

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014103.D
 Acq On : 18 Dec 2019 17:44
 Operator : JC/SP
 Sample : K6300-06 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-MW-2

Quant Time: Dec 19 03:01:39 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	559434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	865147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	771536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	343920	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	312663	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
35) Dibromofluoromethane	5.49	113	254773	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
50) Toluene-d8	8.71	98	1028554	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	345993	46.23	ug/l	0.00
Spiked Amount			Recovery	=	92.46%	

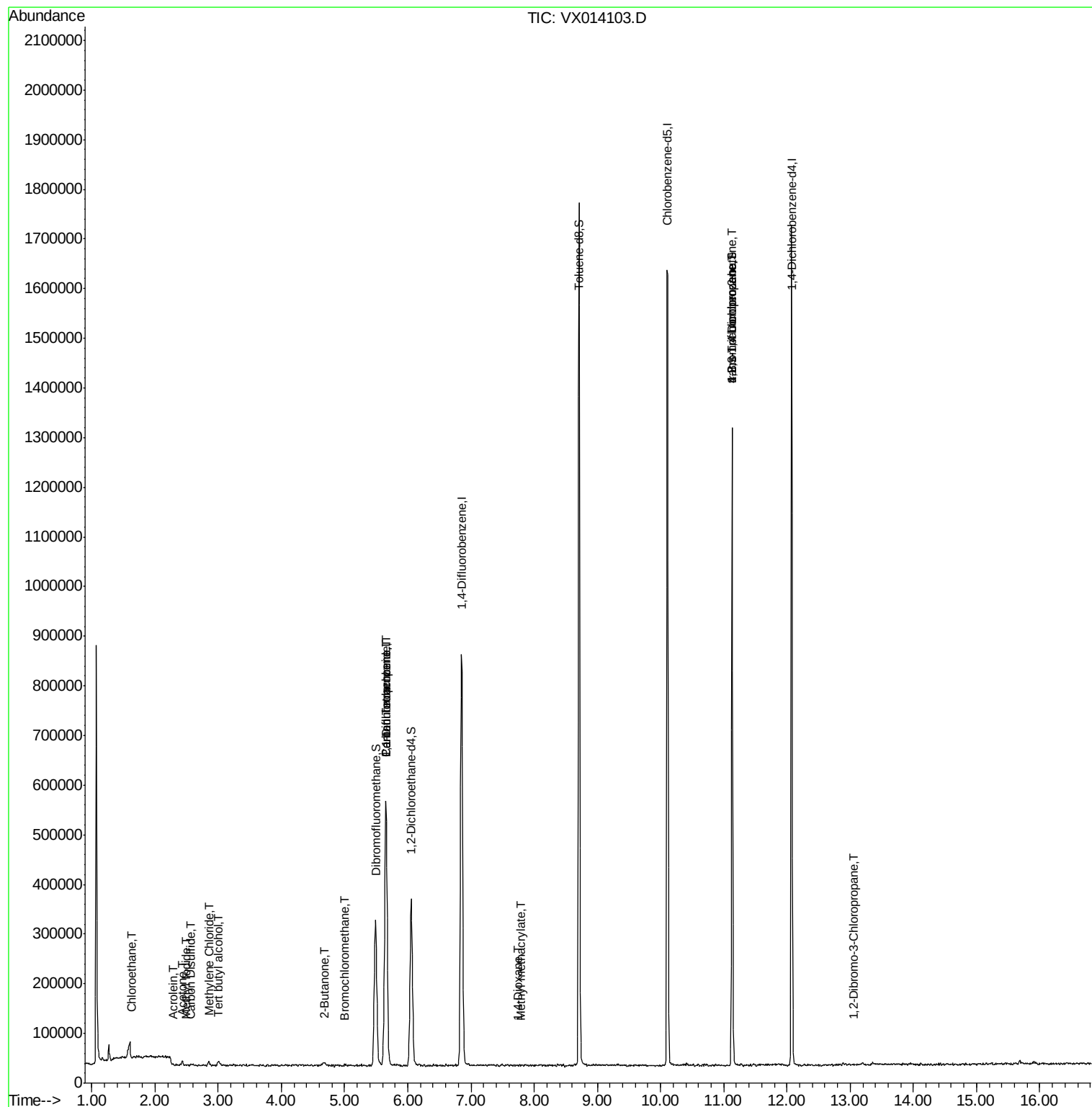
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.64	64	4675	1.069	ug/l #	65
10) Methyl Iodide	2.50	142	547	2.695	ug/l #	61
11) Tert butyl alcohol	3.00	59	6031	4.402	ug/l #	72
13) Acrolein	2.28	56	701	0.894	ug/l #	32
16) Acetone	2.44	43	8880	2.157	ug/l	95
17) Carbon Disulfide	2.57	76	741	0.799	ug/l #	75
20) Methylene Chloride	2.86	84	5362	0.827	ug/l #	94
25) 2-Butanone	4.67	43	1521	0.300	ug/l #	1
28) Bromochloromethane	5.01	49	1107	0.722	ug/l #	42
36) 1,1-Dichloropropene	5.65	75	38561	4.858	ug/l #	50
38) Carbon Tetrachloride	5.65	117	48267	6.674	ug/l #	17
48) Methyl methacrylate	7.79	41	1650	0.232	ug/l #	81
49) 1,4-Dioxane	7.74	88	306	2.117	ug/l #	46
76) 1,2,3-Trichloropropane	11.13	75	167370	22.416	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	167370	63.271	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.06	75	410	0.221	ug/l	64

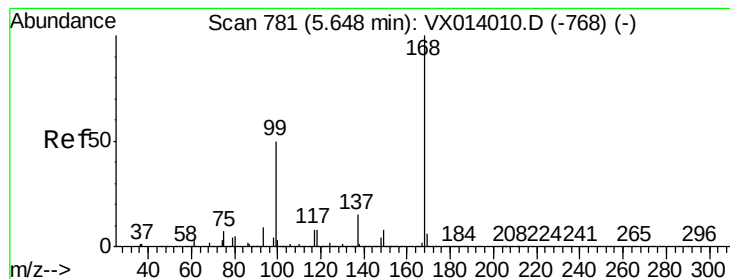
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014103.D

Acq: 18 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

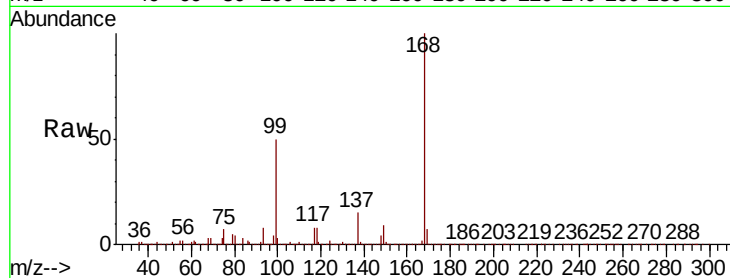
SSI-MW-2

Tot Ion:168 Resp: 559434

Ion Ratio Lower Upper

168 100

99 49.8 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

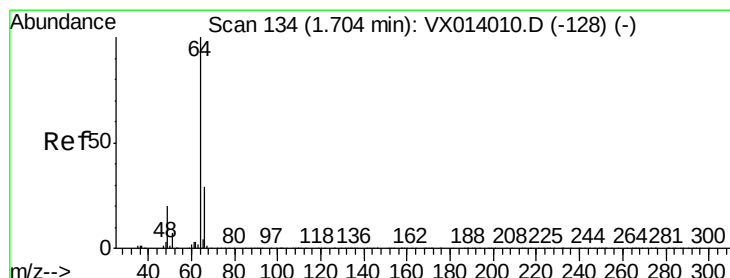
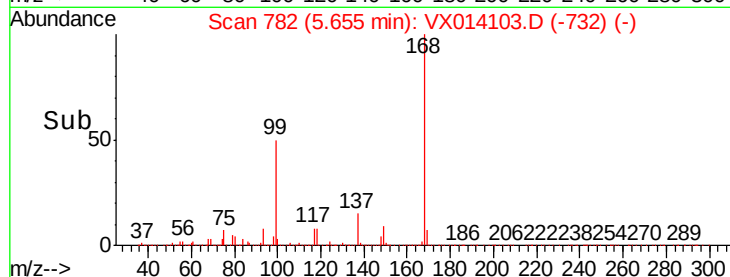
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 1.069 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.07 min

