

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014100.D
 Acq On : 18 Dec 2019 16:34
 Operator : JC/SP
 Sample : K6300-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-MW-1

Quant Time: Dec 19 03:00:53 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	551381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	847490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	755198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317787	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	311698	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
35) Dibromofluoromethane	5.49	113	253732	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
50) Toluene-d8	8.71	98	1008861	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.14	95	331438	45.21	ug/l	0.00
Spiked Amount			Recovery	=	90.42%	

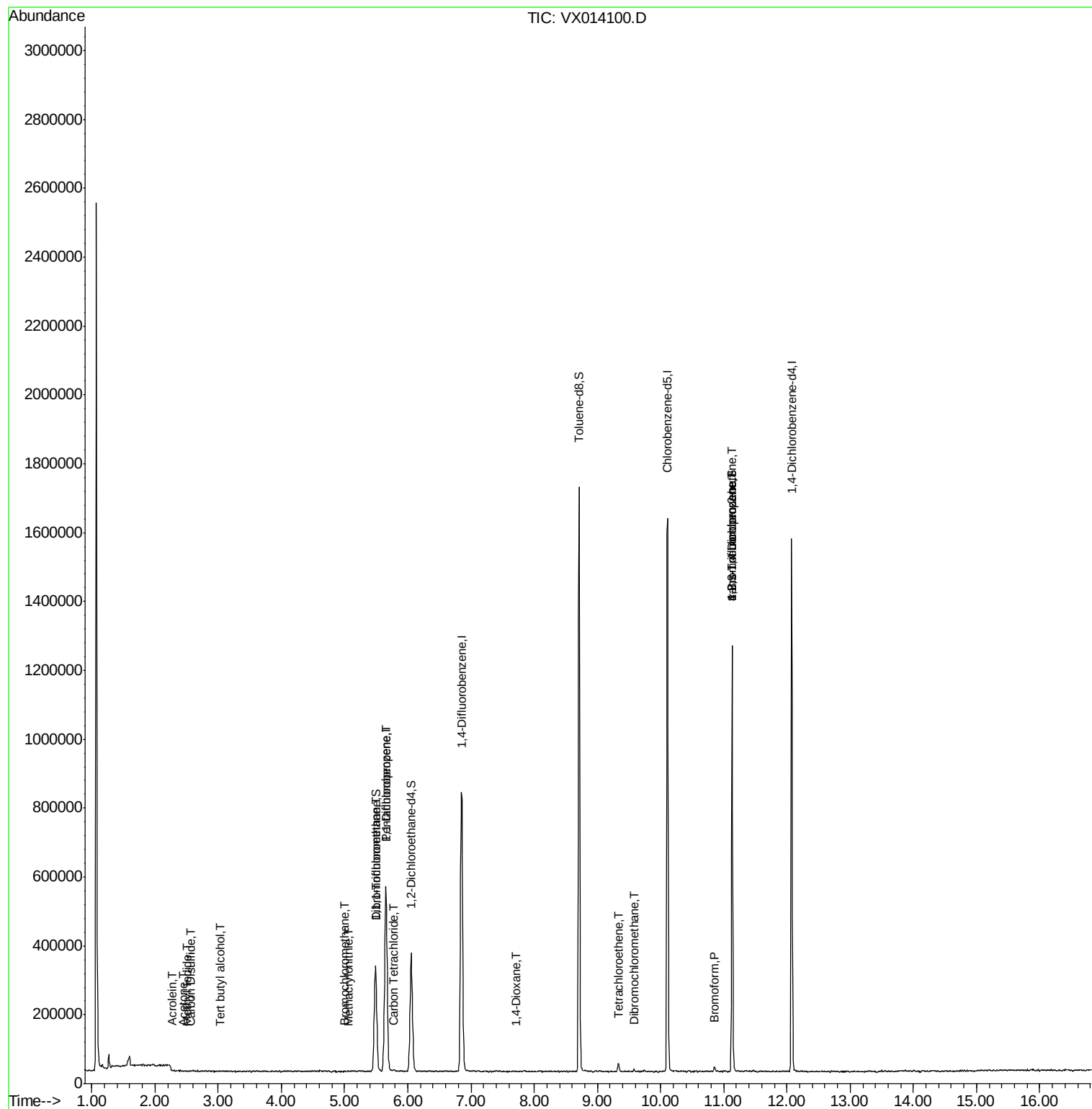
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	677	2.714	ug/l #	45
11) Tert butyl alcohol	3.03	59	652	0.483	ug/l #	1
13) Acrolein	2.28	56	409	0.529	ug/l #	14
16) Acetone	2.45	43	1704	0.420	ug/l	97
17) Carbon Disulfide	2.55	76	597	0.790	ug/l #	1
28) Bromochloromethane	5.01	49	574	0.595	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	10984	1.295	ug/l #	44
36) 1,1-Dichloropropene	5.65	75	38150	4.906	ug/l #	51
38) Carbon Tetrachloride	5.78	117	2231	0.315	ug/l	86
41) Methacrylonitrile	5.06	41	1037	0.218	ug/l #	23
49) 1,4-Dioxane	7.71	88	179	1.264	ug/l #	1
60) Dibromochloromethane	9.58	129	4294	0.713	ug/l	97
64) Tetrachloroethene	9.33	164	5981	0.895	ug/l #	79
71) Bromoform	10.85	173	6020	1.306	ug/l #	93
76) 1,2,3-Trichloropropane	11.13	75	160611	23.280	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	160611	65.708	ug/l #	12

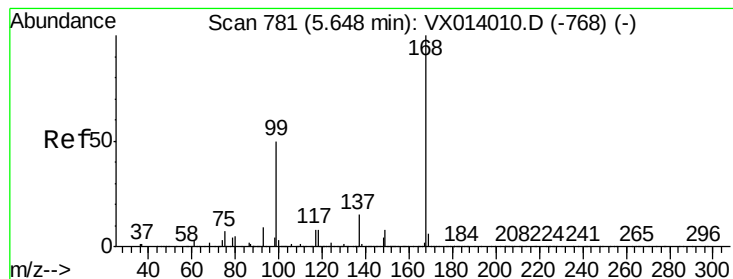
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121819\
Data File : VX014100.D
Acq On : 18 Dec 2019 16:34
Operator : JC/SP
Sample : K6300-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SSI-MW-1

Quant Time: Dec 19 03:00:53 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: VX014100.D

Acq: 18 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

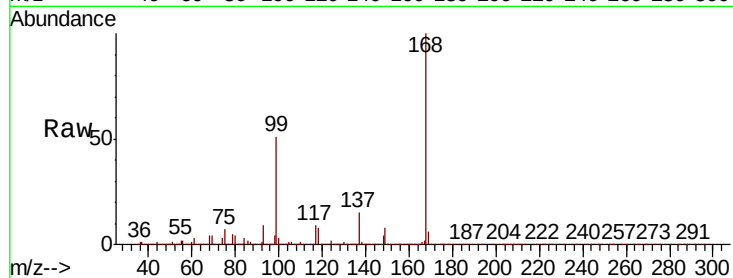
SSI-MW-1

Tot Ion:168 Resp: 551381

Ion Ratio Lower Upper

168 100

99 51.1 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

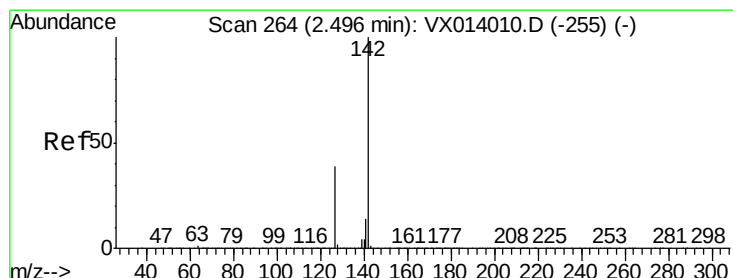
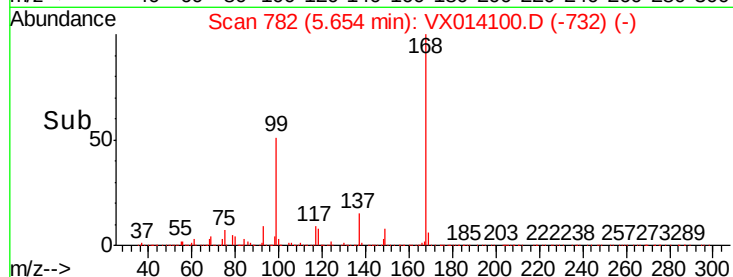
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#10

