioxane	7.72	88	308	2.179	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	162648	22.009	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	162648	62.121	ug/l #	11

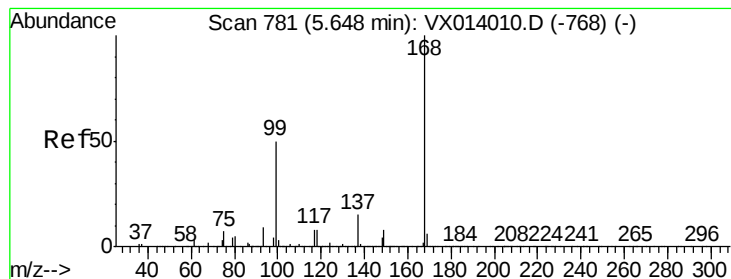
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121819\
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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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ClientSampleId :
SSI-MW-3

Quant Time: Dec 19 03:01:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

Instrument :

MSVOA_X

ClientSampled :

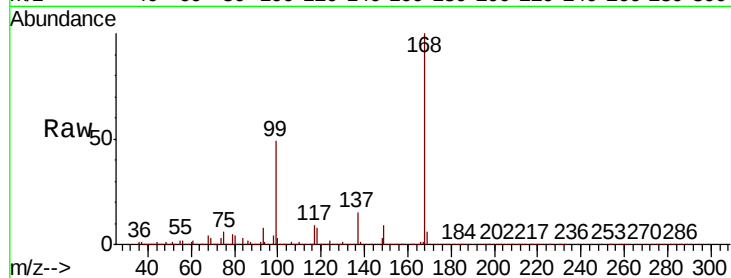
SSI-MW-3

Tot Ion:168 Resp: 546083

Ion Ratio Lower Upper

168 100

99 48.6 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

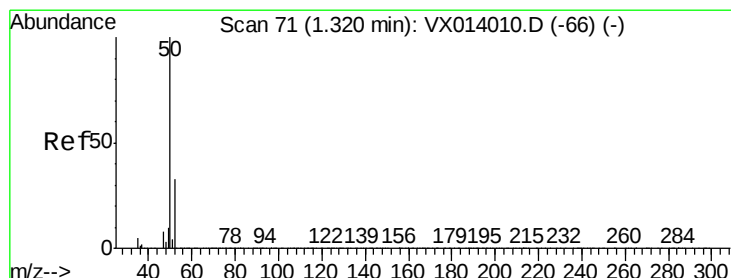
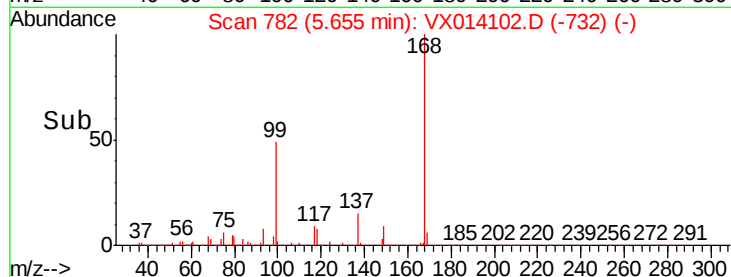
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.233 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014102.D

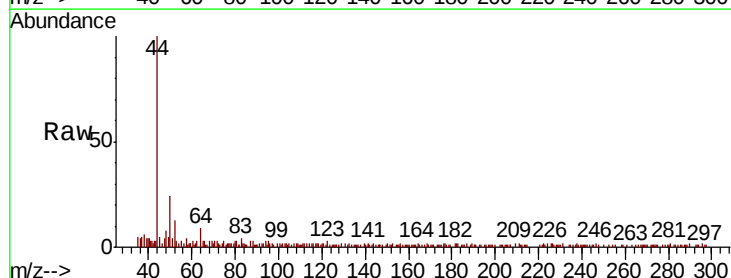
Acq: 18 Dec 2019 17:21

Tgt Ion: 50 Resp: 1525

Ion Ratio Lower Upper

50 100

52 47.7 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

2500

2000

1500

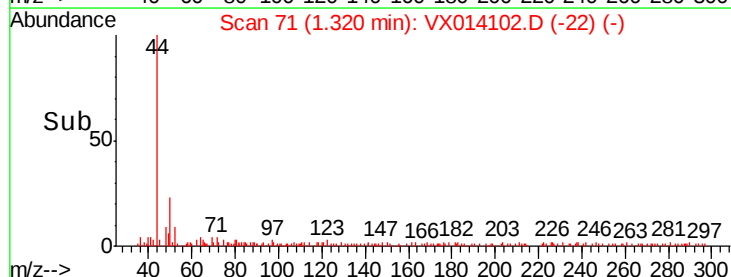
1000

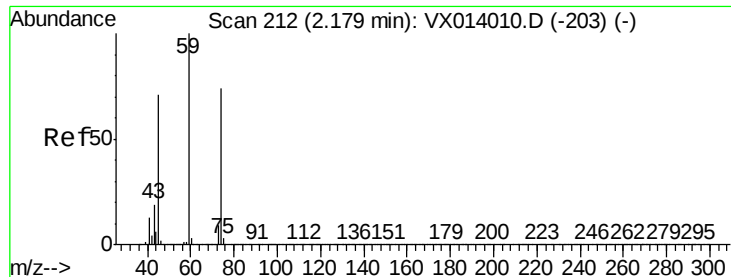
500

0

Time-->

1.30 1.32 1.34





#8

Diethyl Ether

Concen: 0.205 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

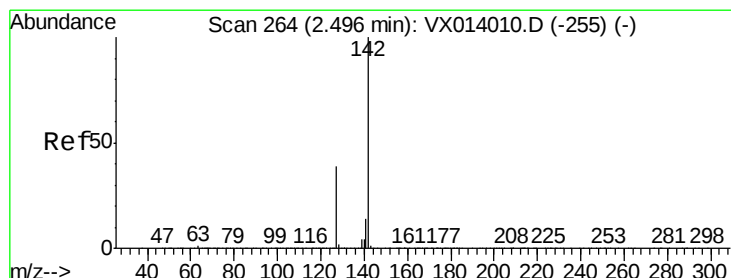
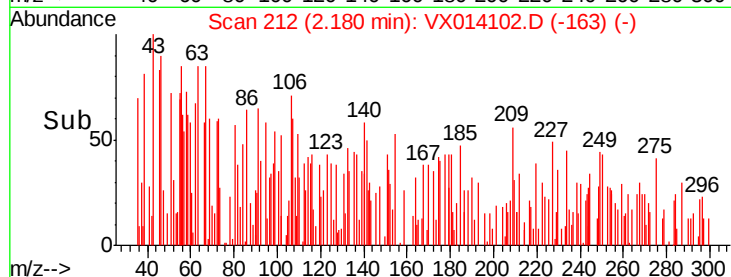
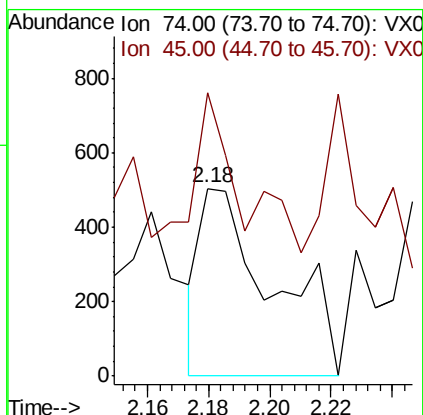
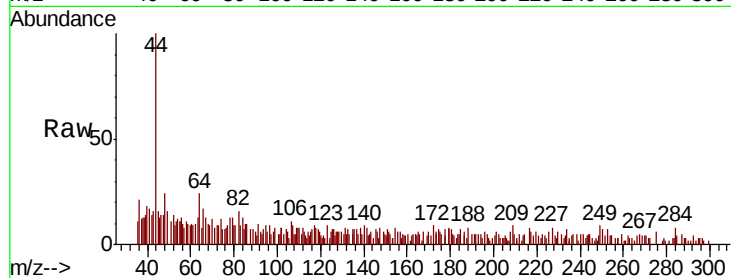
SSI-MW-3