Lab File: VX014103.D

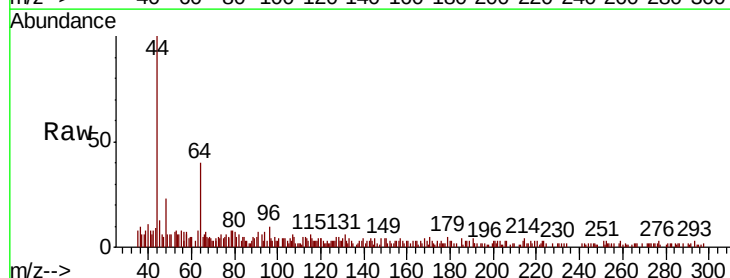
Acq: 18 Dec 2019 17:44

Tgt Ion: 64 Resp: 4675

Ion Ratio Lower Upper

64 100

66 10.5 23.4 35.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.64

2500

2000

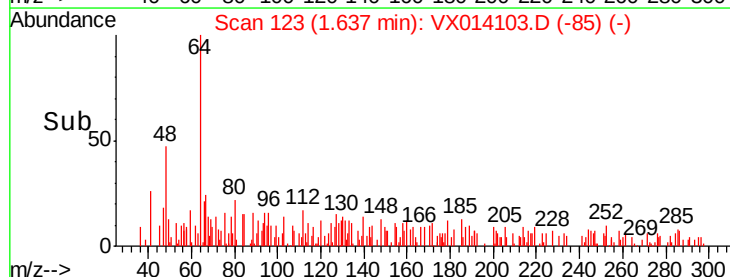
1500

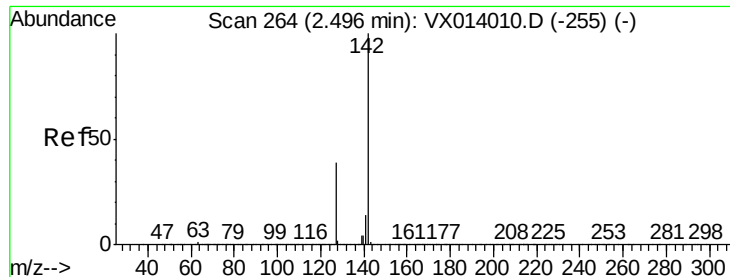
1000

500

0

Time-->

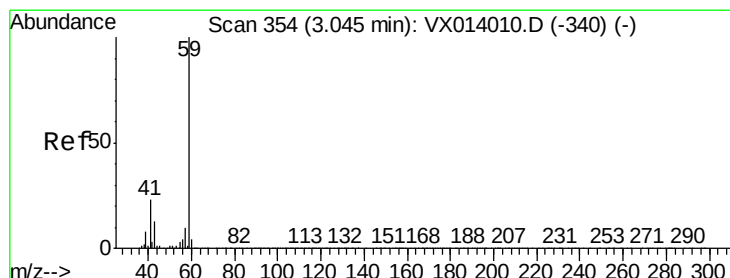
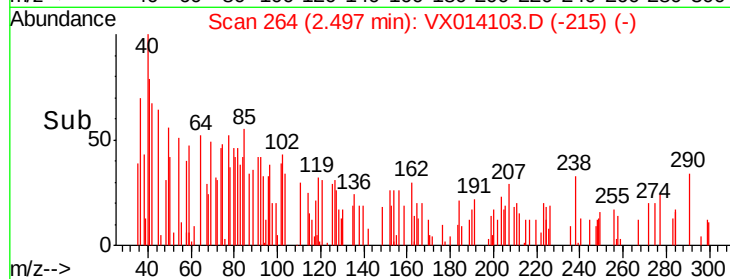
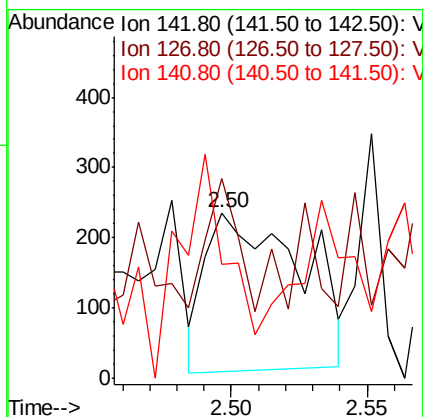
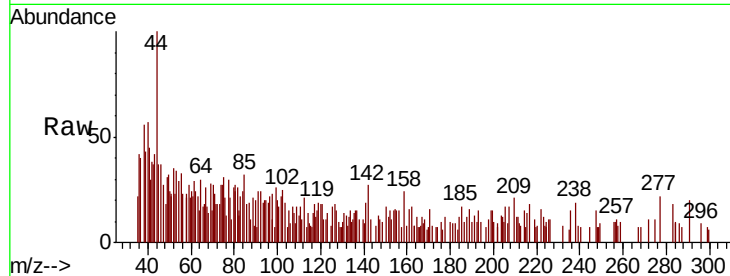




#10
Methyl Iodide
Concen: 2.695 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX014103.D
Acq: 18 Dec 2019 17:44

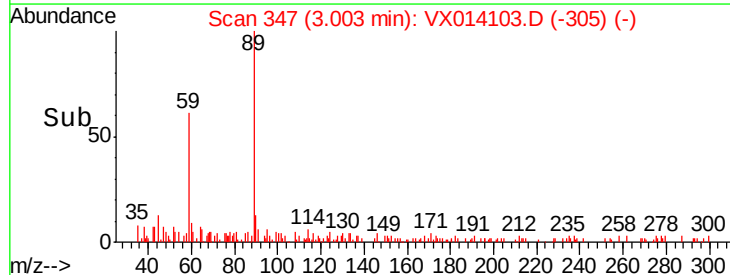
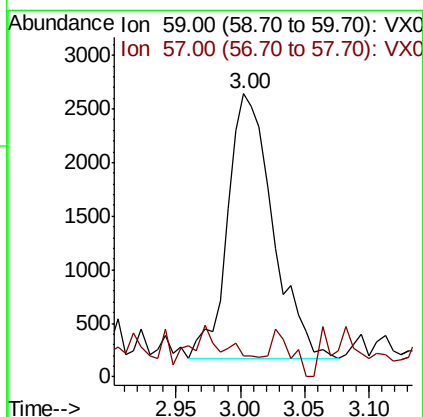
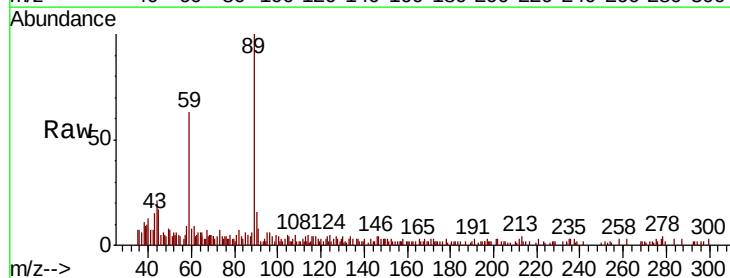
Instrument :
MSVOA_X
ClientSampled :
SSI-MW-2