Methyl Iodide

Concen: 2.714 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

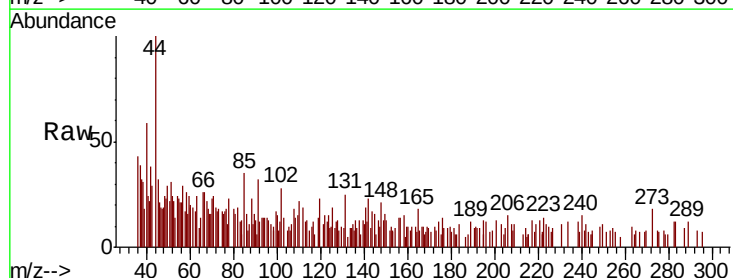
Tgt Ion:142 Resp: 677

Ion Ratio Lower Upper

142 100

127 0.0 31.6 47.4#

141 27.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

400

300

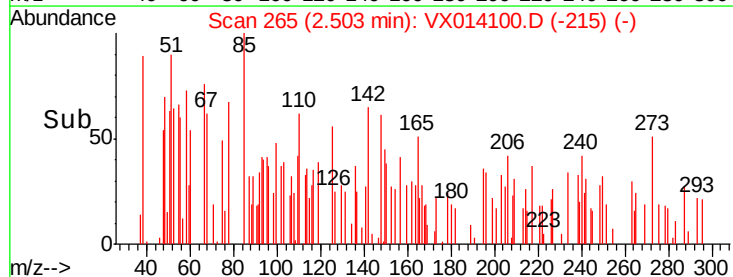
200

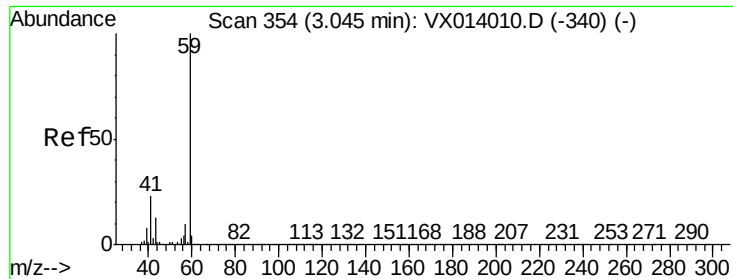
100

0

2.45 2.50 2.55

Time-->



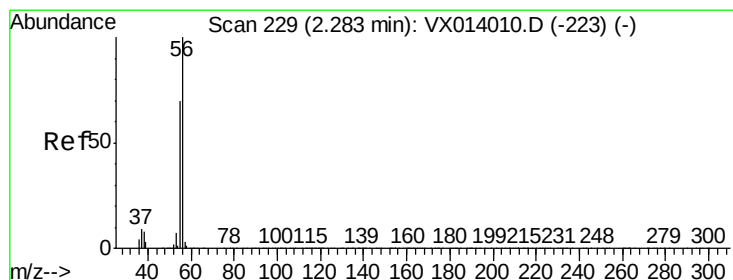
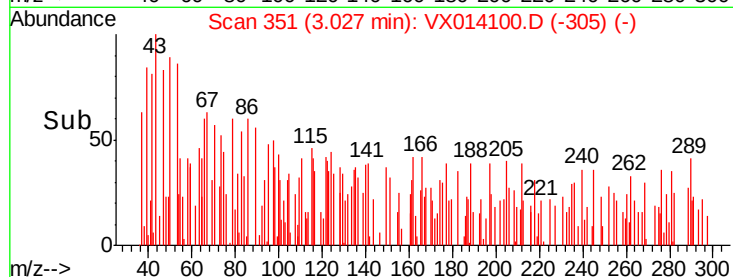
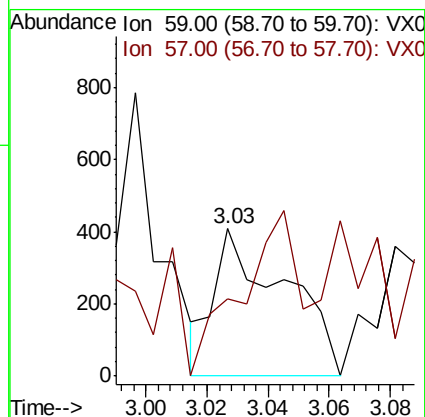
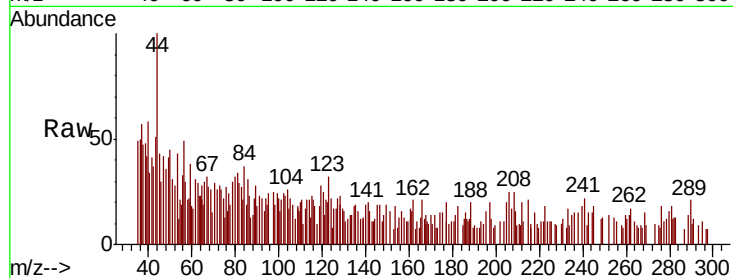


#11

Tert butyl alcohol
Concen: 0.483 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014100.D
Acq: 18 Dec 2019 16:34

Instrument :
MSVOA_X
ClientSampled :
SSI-MW-1

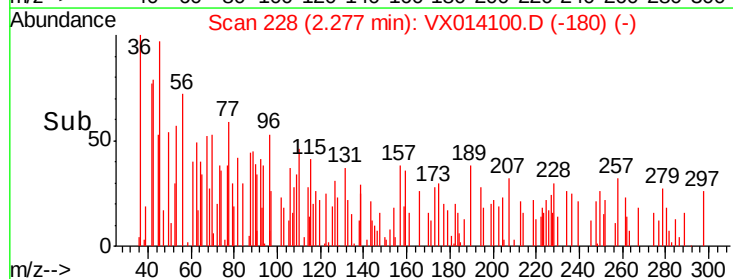
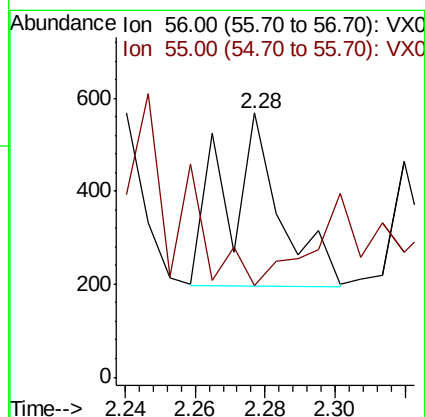
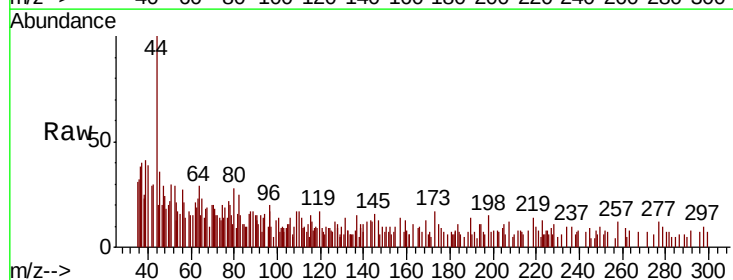
Tot Ion: 59 Resp: 652
Ion Ratio Lower Upper
59 100
57 101.2 8.4 12.6#

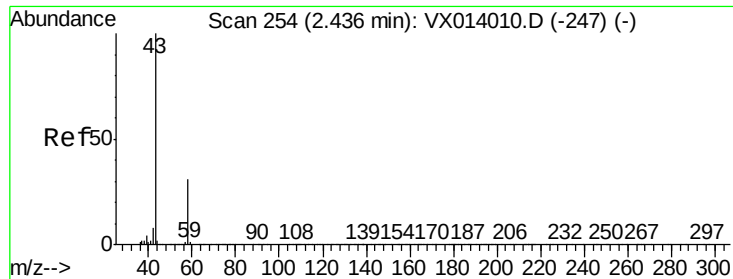


#13

Acrolein
Concen: 0.529 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX014100.D
Acq: 18 Dec 2019 16:34