Tot Ion: 74 Resp: 824

Ion Ratio Lower Upper

74 100

45 61.3 48.1 144.3



#10

Methyl Iodide

Concen: 2.664 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

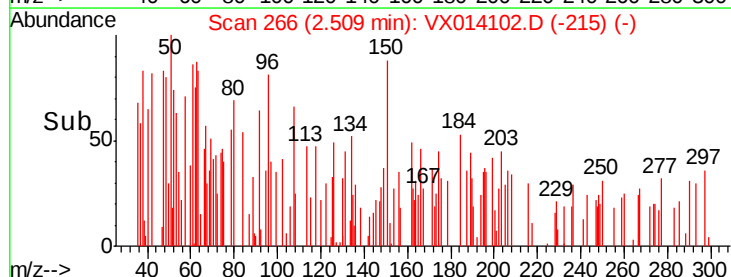
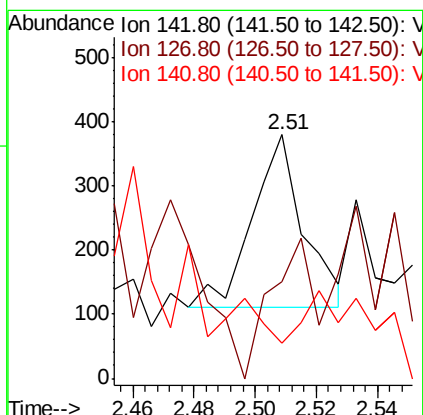
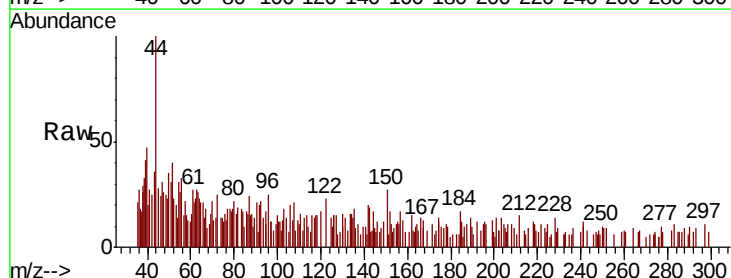
Tgt Ion: 142 Resp: 313

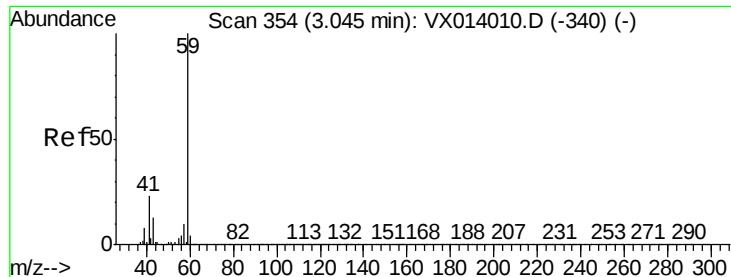
Ion Ratio Lower Upper

142 100

127 68.1 31.6 47.4#

141 71.2 11.6 17.4#

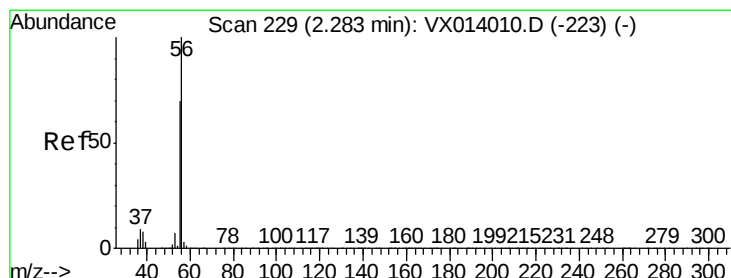
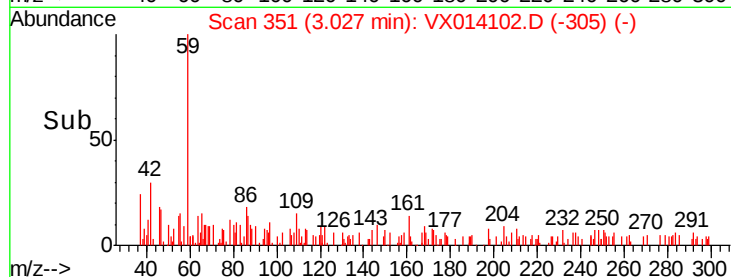
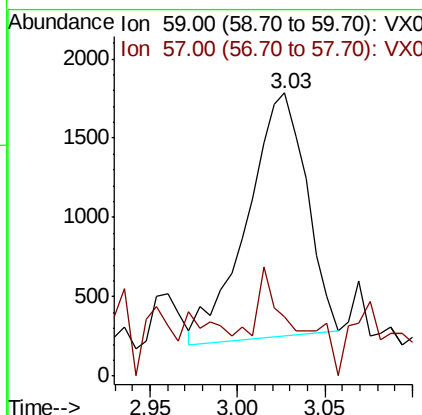
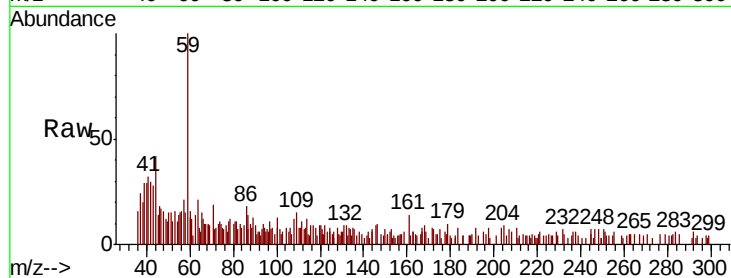




#11
Tert butyl alcohol
Concen: 2.708 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014102.D
Acq: 18 Dec 2019 17:21

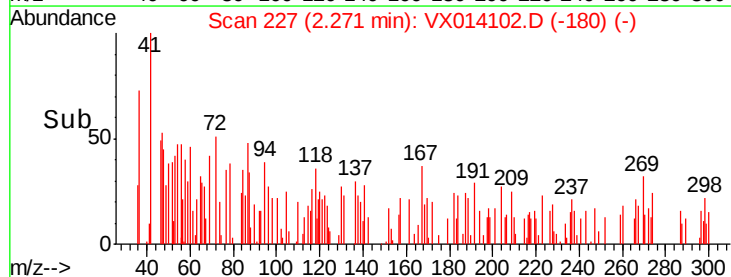
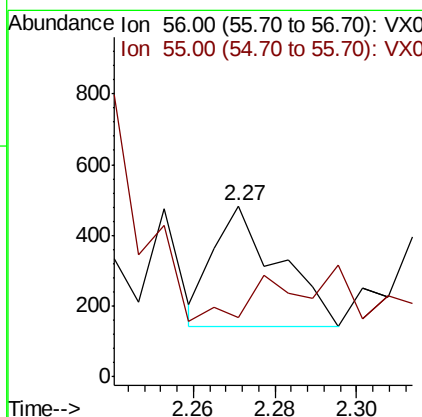
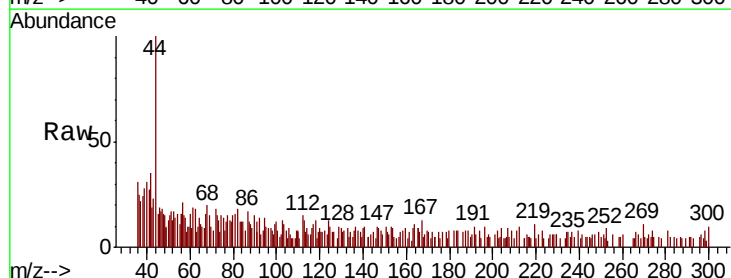
Instrument :
MSVOA_X
ClientSampleId :
SSI-MW-3