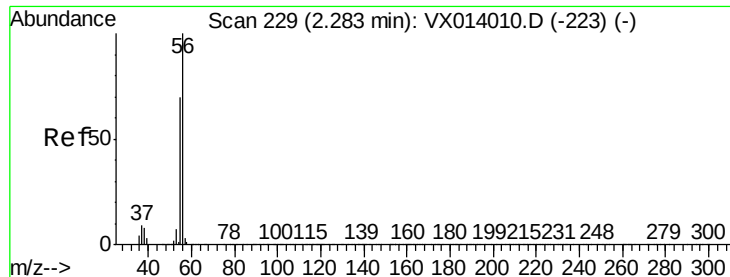
Tot Ion:142 Resp: 547
Ion Ratio Lower Upper
142 100
127 38.4 31.6 47.4
141 72.9 11.6 17.4#



#11
Tert butyl alcohol
Concen: 4.402 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX014103.D
Acq: 18 Dec 2019 17:44

Tgt Ion: 59 Resp: 6031
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#13

Acrolein

Concen: 0.894 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX014103.D

Acq: 18 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

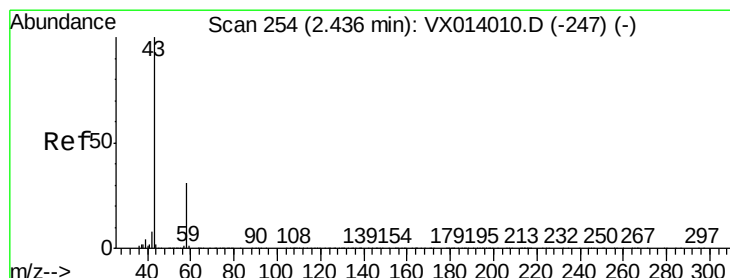
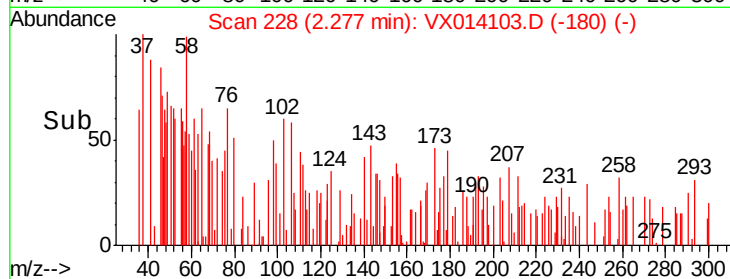
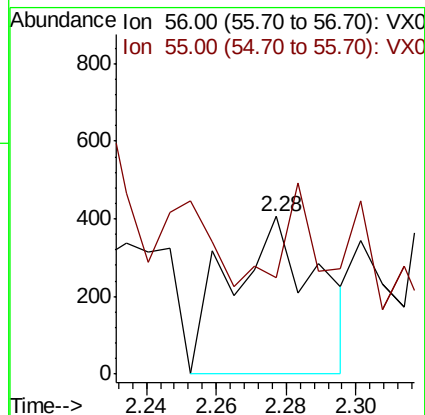
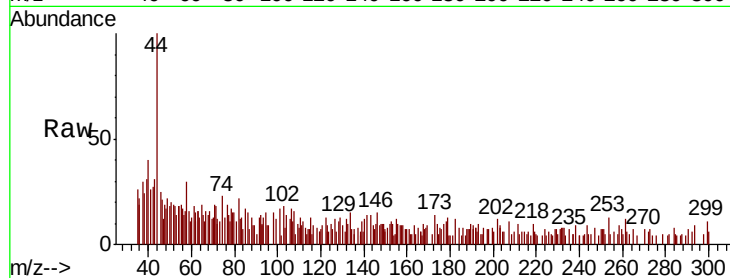
SSI-MW-2

Tot Ion: 56 Resp: 701

Ion Ratio Lower Upper

56 100

55 15.1 56.9 85.3#



#16

Acetone

Concen: 2.157 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014103.D

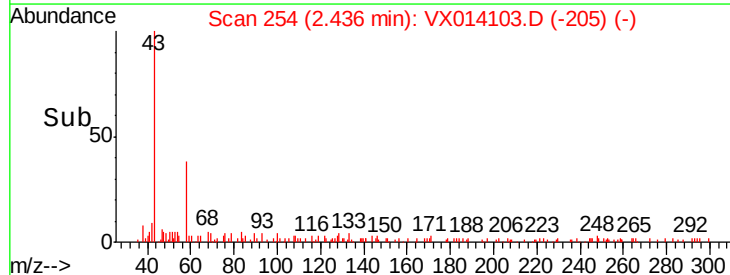
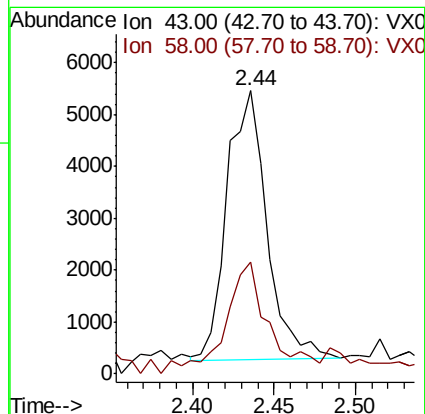
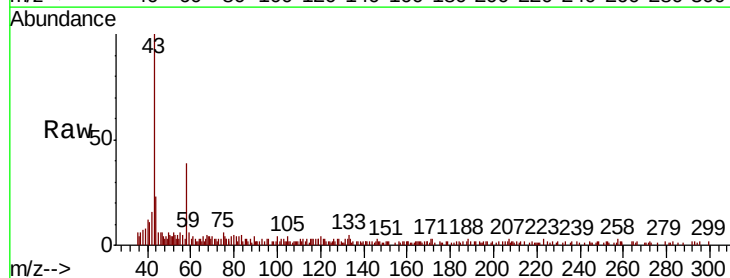
Acq: 18 Dec 2019 17:44