Tgt Ion: 56 Resp: 409
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#





#16

Acetone

Concen: 0.420 ug/l

RT: 2.45 min Scan# 256

Delta R.T. 0.01 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

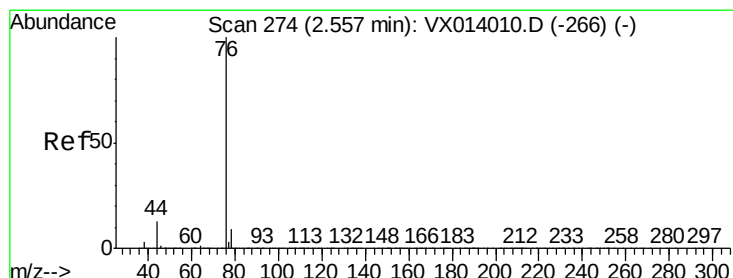
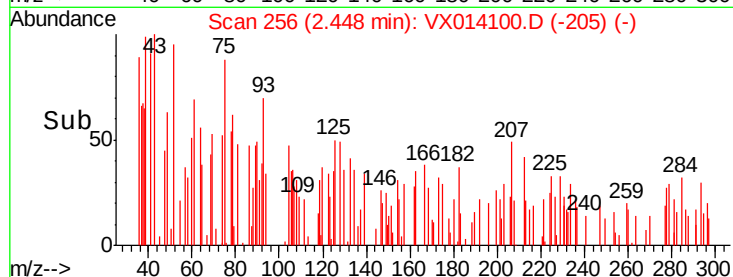
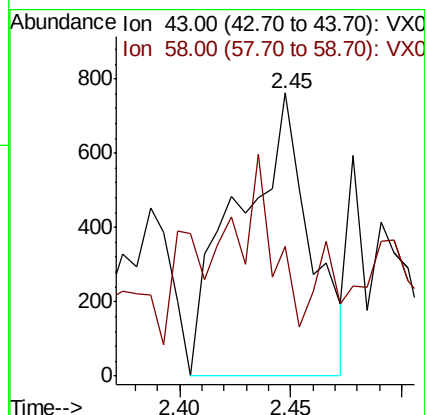
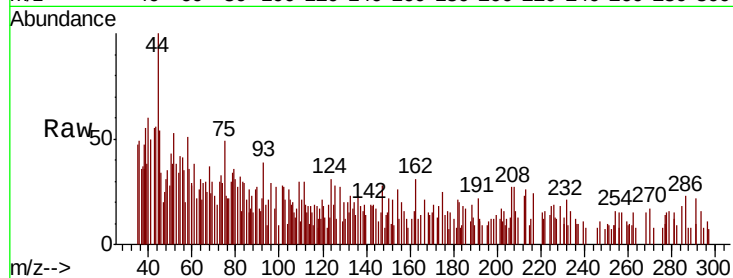
SSI-MW-1

Tot Ion: 43 Resp: 1704

Ion Ratio Lower Upper

43 100

58 29.4 24.9 37.3



#17

Carbon Disulfide

Concen: 0.790 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX014100.D

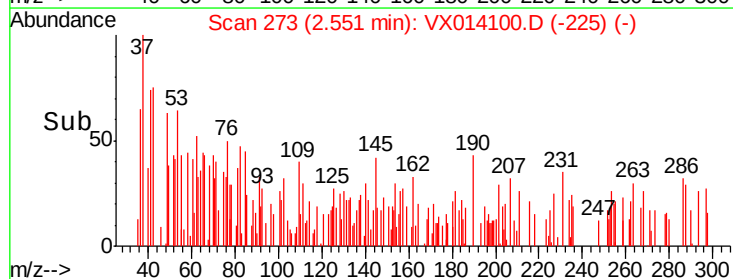
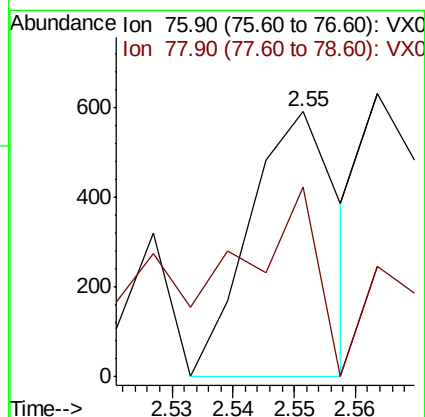
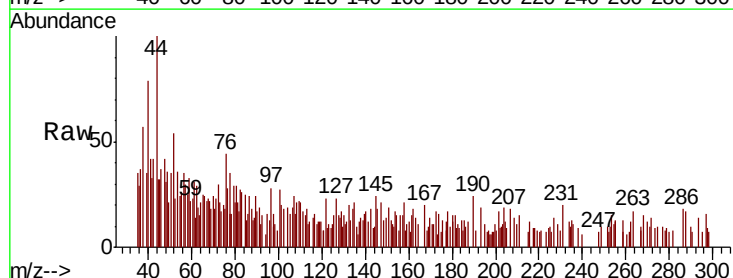
Acq: 18 Dec 2019 16:34

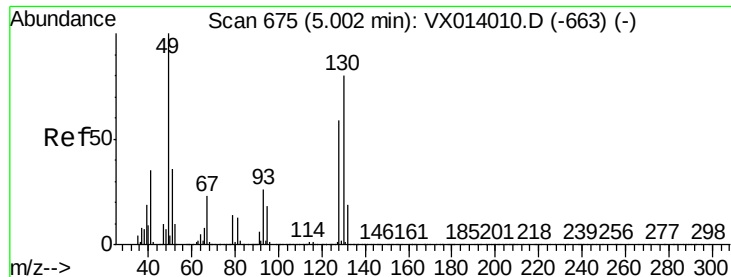
Tgt Ion: 76 Resp: 597

Ion Ratio Lower Upper

76 100

78 71.6 7.2 10.8#





#28

Bromochloromethane

Concen: 0.595 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

SSI-MW-1

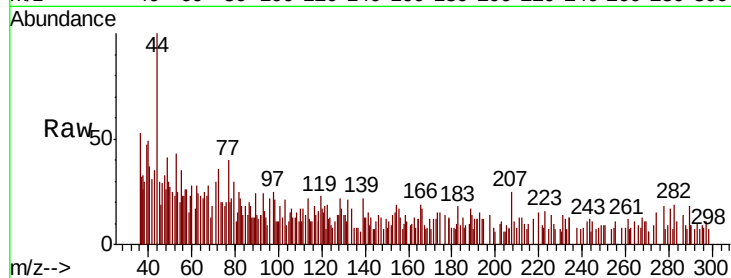
Tot Ion: 49 Resp: 574

Ion Ratio Lower Upper

49 100

129 37.6 0.0 5.0#

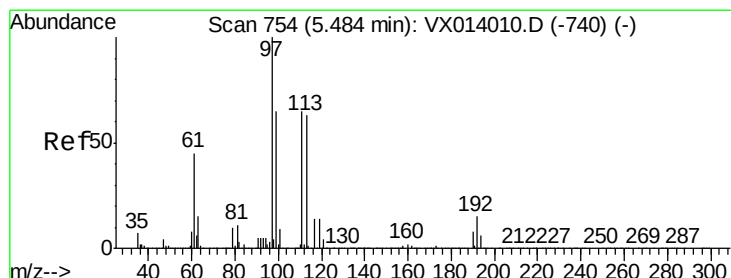
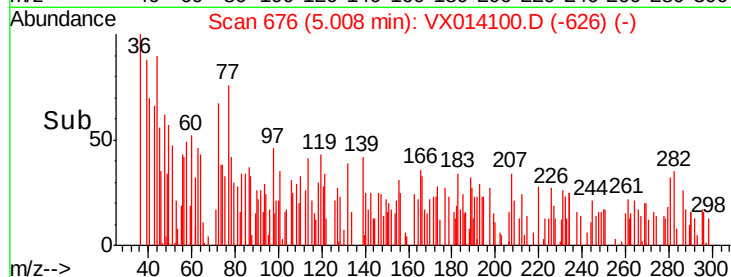
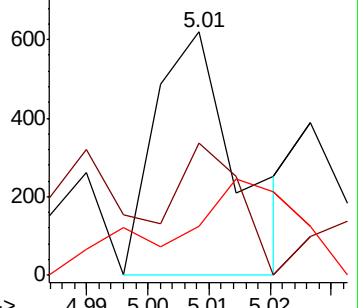
130 61.5 64.6 97.0#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#32

1,1,1-Trichloroethane

Concen: 1.295 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

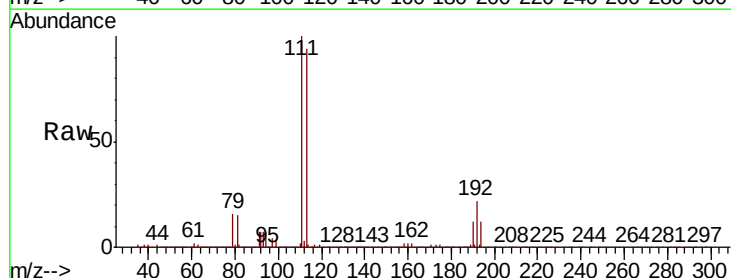
Tgt Ion: 97 Resp: 10984

Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

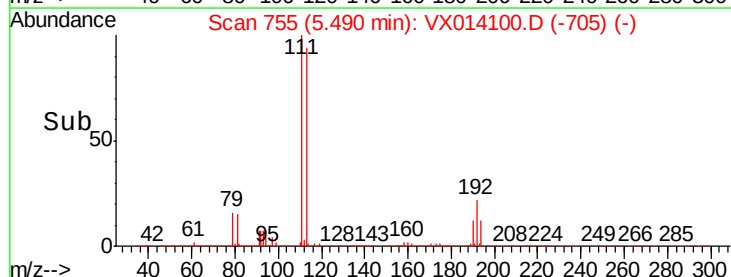
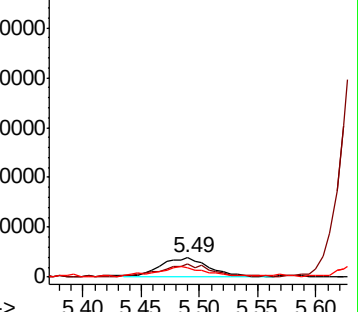
61 59.0 36.7 55.1#