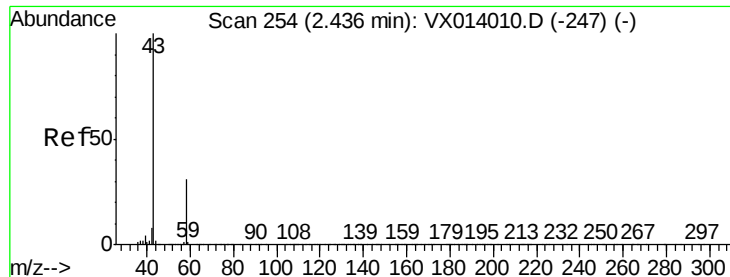
Tot Ion: 59 Resp: 3622
Ion Ratio Lower Upper
59 100
57 32.9 8.4 12.6#



#13
Acrolein
Concen: 0.489 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX014102.D
Acq: 18 Dec 2019 17:21

Tgt Ion: 56 Resp: 374
Ion Ratio Lower Upper
56 100
55 23.8 56.9 85.3#

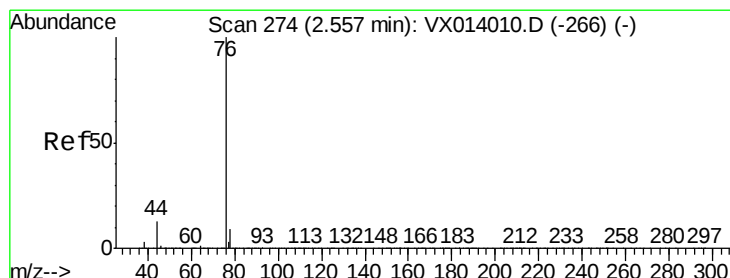
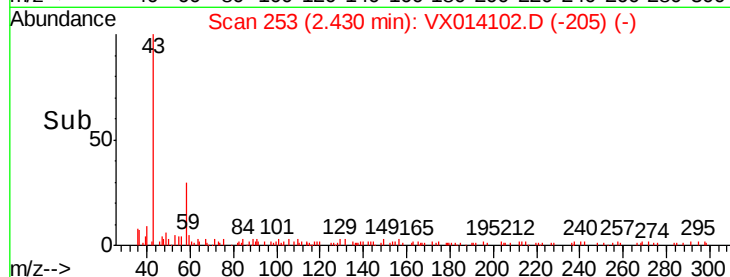
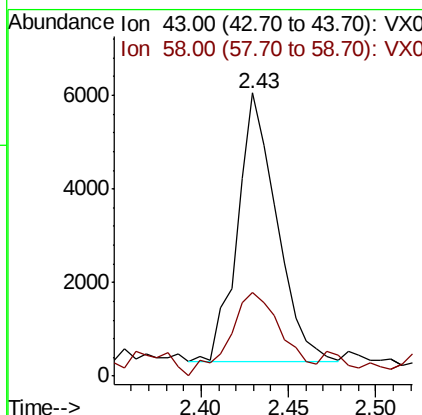
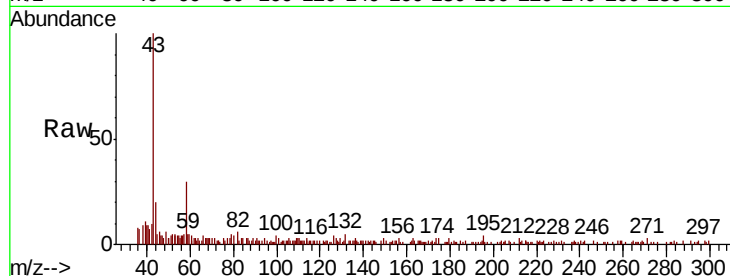




#16
Acetone
Concen: 2.227 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014102.D
Acq: 18 Dec 2019 17:21

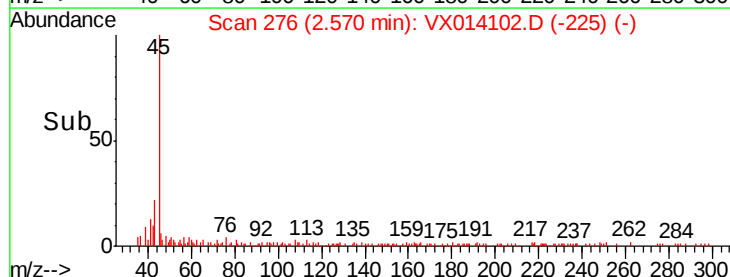
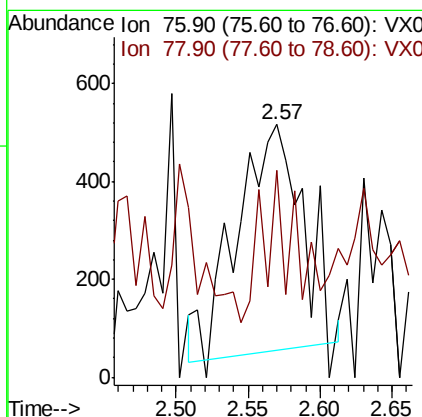
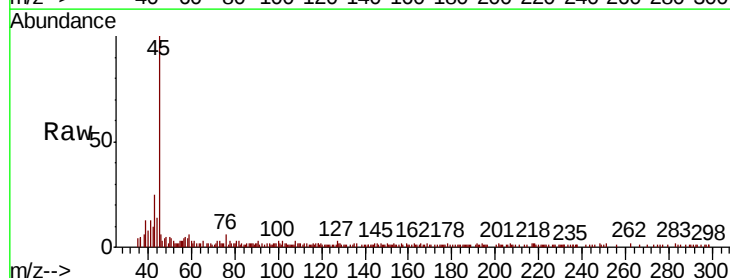
Instrument :
MSVOA_X
ClientSampleId :
SSI-MW-3

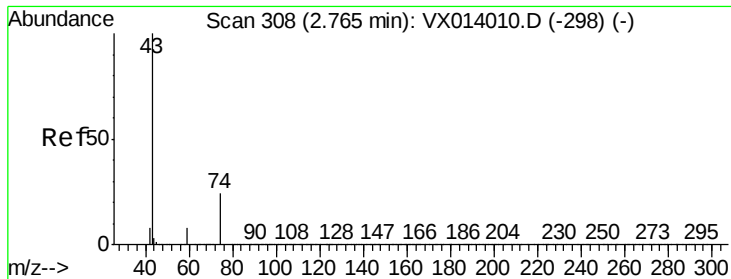
Tot Ion: 43 Resp: 8949
Ion Ratio Lower Upper
43 100
58 31.4 24.9 37.3



#17
Carbon Disulfide
Concen: 0.848 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX014102.D
Acq: 18 Dec 2019 17:21