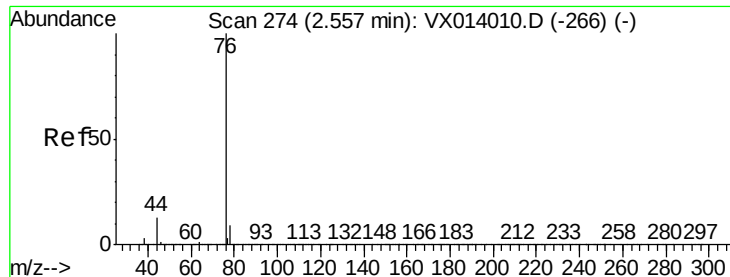
Tgt Ion: 43 Resp: 8880

Ion Ratio Lower Upper

43 100

58 33.8 24.9 37.3





#17

Carbon Disulfide

Concen: 0.799 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX014103.D

Acq: 18 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

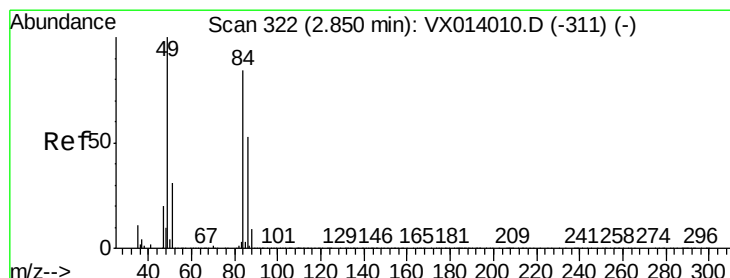
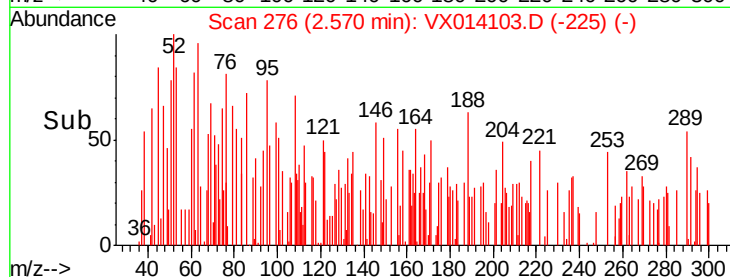
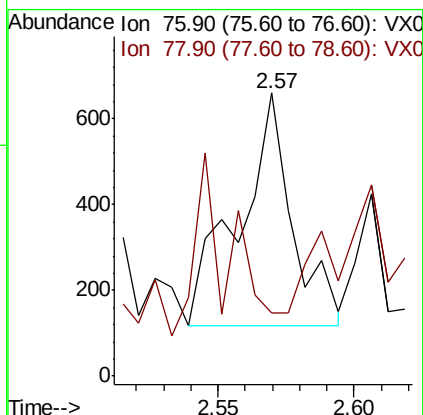
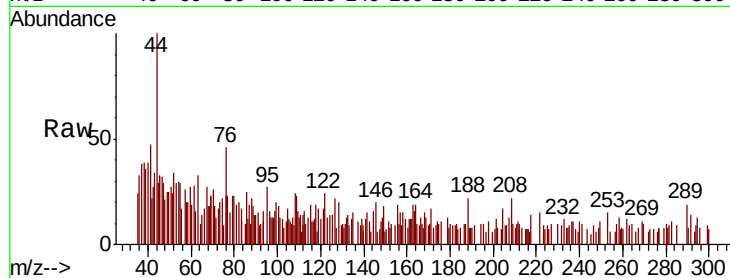
SSI-MW-2

Tot Ion: 76 Resp: 741

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: 0.827 ug/l

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX014103.D

Acq: 18 Dec 2019 17:44

Tgt Ion: 84 Resp: 5362

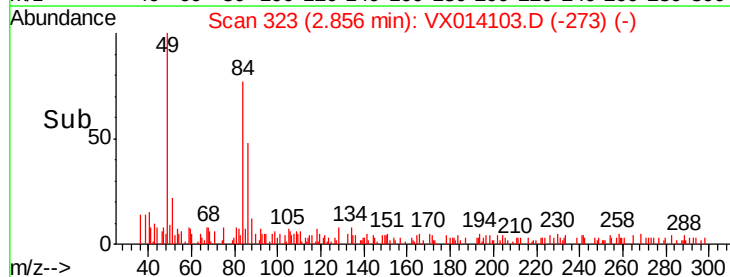
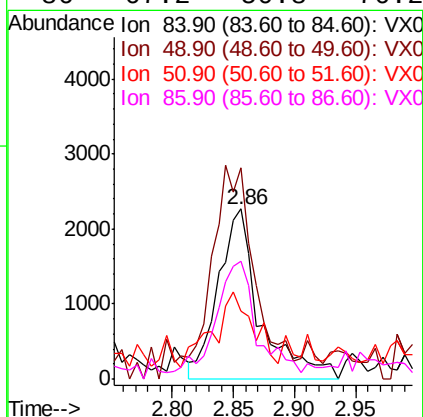
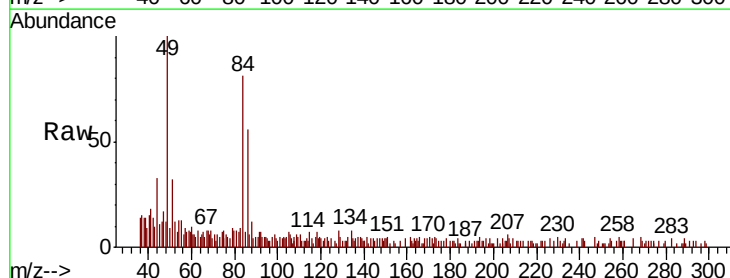
Ion Ratio Lower Upper

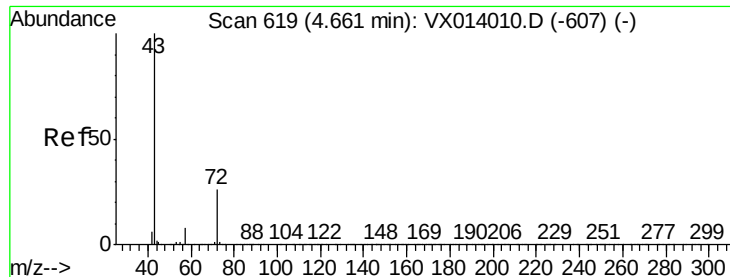
84 100

49 120.2 95.8 143.6

51 22.6 29.8 44.8#

86 67.2 50.8 76.2





#25

2-Butanone

Concen: 0.300 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX014103.D

Acq: 18 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

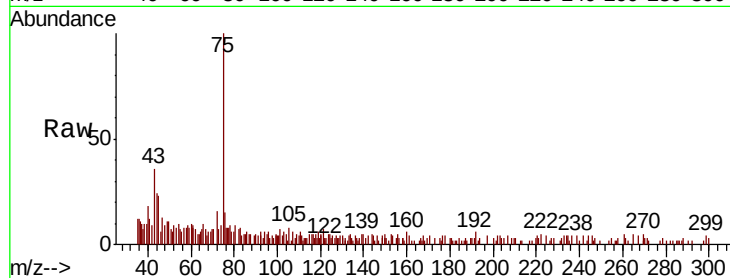
SSI-MW-2

Tot Ion: 43 Resp: 1521

Ion Ratio Lower Upper

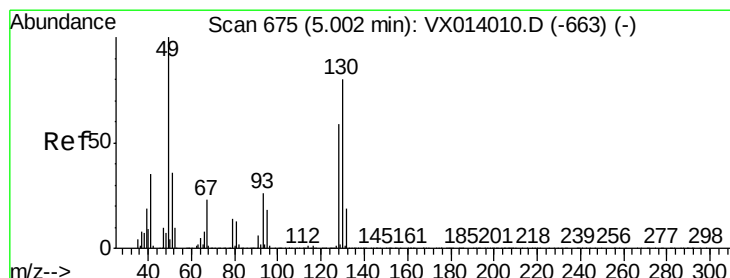
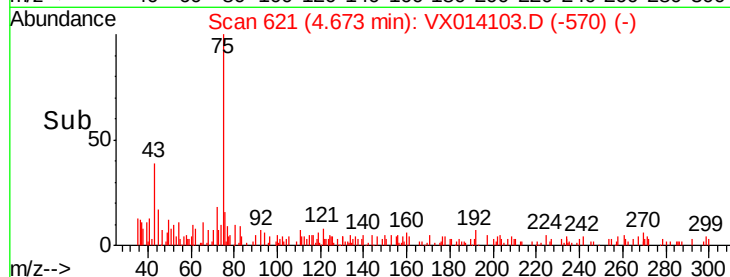
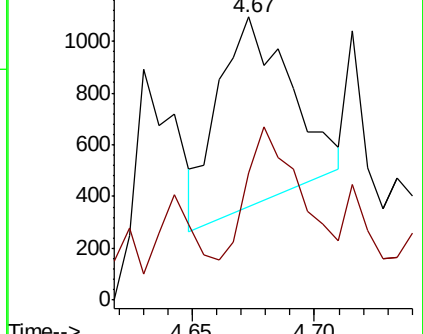
43 100