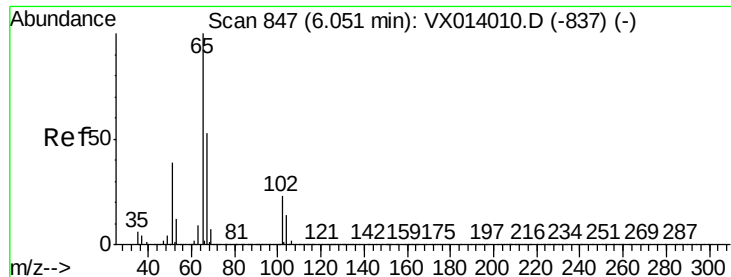


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

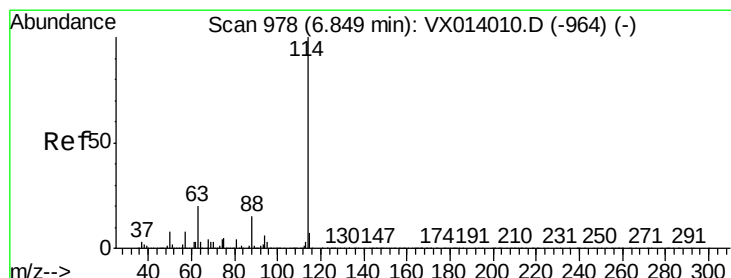
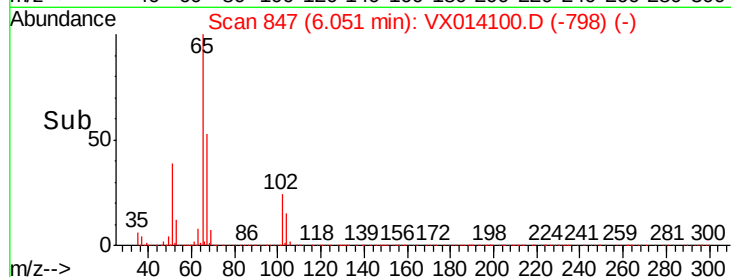
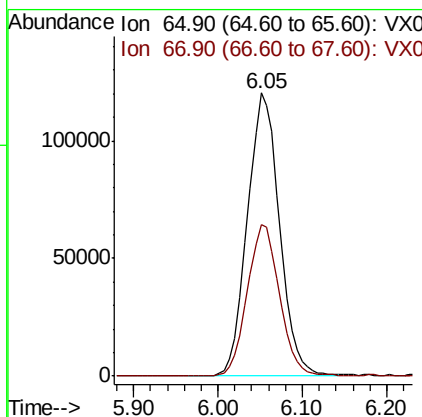
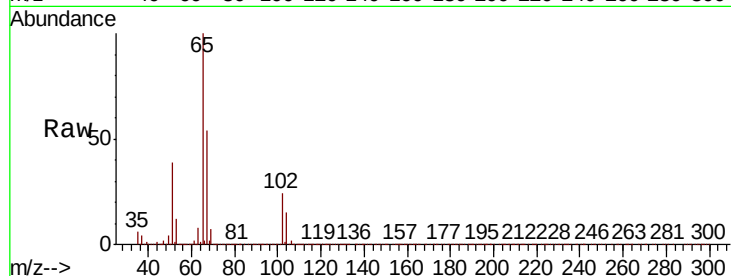




#33
 1,2-Dichloroethane-d4
 Concen: 49.879 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014100.D
 Acq: 18 Dec 2019 16:34

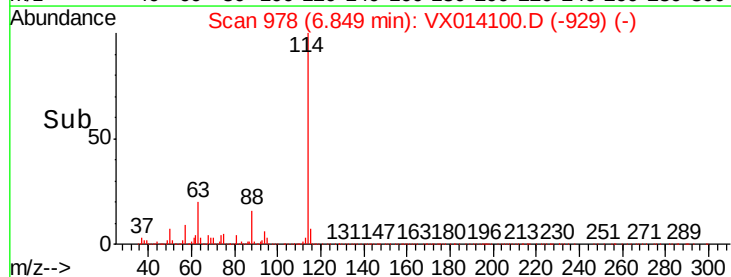
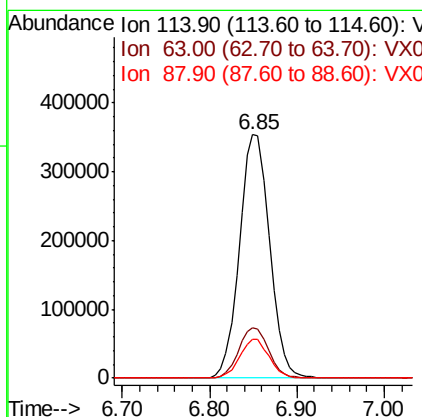
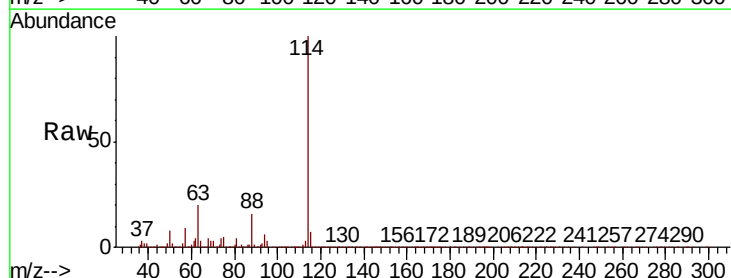
Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-MW-1

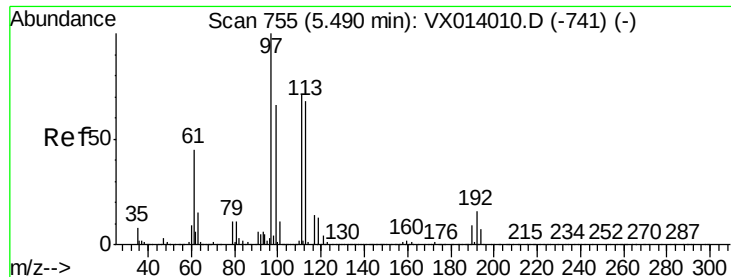
Tot Ion: 65 Resp: 311698
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014100.D
 Acq: 18 Dec 2019 16:34

Tgt Ion: 114 Resp: 847490
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 15.8 0.0 30.4

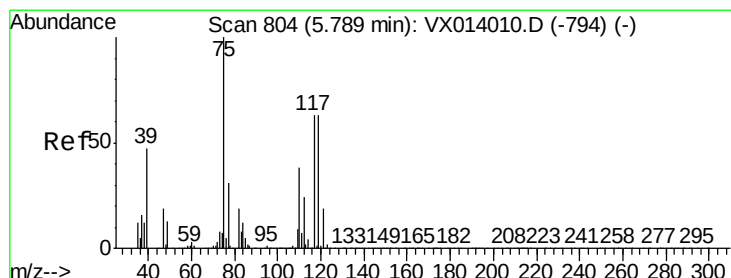
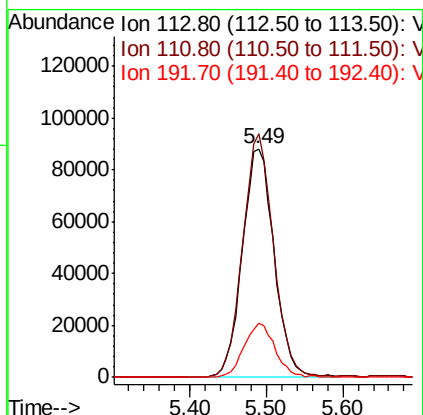
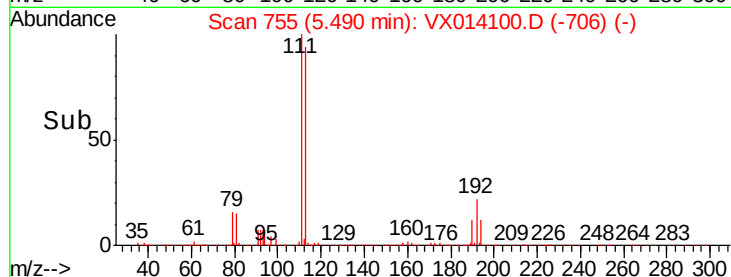
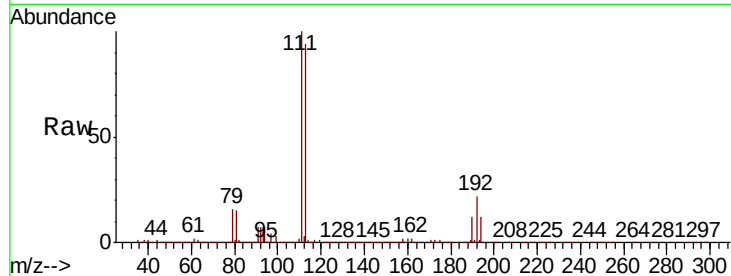