Tgt Ion: 76 Resp: 1454
Ion Ratio Lower Upper
76 100
78 39.5 7.2 10.8#

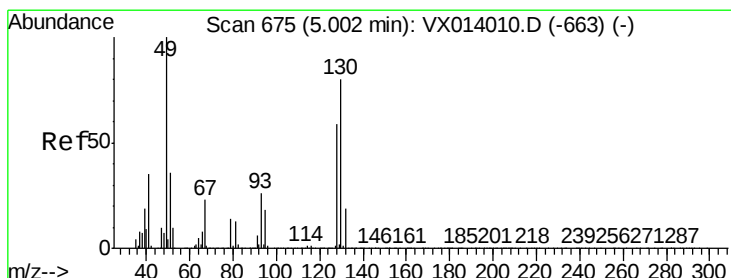
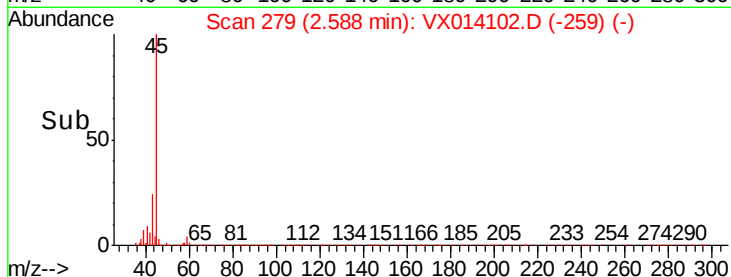
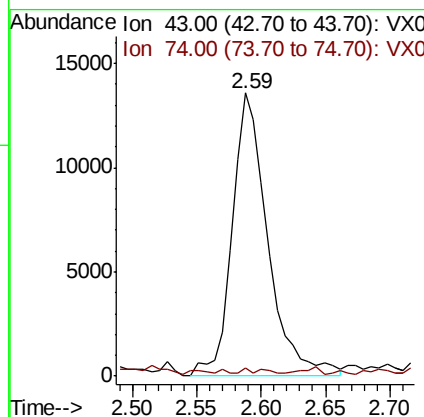
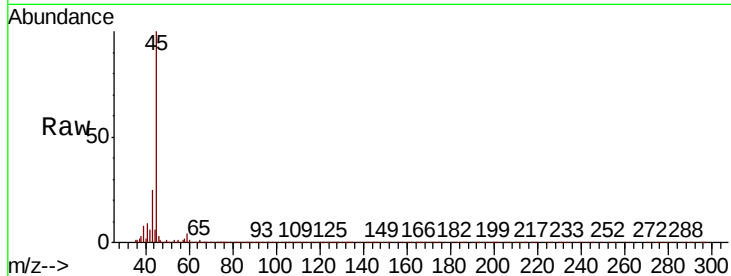




#18
Methyl Acetate
Concen: 3.289 ug/l
RT: 2.59 min Scan# 279
Delta R.T. -0.18 min
Lab File: VX014102.D
Acq: 18 Dec 2019 17:21

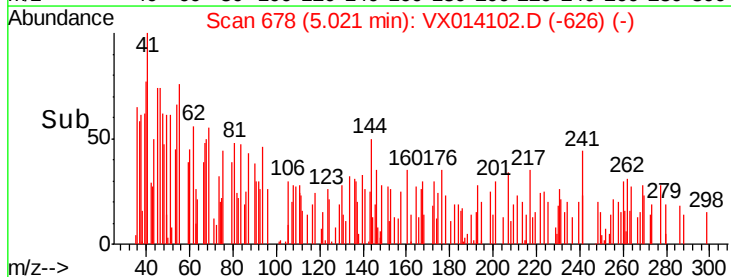
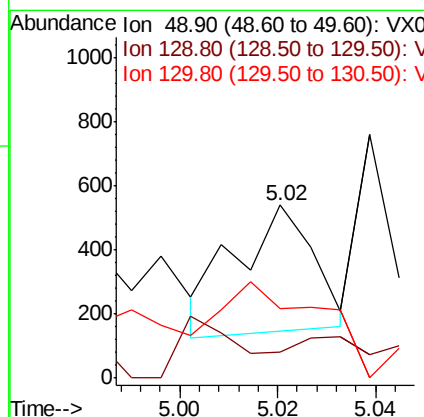
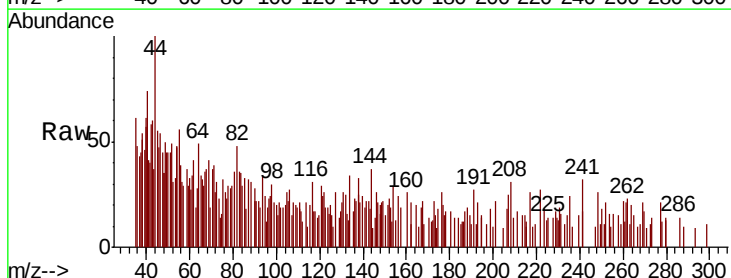
Instrument :
MSVOA_X
ClientSampled :
SSI-MW-3

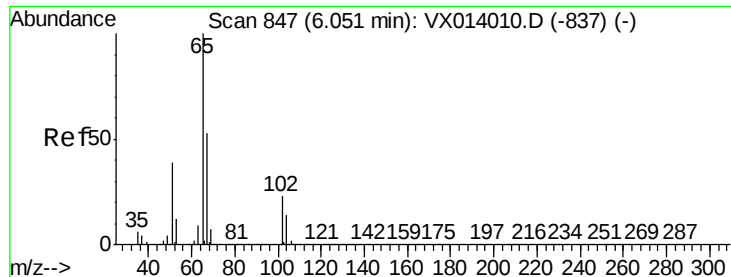
Tot Ion: 43 Resp: 26189
Ion Ratio Lower Upper
43 100
74 0.4 19.5 29.3#



#28
Bromochloromethane
Concen: 0.562 ug/l
RT: 5.02 min Scan# 678
Delta R.T. 0.02 min
Lab File: VX014102.D
Acq: 18 Dec 2019 17:21

Tgt Ion: 49 Resp: 437
Ion Ratio Lower Upper
49 100
129 34.1 0.0 5.0#
130 111.2 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 50.290 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

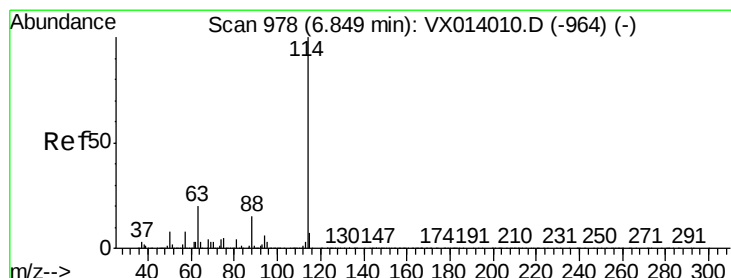
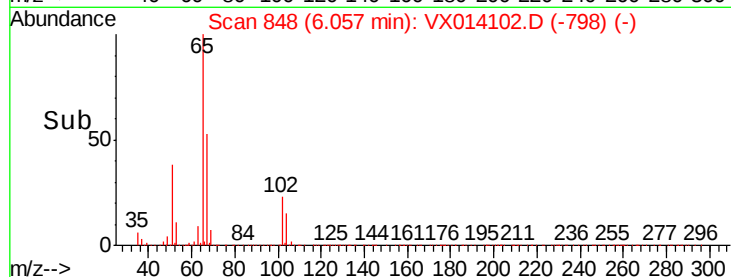
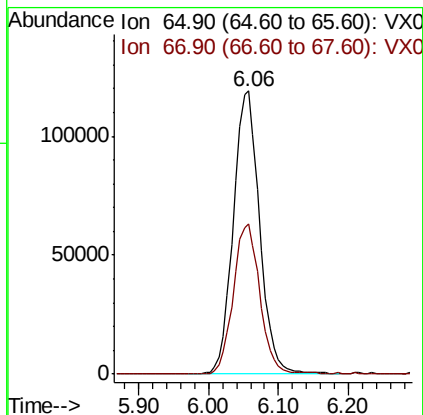
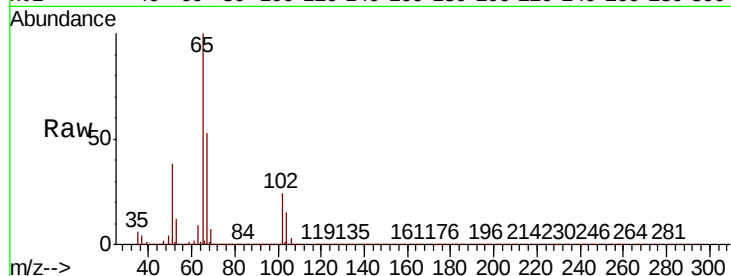
SSI-MW-3