72 79.3 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: 0.722 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014103.D

Acq: 18 Dec 2019 17:44

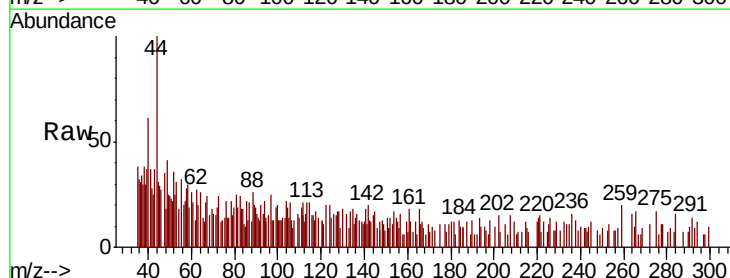
Tgt Ion: 49 Resp: 1107

Ion Ratio Lower Upper

49 100

129 14.5 0.0 5.0#

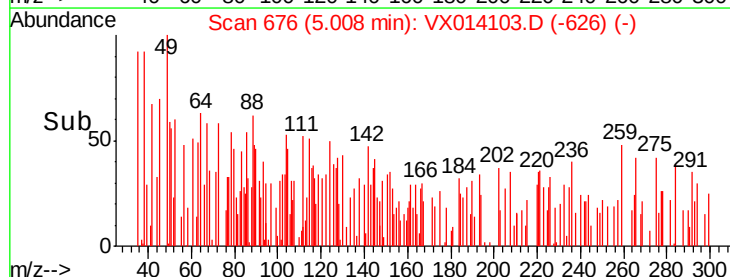
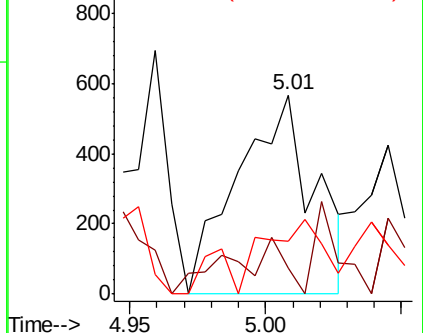
130 29.2 64.6 97.0#

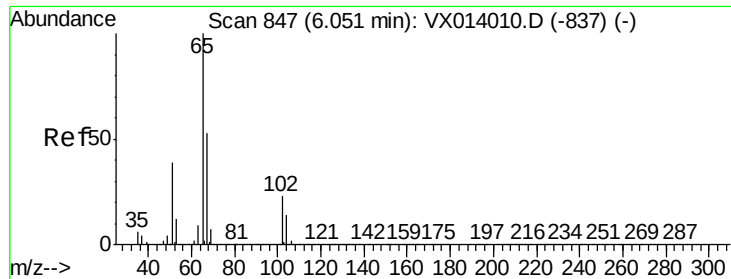


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

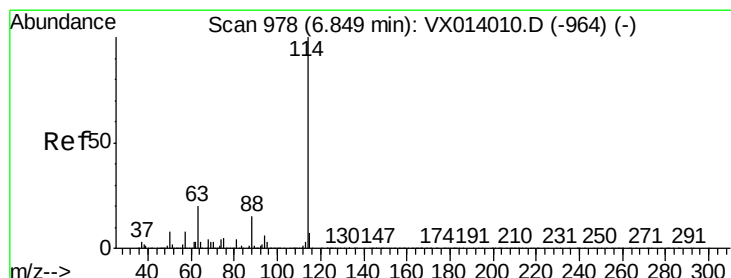
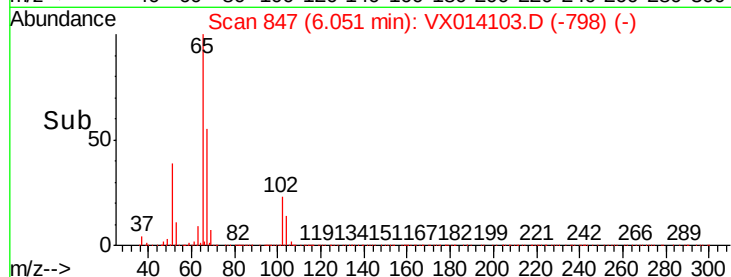
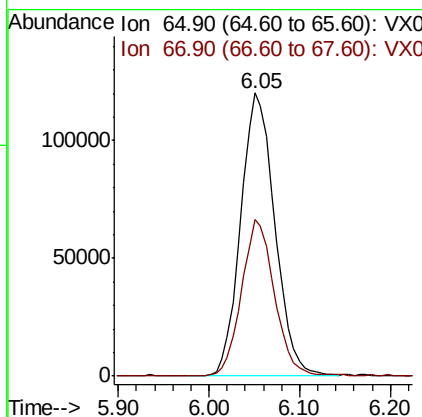
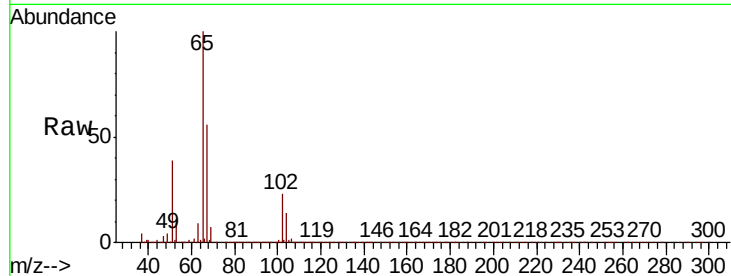




#33
 1,2-Dichloroethane-d4
 Concen: 49.313 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014103.D
 Acq: 18 Dec 2019 17:44

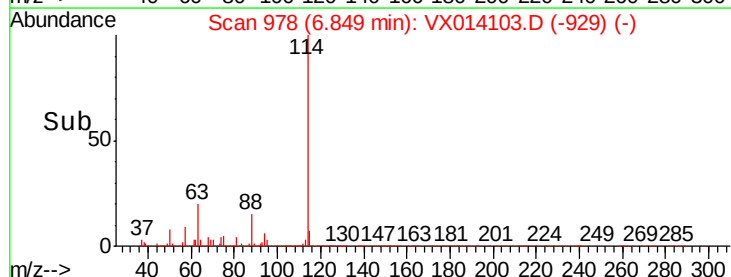
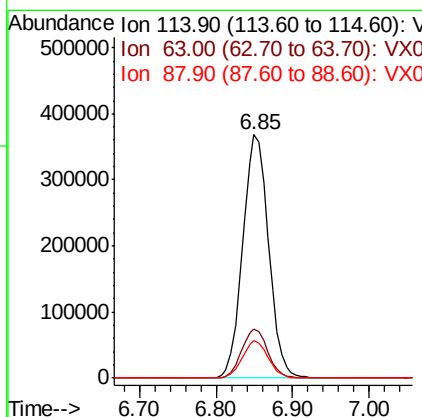
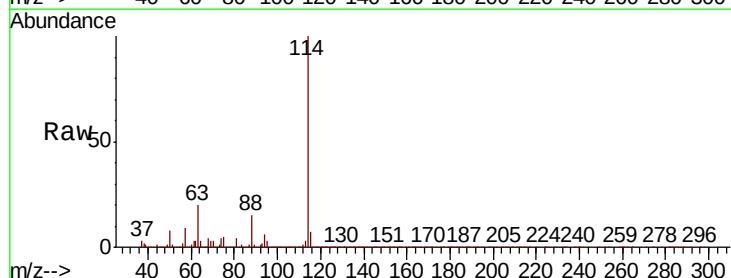
Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-MW-2