#35
 Dibromofluoromethane
 Concen: 49.251 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014100.D
 Acq: 18 Dec 2019 16:34

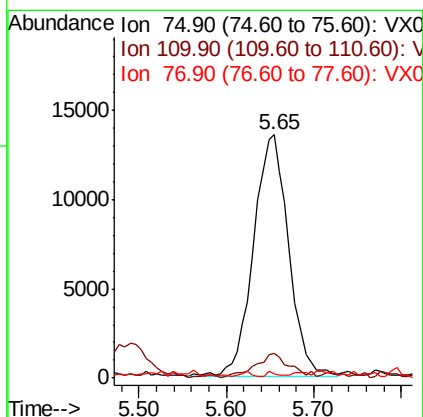
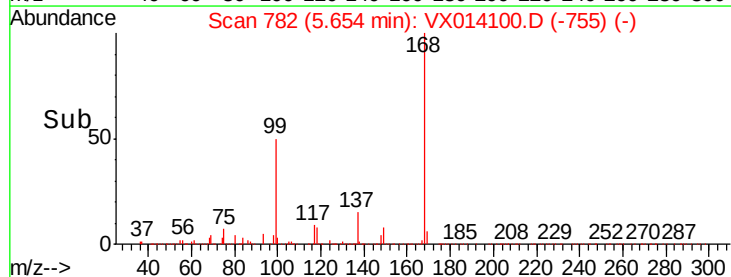
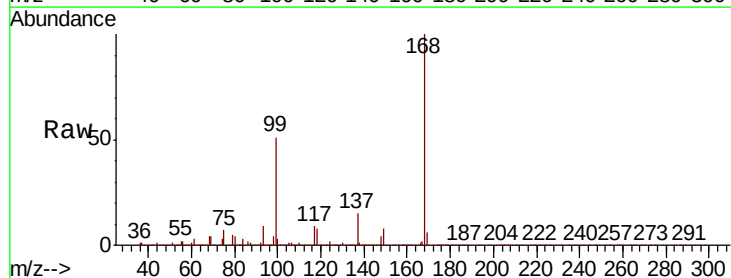
Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-MW-1

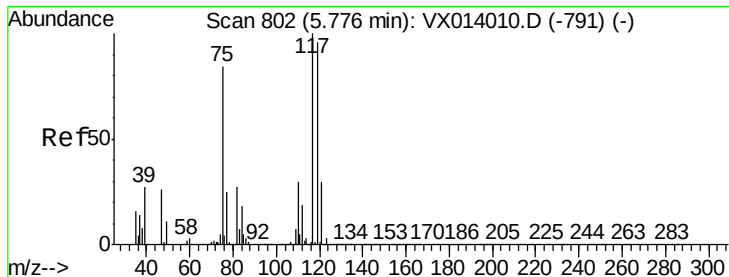
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.0	123.0
192	23.0	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.906 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX014100.D
 Acq: 18 Dec 2019 16:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.3	54.9#
77	0.6	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 0.315 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

SSI-MW-1

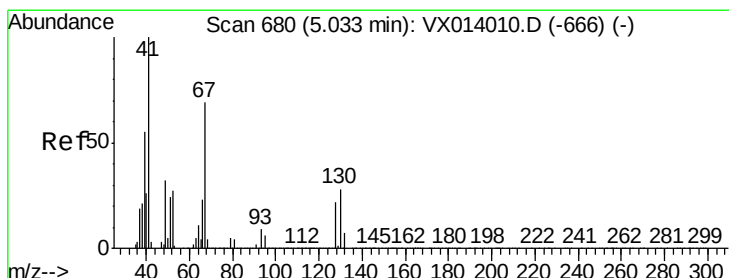
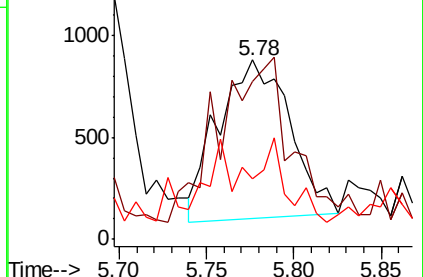
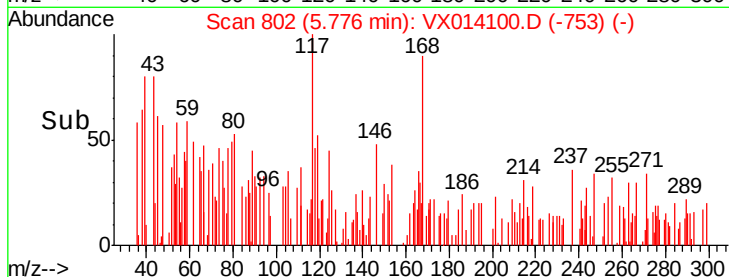
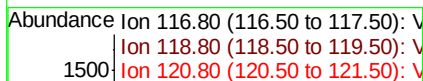
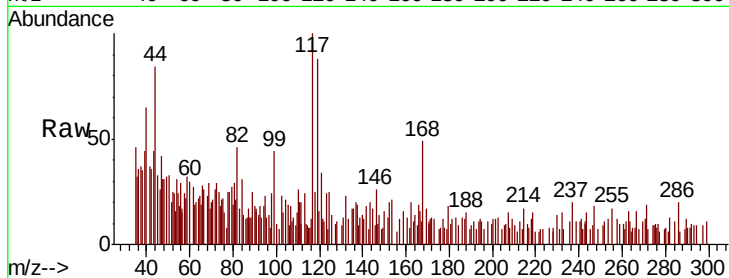
Tot Ion:117 Resp: 2231

Ion Ratio Lower Upper

117 100

119 81.2 76.2 114.4

121 23.7 23.6 35.4



#41

Methacrylonitrile

Concen: 0.218 ug/l

RT: 5.06 min Scan# 685

Delta R.T. 0.03 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

Tgt Ion: 41 Resp: 1037

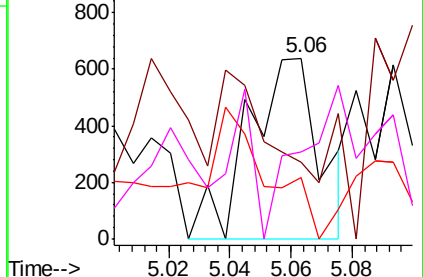
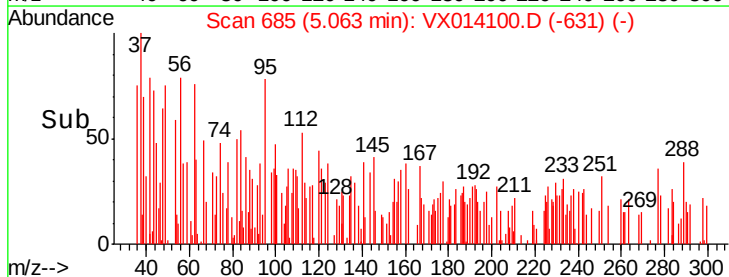
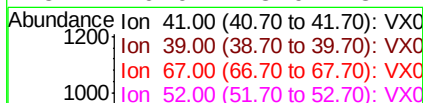
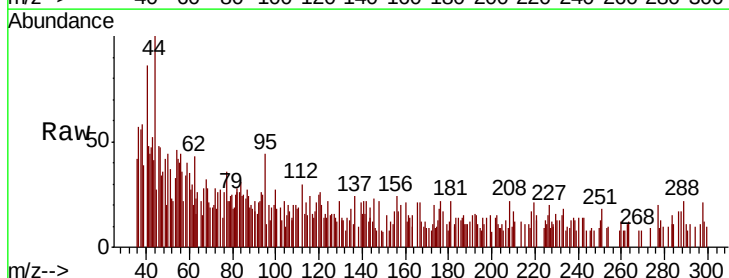
Ion Ratio Lower Upper