Tot Ion: 65 Resp: 311248

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

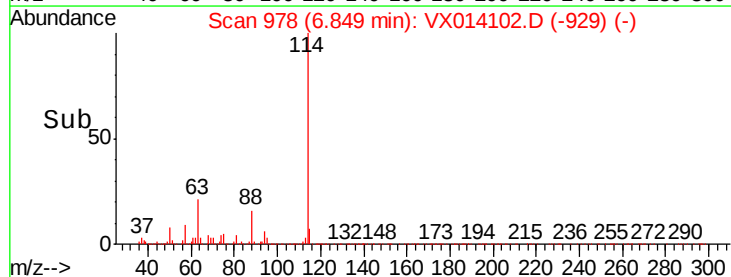
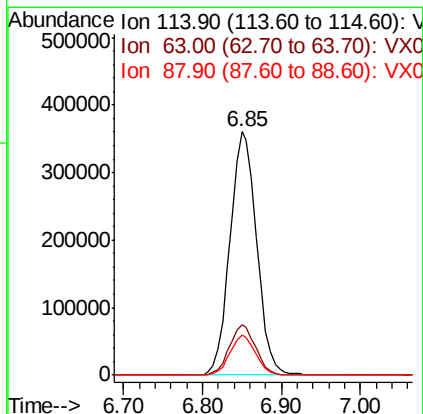
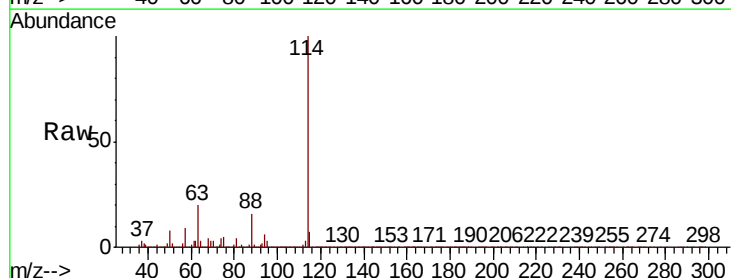
Tgt Ion: 114 Resp: 845917

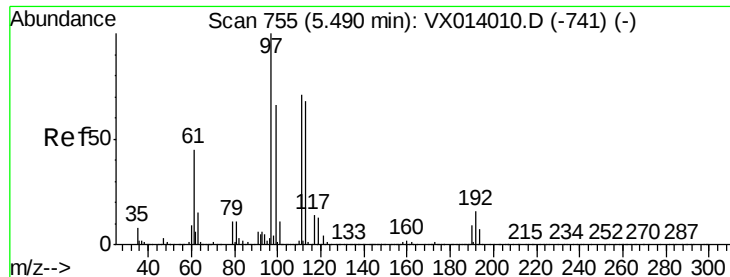
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 16.4 0.0 30.4

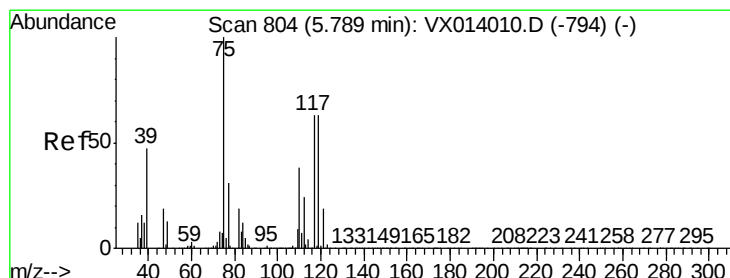
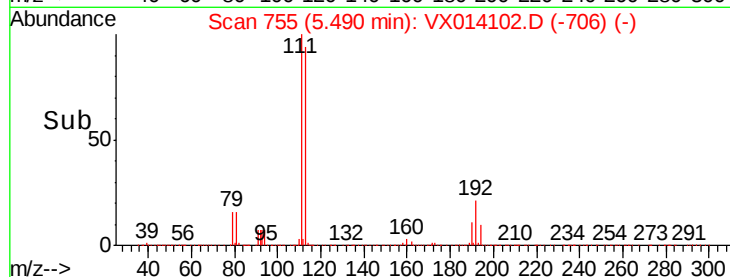
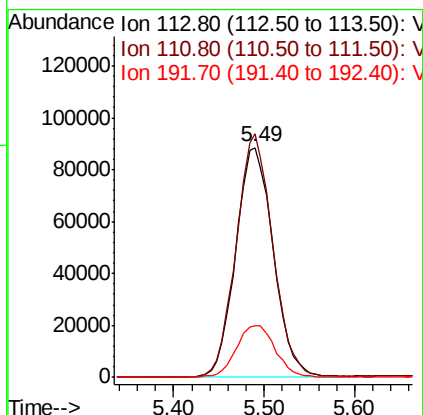
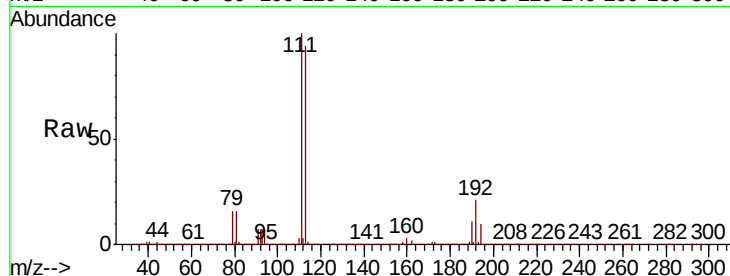




#35
 Dibromofluoromethane
 Concen: 49.412 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014102.D
 Acq: 18 Dec 2019 17:21

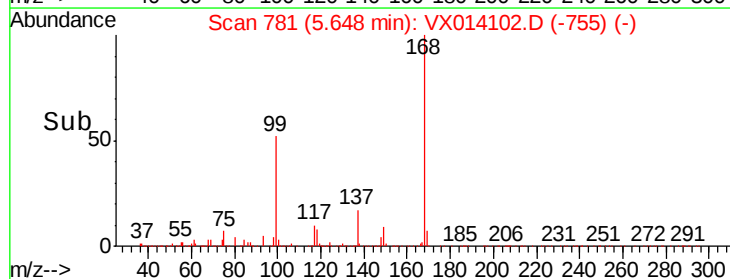
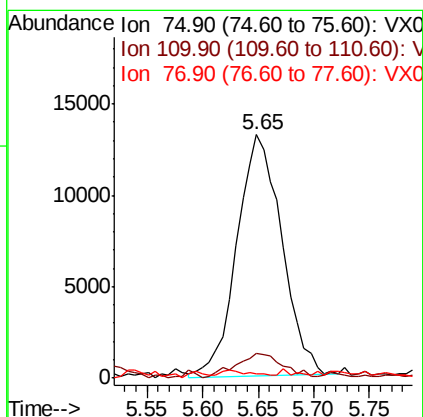
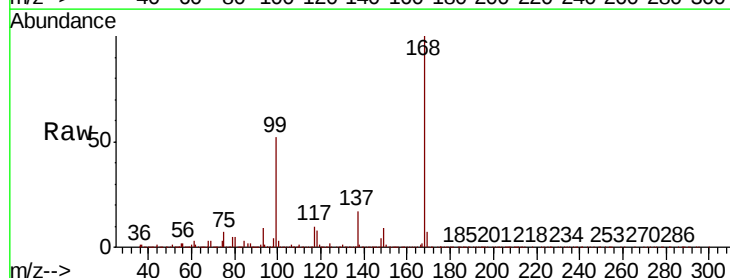
Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-MW-3

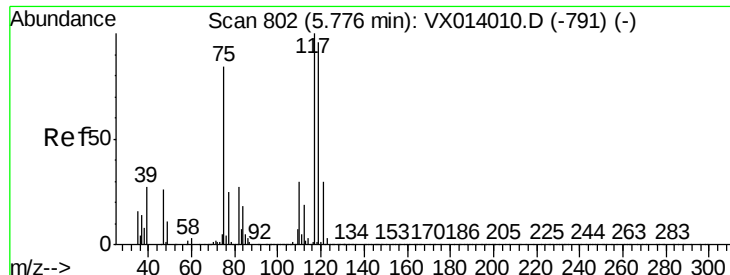
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.0	123.0
192	23.4	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.761 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX014102.D
 Acq: 18 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.3	54.9#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.962 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