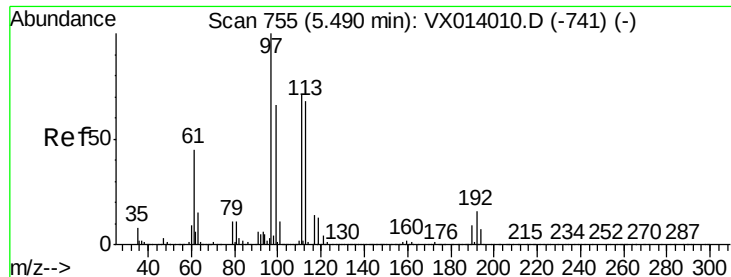
Tot Ion: 65 Resp: 312663
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014103.D
 Acq: 18 Dec 2019 17:44

Tgt Ion: 114 Resp: 865147
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 15.2 0.0 30.4

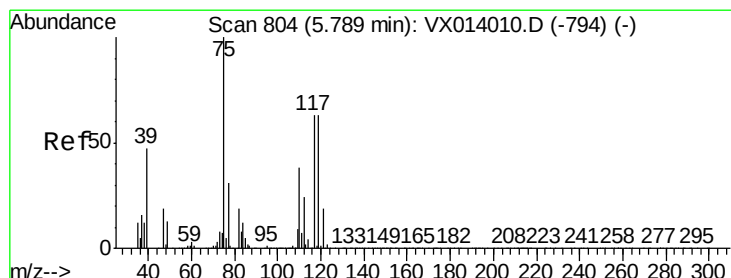
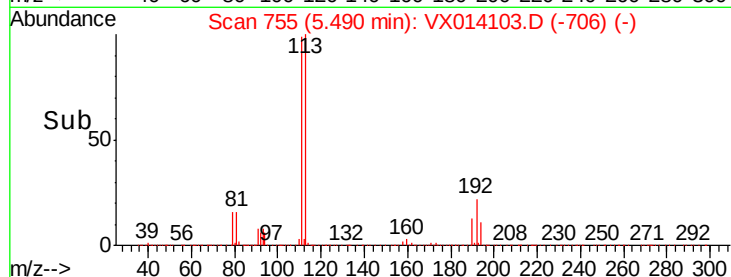
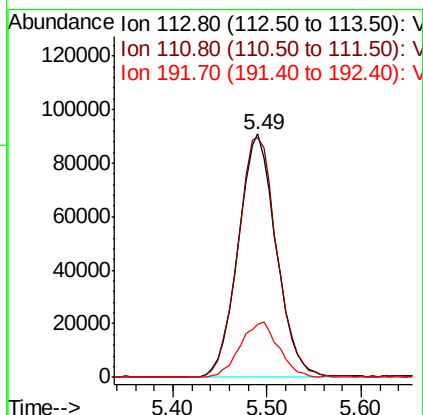
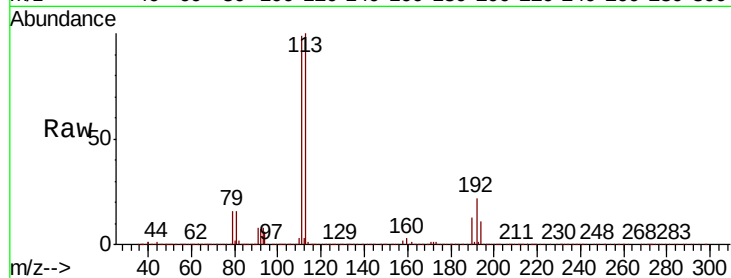




#35
Dibromofluoromethane
Concen: 48.444 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014103.D
Acq: 18 Dec 2019 17:44

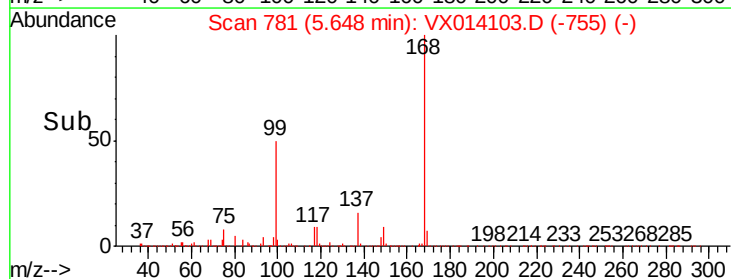
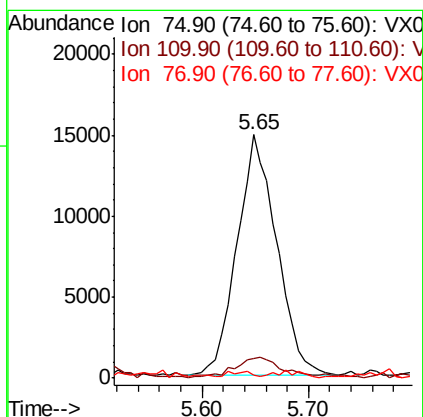
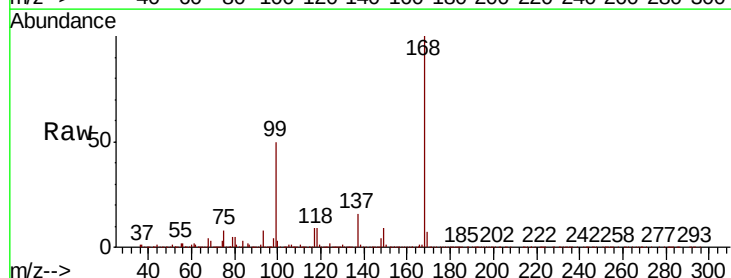
Instrument :
MSVOA_X
ClientSampleId :
SSI-MW-2

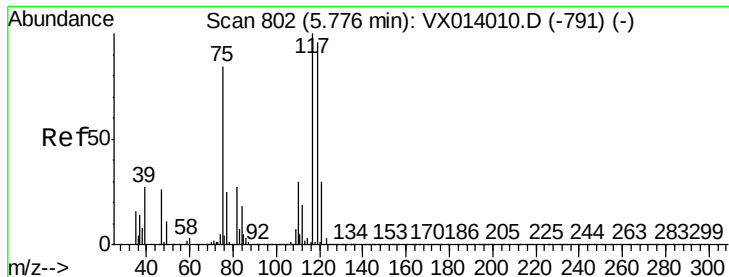
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.0	123.0
192	23.3	19.3	28.9



#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX014103.D
Acq: 18 Dec 2019 17:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.3	54.9#
77	1.2	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.674 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX014103.D