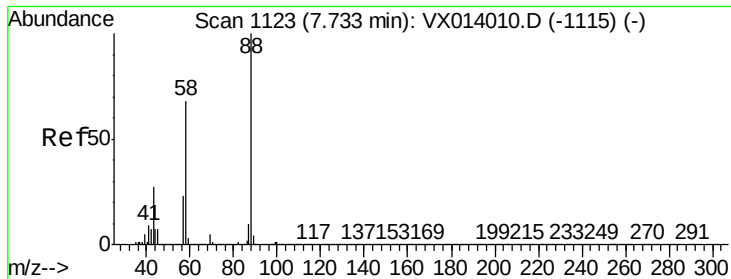
41 100

39 0.0 44.5 66.7#

67 0.0 57.4 86.0#

52 0.0 23.0 34.4#





#49

1,4-Dioxane

Concen: 1.264 ug/l

RT: 7.71 min Scan# 1119

Delta R.T. -0.02 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

SSI-MW-1

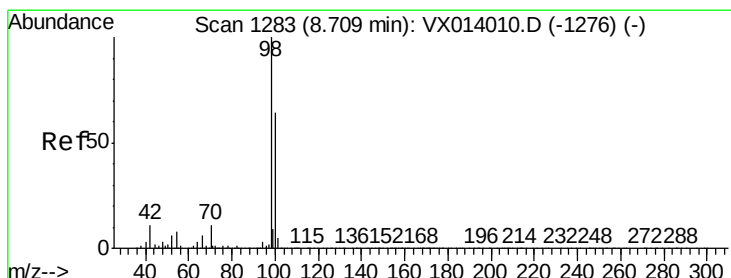
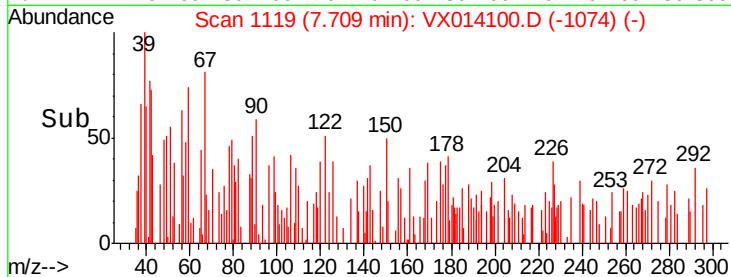
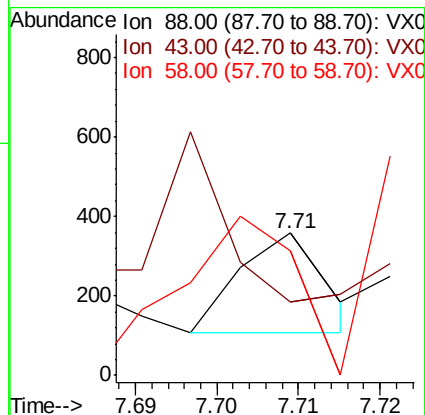
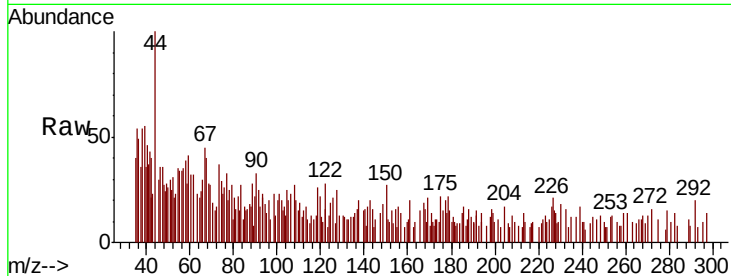
Tot Ion: 88 Resp: 179

Ion Ratio Lower Upper

88 100

43 108.4 26.5 39.7#

58 227.9 56.8 85.2#



#50

Toluene-d8

Concen: 50.299 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014100.D

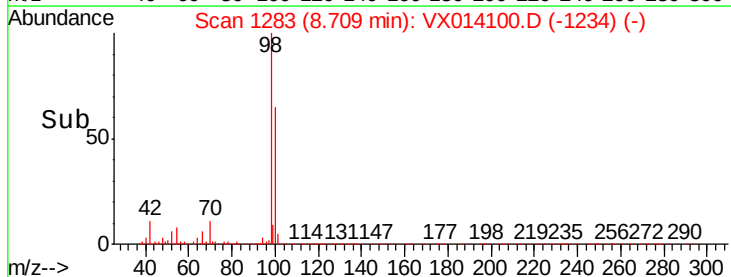
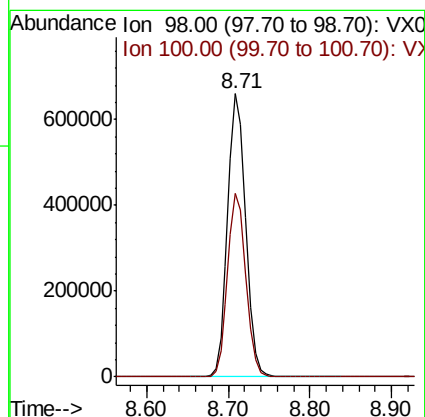
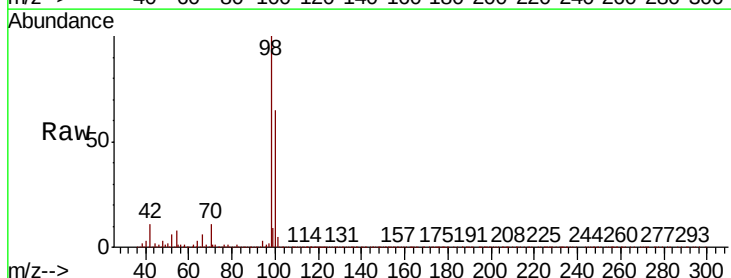
Acq: 18 Dec 2019 16:34

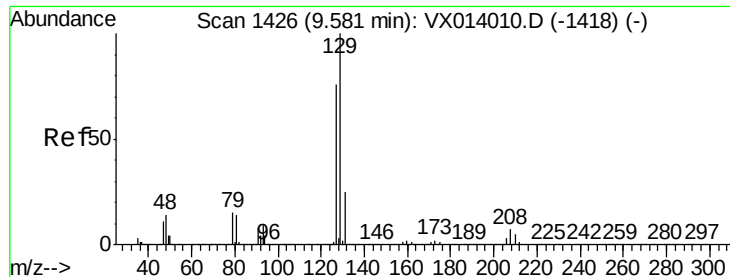
Tgt Ion: 98 Resp: 1008861

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3

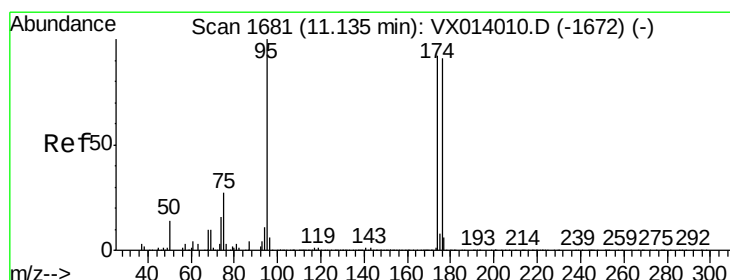
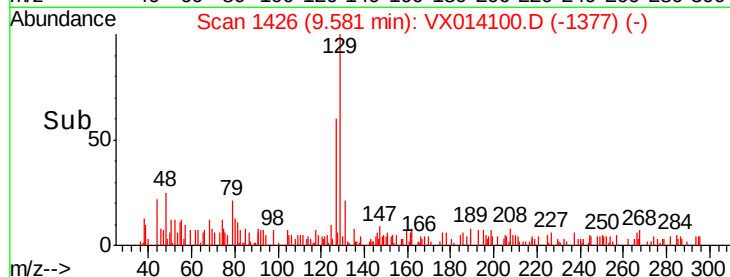
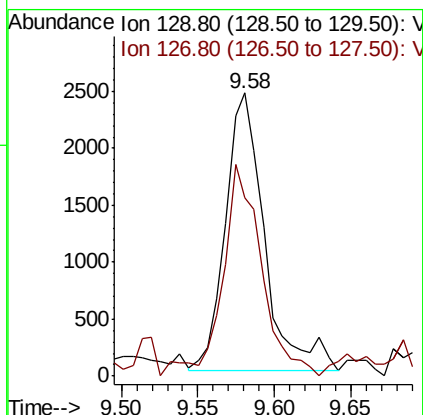
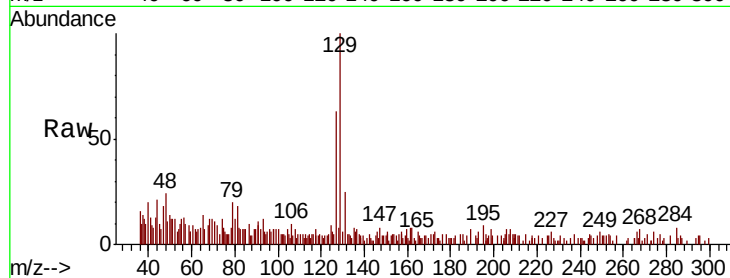