SSI-MW-3

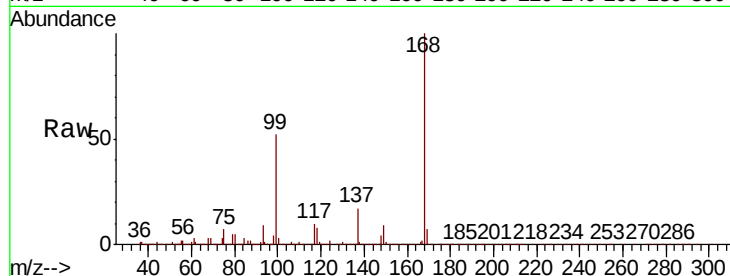
Tot Ion:117 Resp: 49226

Ion Ratio Lower Upper

117 100

119 5.6 76.2 114.4#

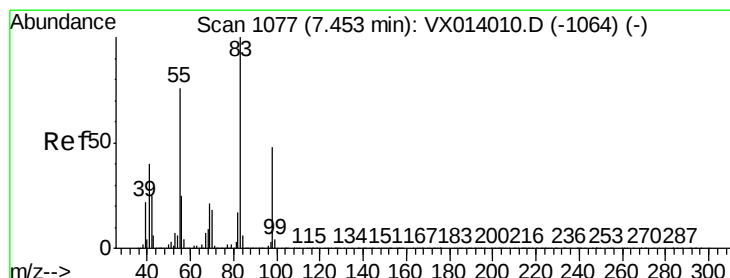
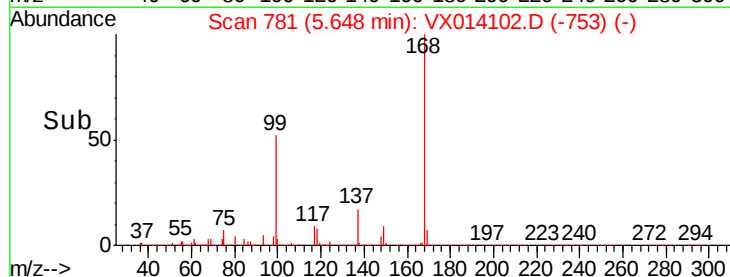
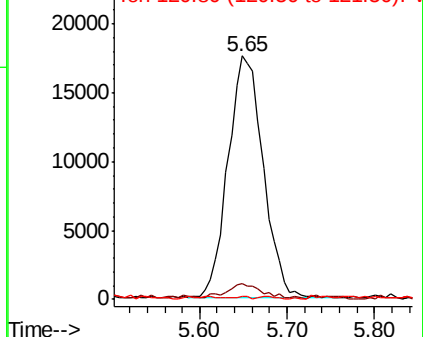
121 0.5 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.225 ug/l

RT: 7.47 min Scan# 1080

Delta R.T. 0.02 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

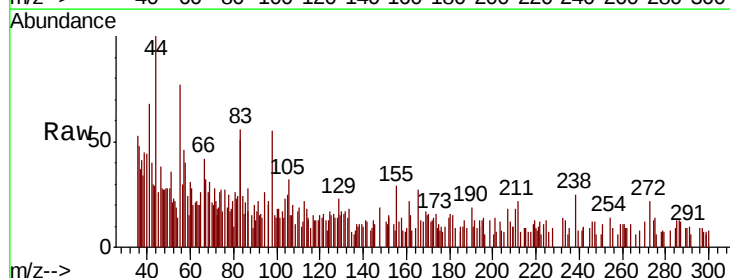
Tgt Ion: 83 Resp: 2156

Ion Ratio Lower Upper

83 100

55 57.3 61.0 91.6#

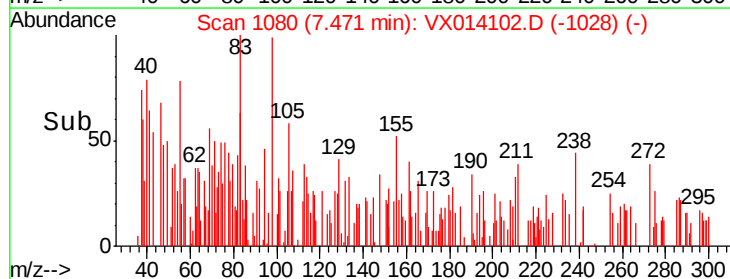
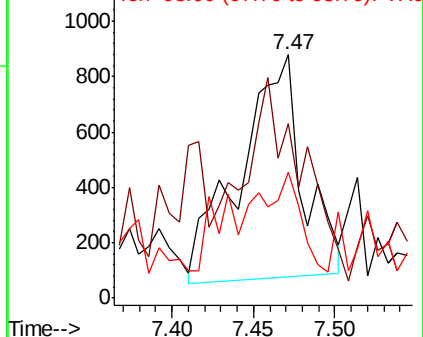
98 44.9 38.6 57.8

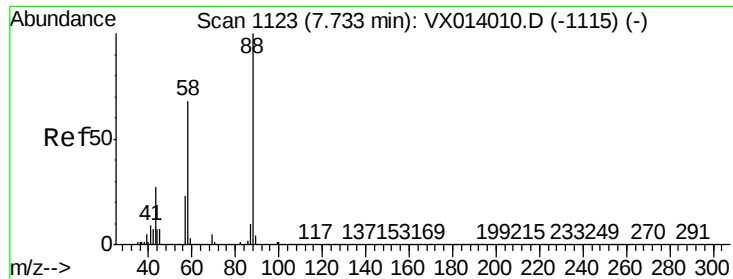


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#49

1,4-Dioxane

Concen: 2.179 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

Instrument :

MSVOA_X

ClientSampled :

SSI-MW-3

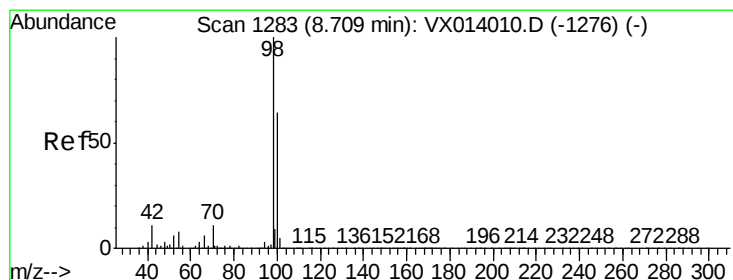
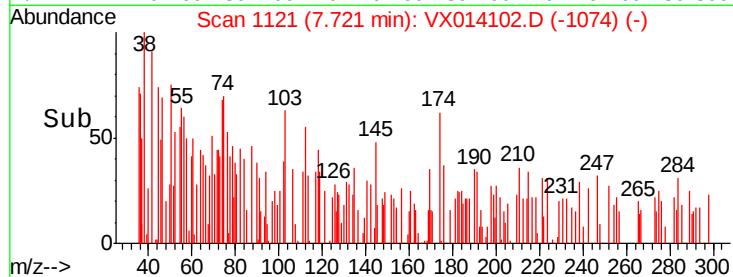
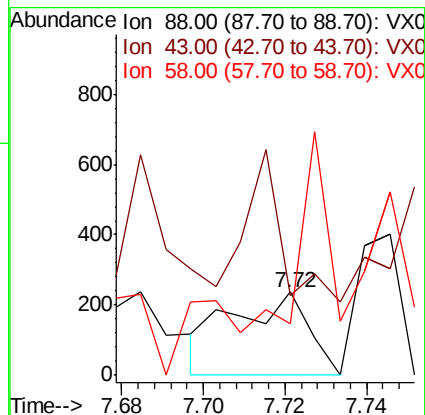
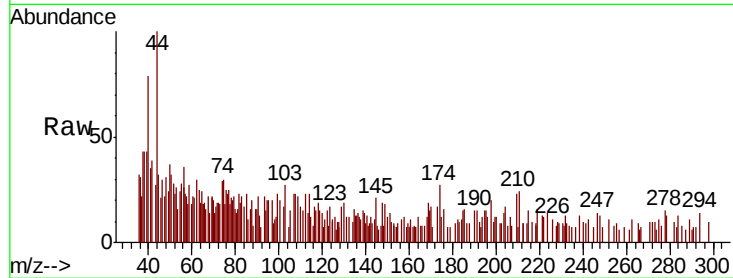
Tot Ion: 88 Resp: 308