Acq: 18 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

SSI-MW-2

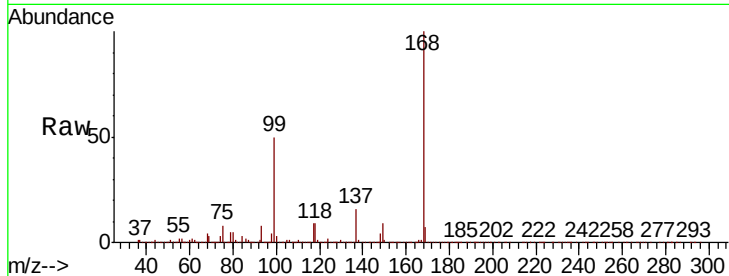
Tot Ion:117 Resp: 48267

Ion Ratio Lower Upper

117 100

119 6.4 76.2 114.4#

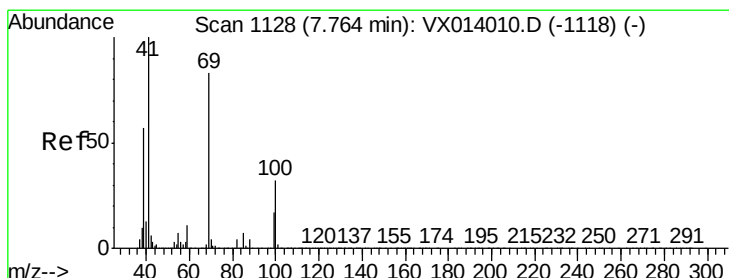
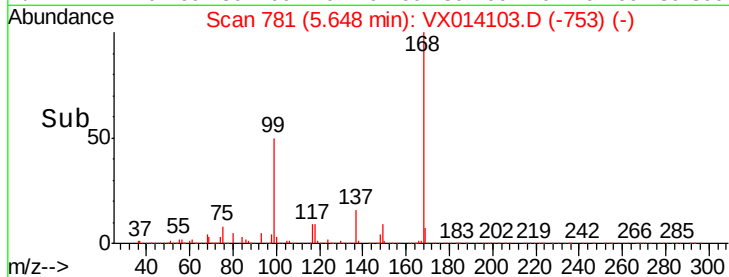
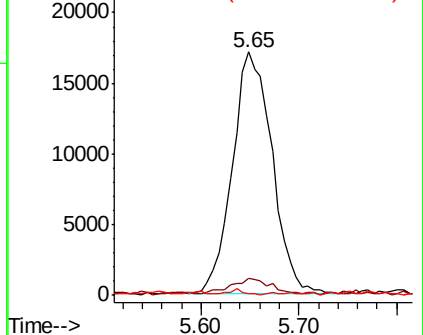
121 0.0 23.6 35.4#



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



#48

Methyl methacrylate

Concen: 0.232 ug/l

RT: 7.79 min Scan# 1132

Delta R.T. 0.02 min

Lab File: VX014103.D

Acq: 18 Dec 2019 17:44

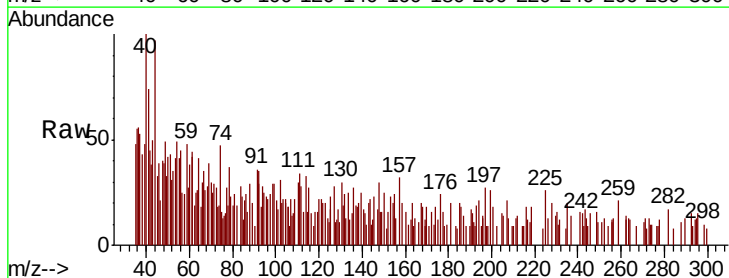
Tgt Ion: 41 Resp: 1650

Ion Ratio Lower Upper

41 100

69 71.2 65.8 98.6

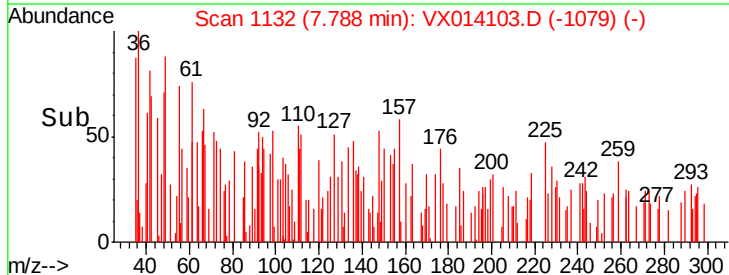
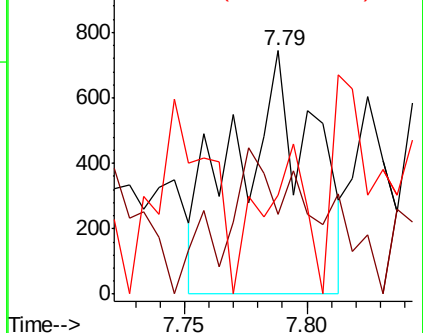
39 34.5 44.6 67.0#

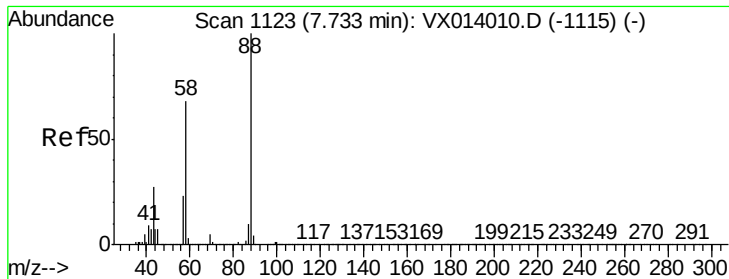


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2.117 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX014103.D

Acq: 18 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampled :

SSI-MW-2

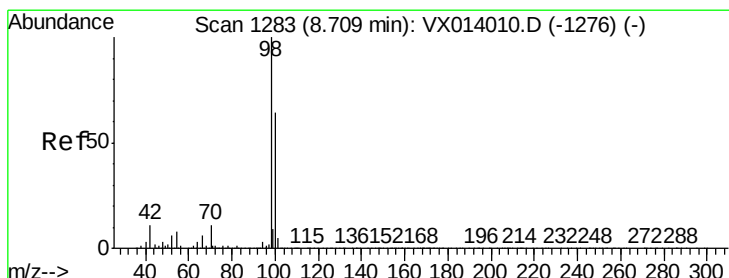
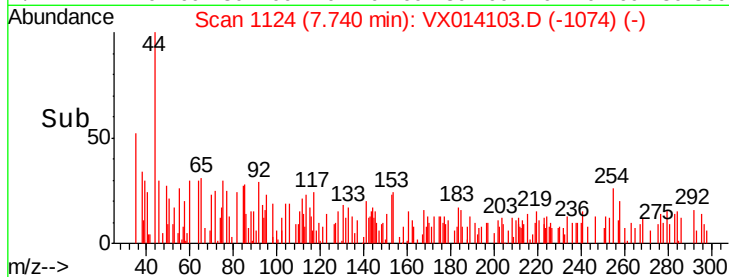
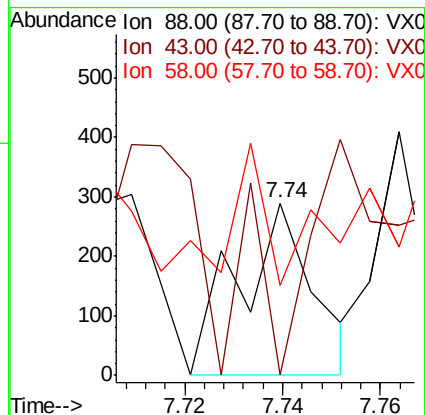
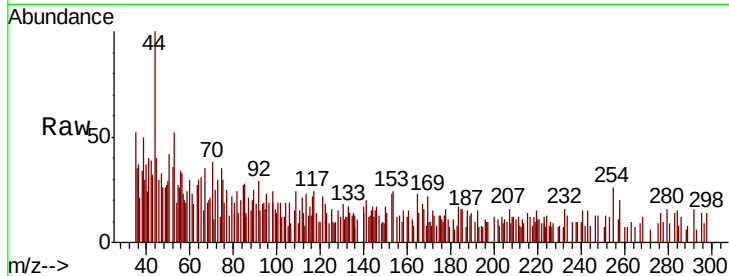
Tot Ion: 88 Resp: 306