#60
Dibromochloromethane
Concen: 0.713 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX014100.D
Acq: 18 Dec 2019 16:34

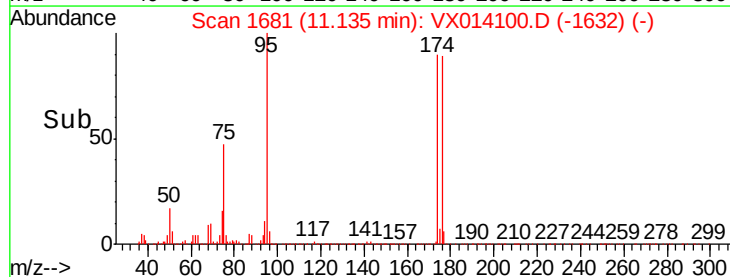
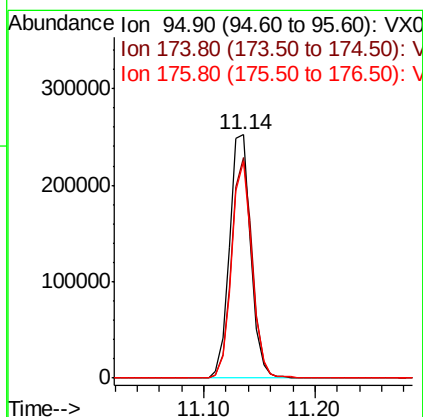
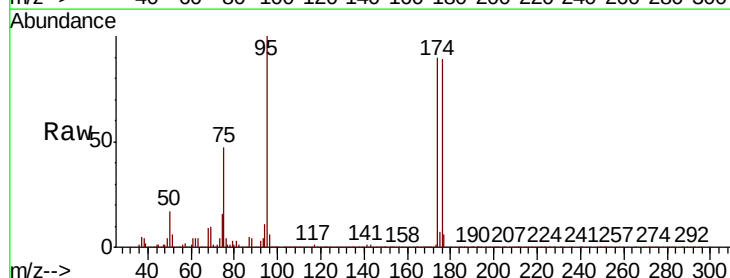
Instrument :
MSVOA_X
ClientSampleId :
SSI-MW-1

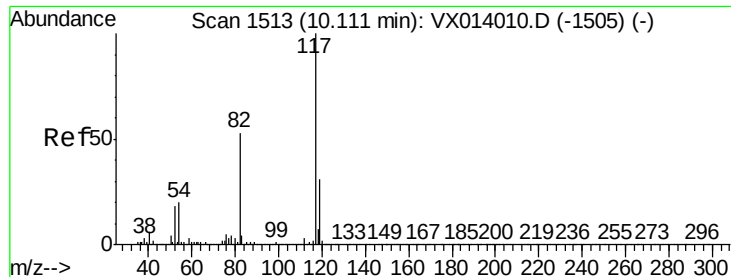
Tot Ion:129 Resp: 4294
Ion Ratio Lower Upper
129 100
127 74.3 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 45.205 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX014100.D
Acq: 18 Dec 2019 16:34

Tgt Ion: 95 Resp: 331438
Ion Ratio Lower Upper
95 100
174 88.6 0.0 175.8
176 85.5 0.0 173.0

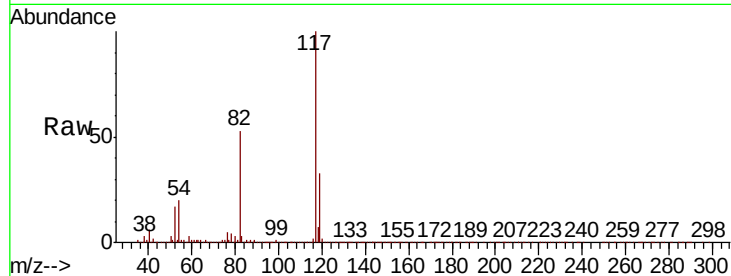




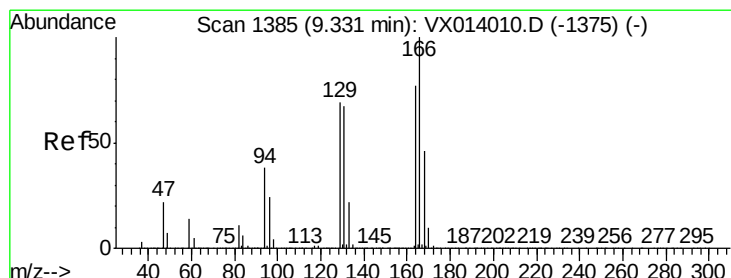
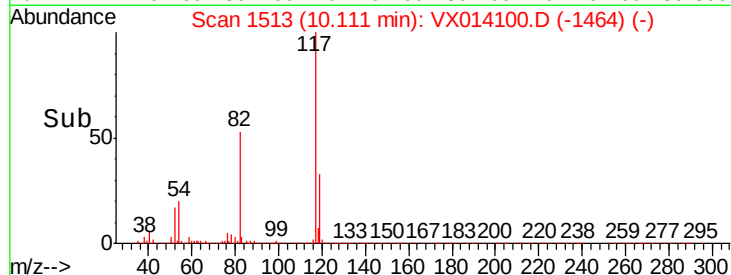
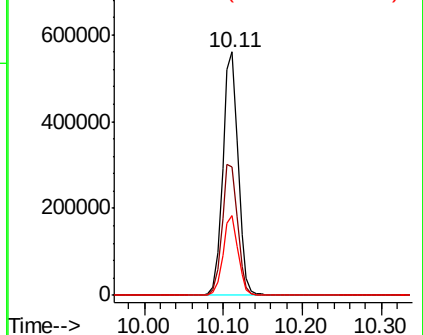
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014100.D
Acq: 18 Dec 2019 16:34

Instrument :
MSVOA_X
ClientSampleId :
SSI-MW-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.2	63.4
119	32.9	25.1	37.7

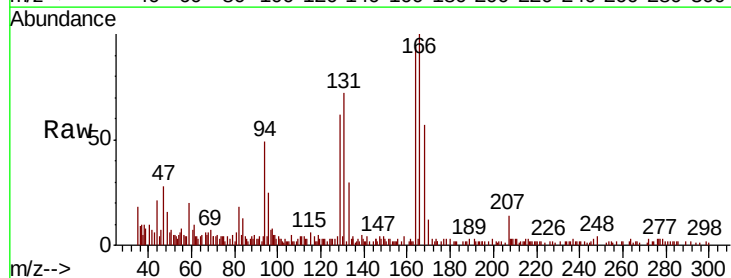


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

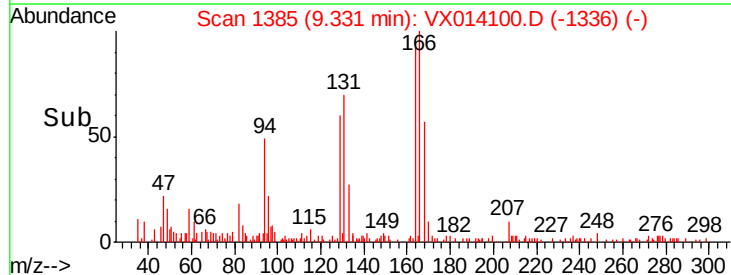
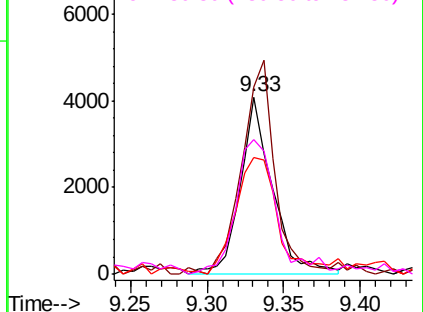


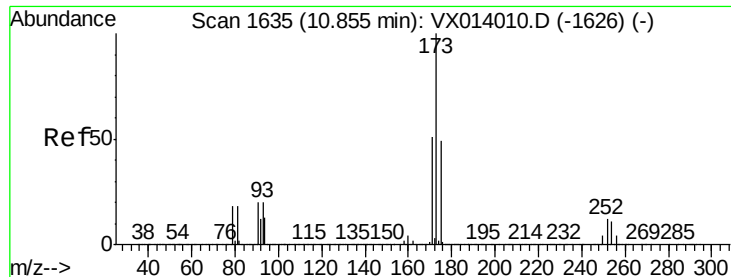
#64
Tetrachloroethene
Concen: 0.895 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014100.D
Acq: 18 Dec 2019 16:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	102.4	104.0	156.0#
129	64.3	72.2	108.4#
131	76.4	69.6	104.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#71