Ion Ratio Lower Upper

88 100

43 108.8 26.5 39.7#

58 175.3 56.8 85.2#



#50

Toluene-d8

Concen: 50.032 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014102.D

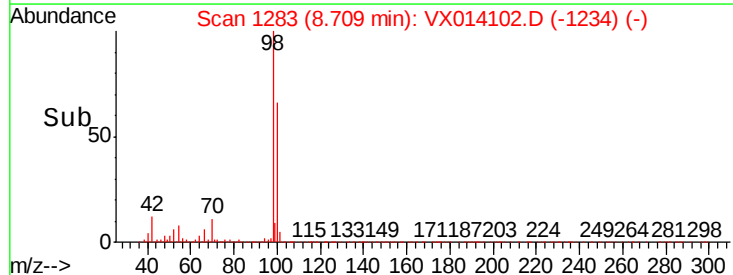
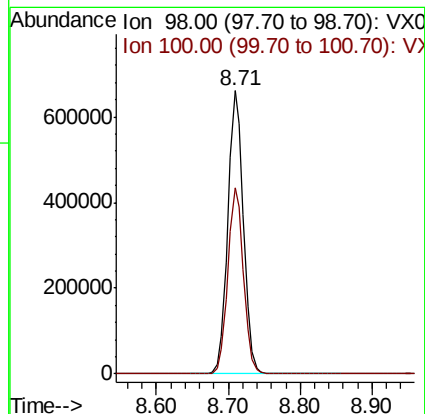
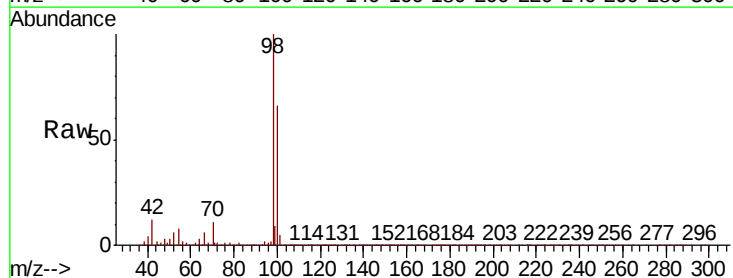
Acq: 18 Dec 2019 17:21

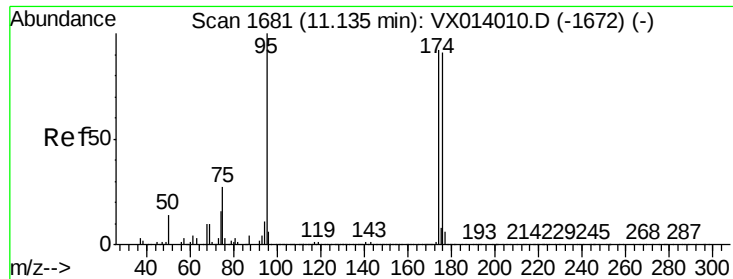
Tgt Ion: 98 Resp: 1001648

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3

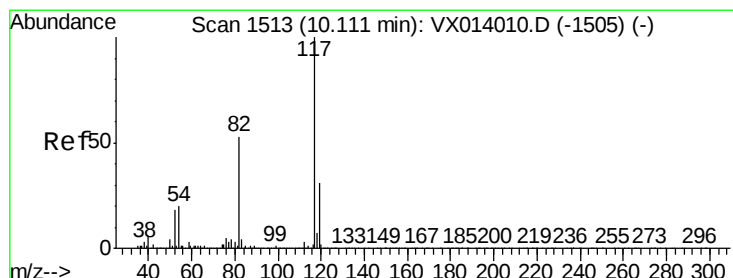
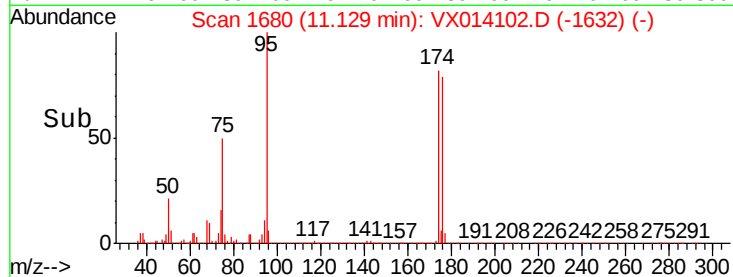
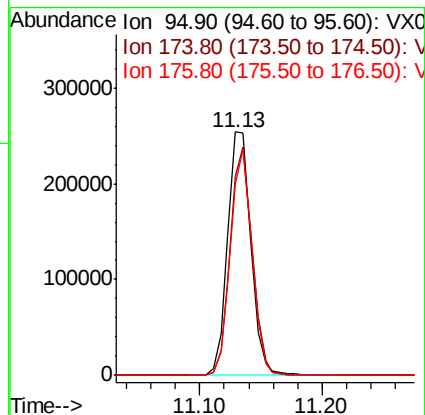
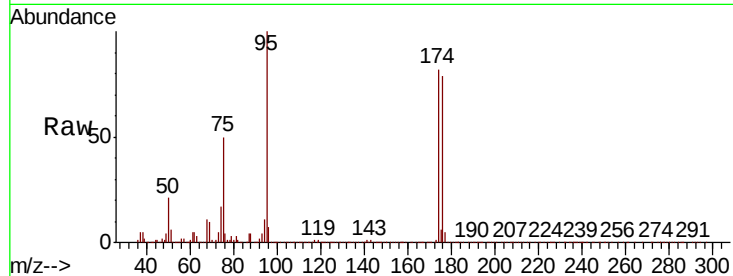




#62
4-Bromofluorobenzene
Concen: 45.684 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014102.D
Acq: 18 Dec 2019 17:21

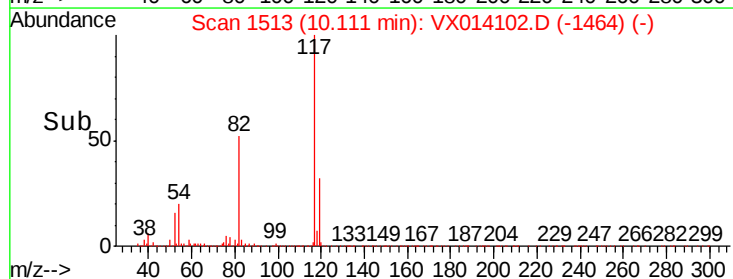
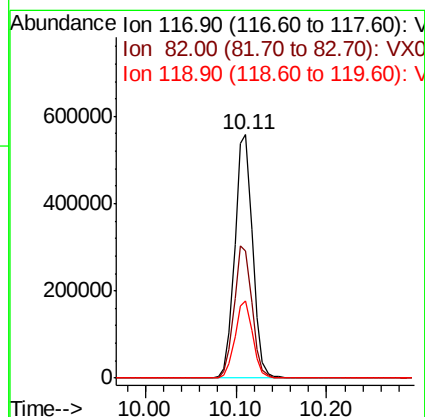
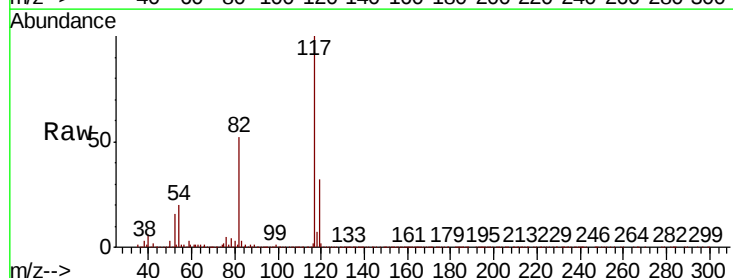
Instrument :
MSVOA_X
ClientSampleId :
SSI-MW-3