Bromoform

Concen: 1.306 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

SSI-MW-1

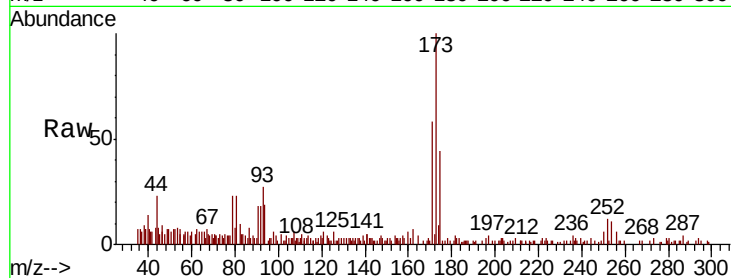
Tot Ion:173 Resp: 6020

Ion Ratio Lower Upper

173 100

175 43.9 24.4 73.4

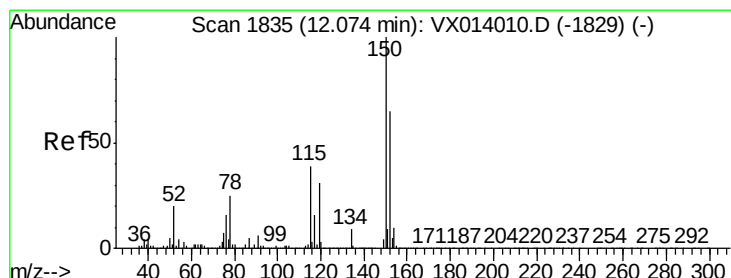
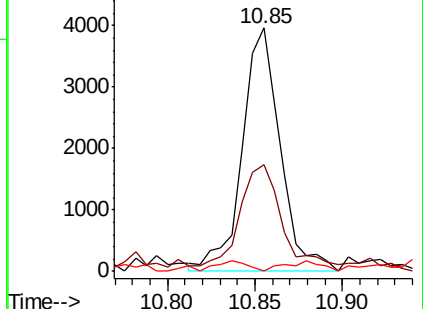
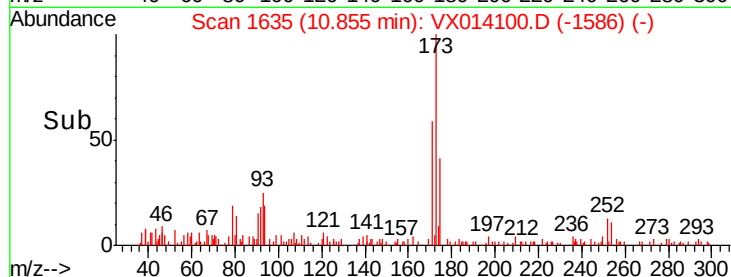
254 3.5 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

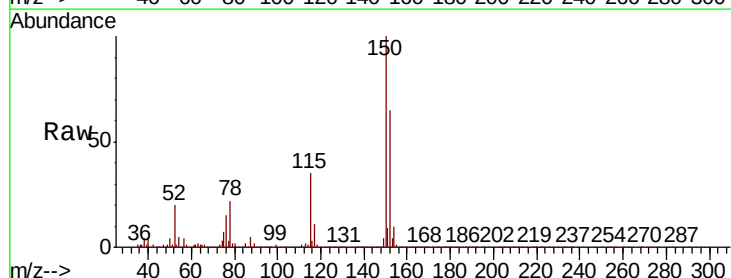
Tgt Ion:152 Resp: 317787

Ion Ratio Lower Upper

152 100

115 55.6 38.3 114.9

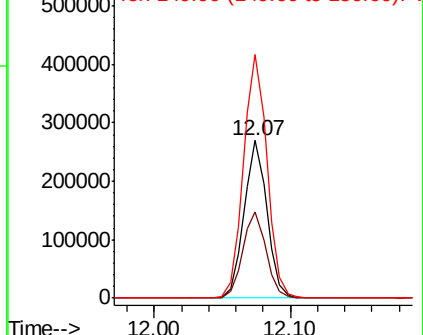
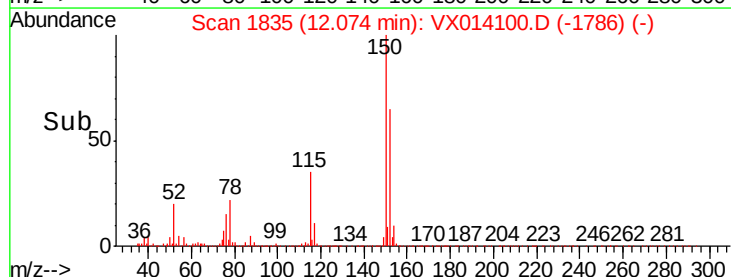
150 158.2 0.0 345.4

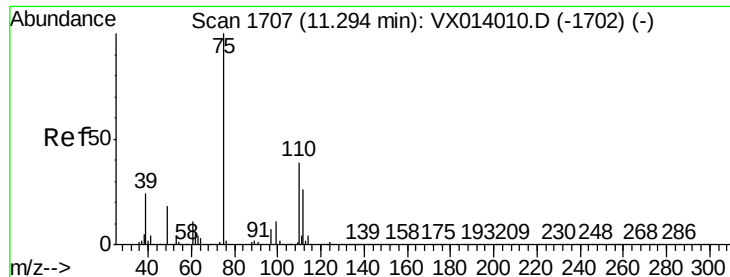


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.280 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

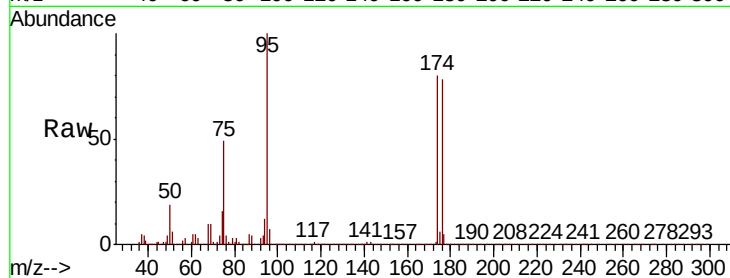
SSI-MW-1

Tot Ion: 75 Resp: 160611

Ion Ratio Lower Upper

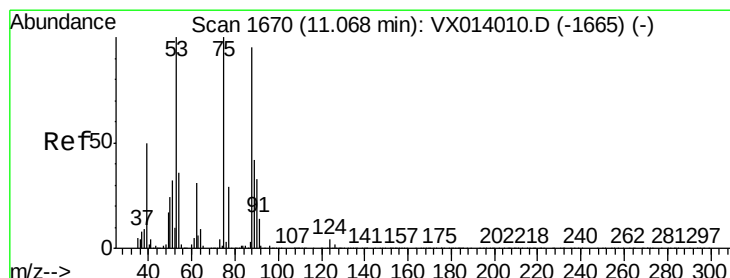
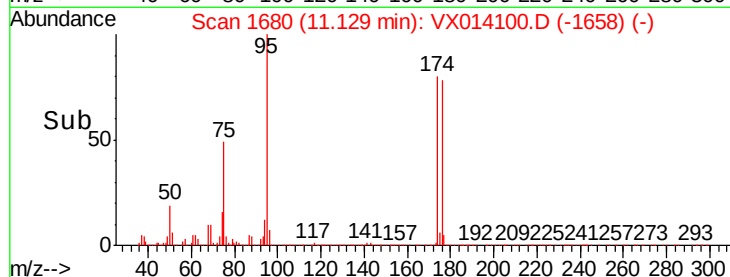
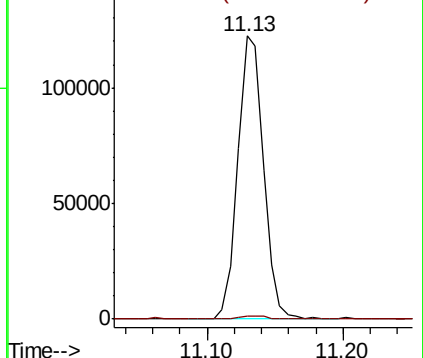
75 100

77 1.2 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: 65.708 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014100.D

Acq: 18 Dec 2019 16:34

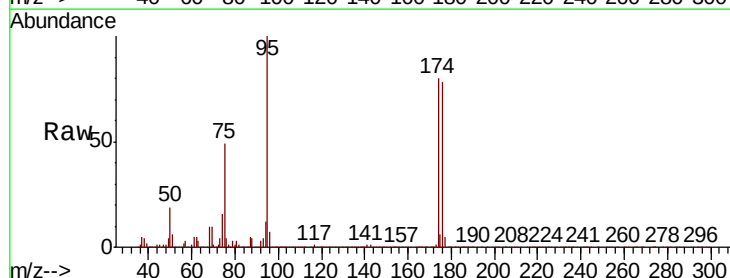
Tgt Ion: 75 Resp: 160611

Ion Ratio Lower Upper

75 100

53 0.4 76.7 115.1#

89 0.2 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