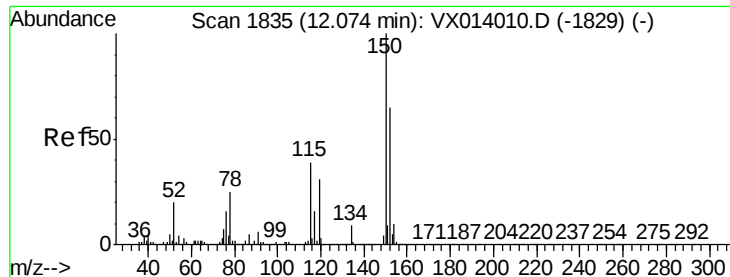
Tot Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	175.8
176	86.3	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014102.D
Acq: 18 Dec 2019 17:21

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.2	63.4
119	31.6	25.1	37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

SSI-MW-3

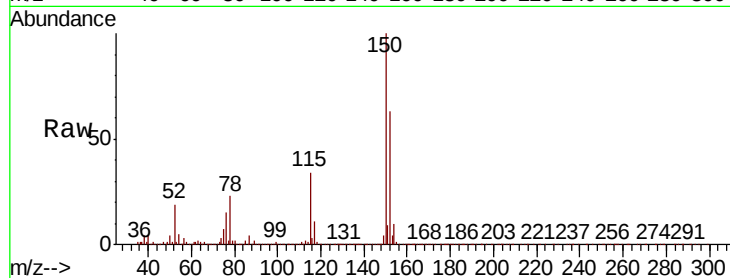
Tot Ion:152 Resp: 340401

Ion Ratio Lower Upper

152 100

115 54.6 38.3 114.9

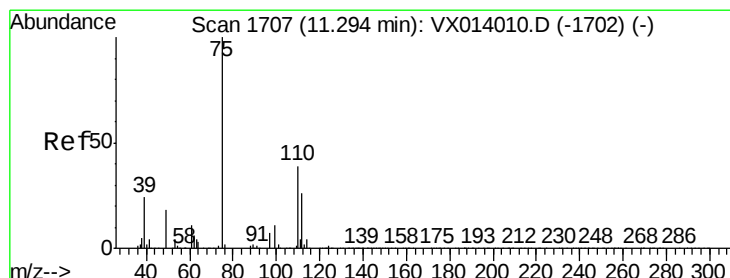
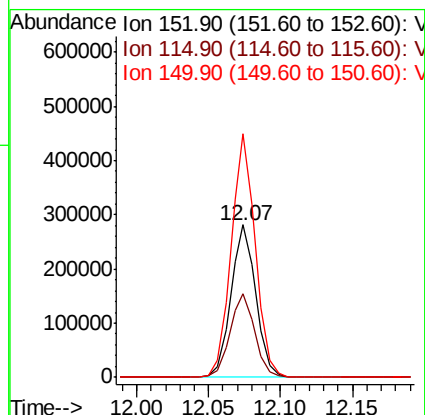
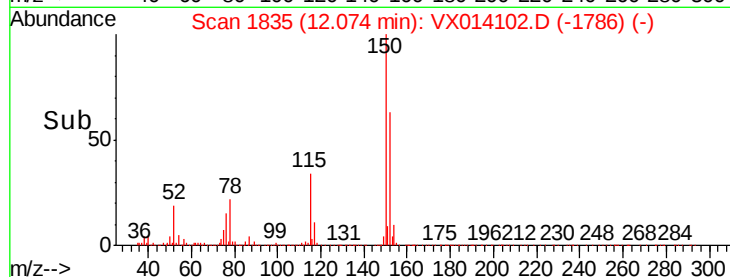
150 155.4 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 22.009 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014102.D

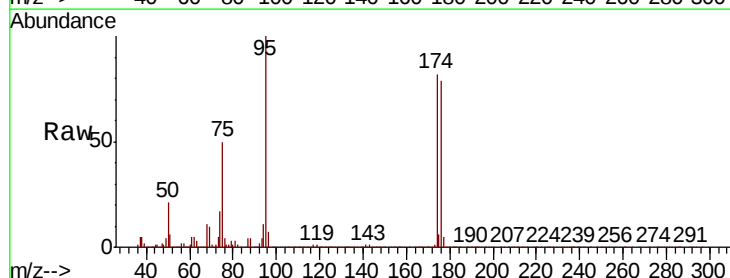
Acq: 18 Dec 2019 17:21

Tgt Ion: 75 Resp: 162648

Ion Ratio Lower Upper

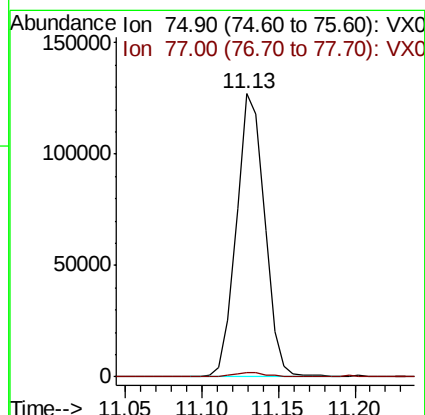
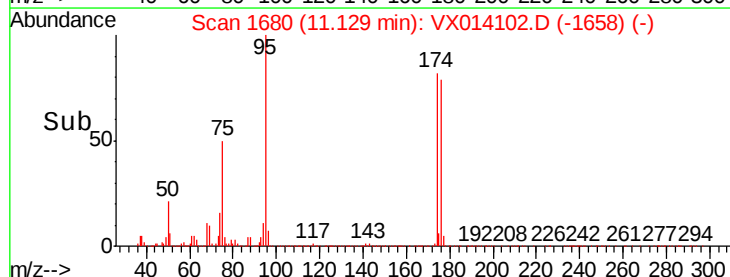
75 100

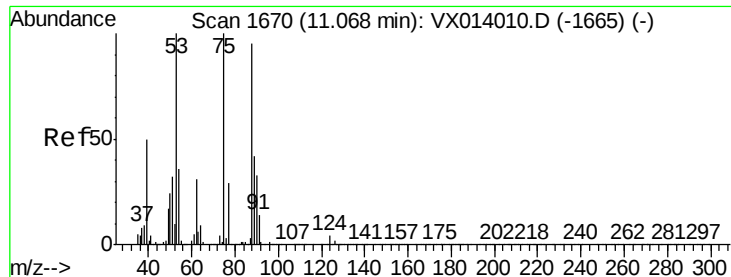
77 1.4 19.3 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 62.121 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014102.D

Acq: 18 Dec 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

SSI-MW-3

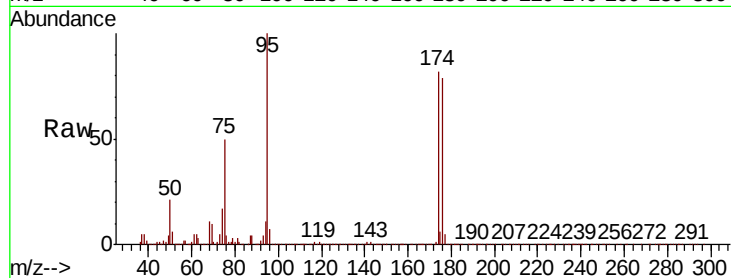
Tot Ion: 75 Resp: 162648

Ion Ratio Lower Upper

75 100

53 0.0 76.7 115.1#

89 0.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