Ion Ratio Lower Upper

88 100

43 0.0 26.5 39.7#

58 28.4 56.8 85.2#



#50

Toluene-d8

Concen: 50.234 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014103.D

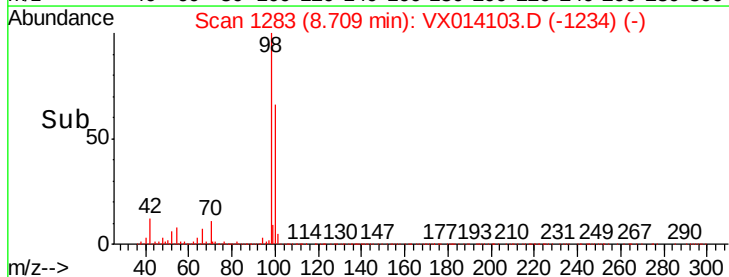
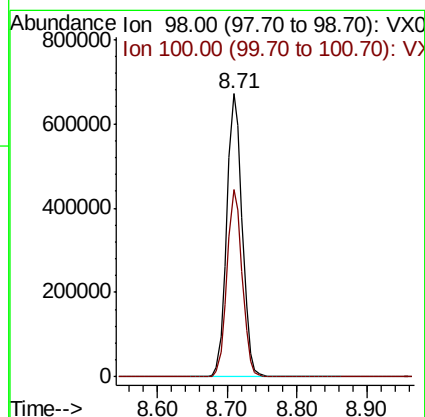
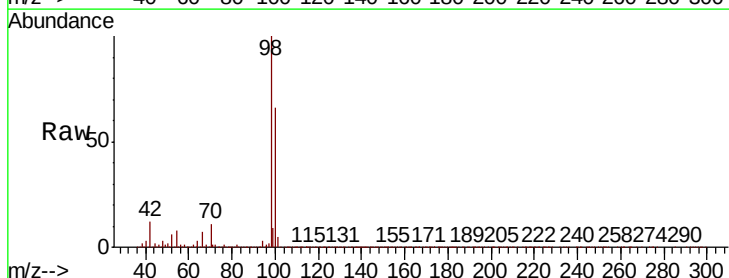
Acq: 18 Dec 2019 17:44

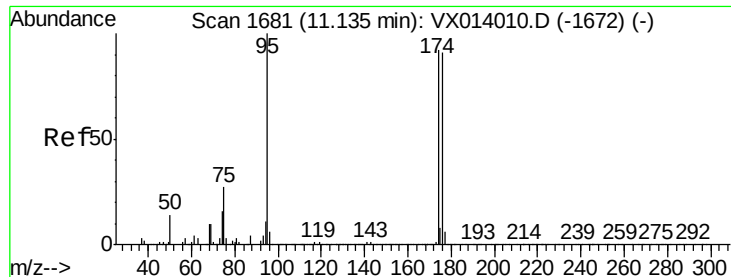
Tgt Ion: 98 Resp: 1028554

Ion Ratio Lower Upper

98 100

100 65.2 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 46.228 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014103.D

Acq: 18 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

SSI-MW-2

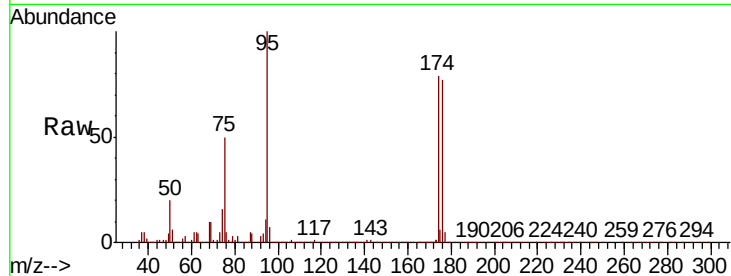
Tot Ion: 95 Resp: 345993

Ion Ratio Lower Upper

95 100

174 87.5 0.0 175.8

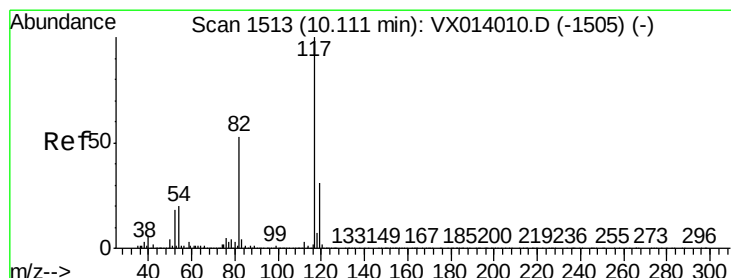
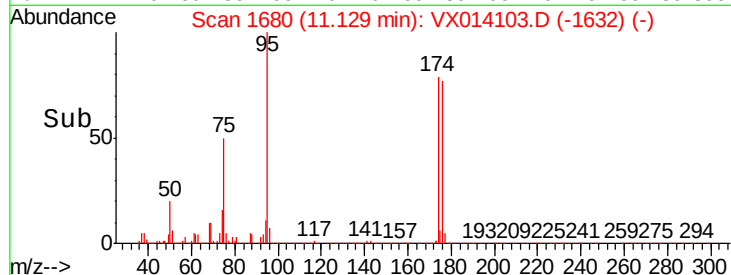
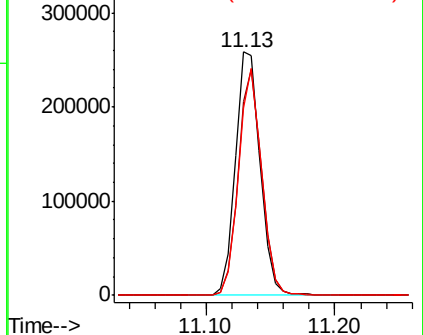
176 86.2 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014103.D

Acq: 18 Dec 2019 17:44

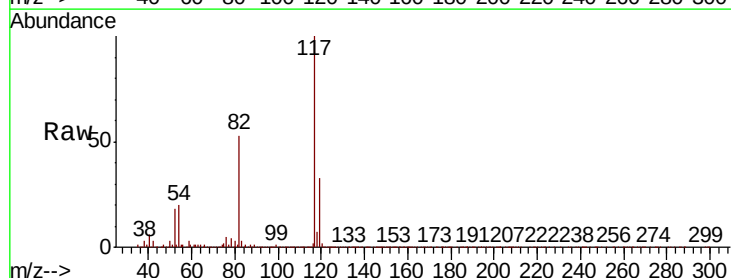
Tgt Ion: 117 Resp: 771536

Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.4

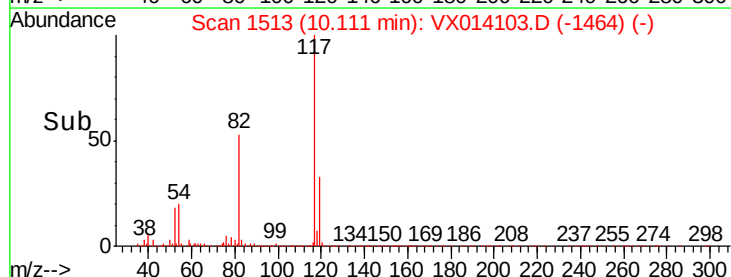
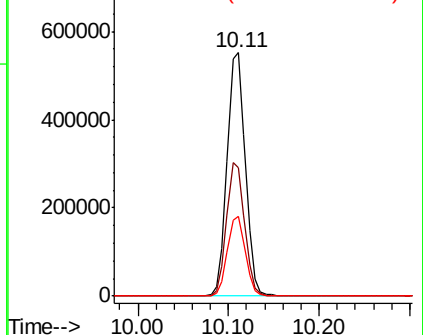
119 32.7 25.1 37.7

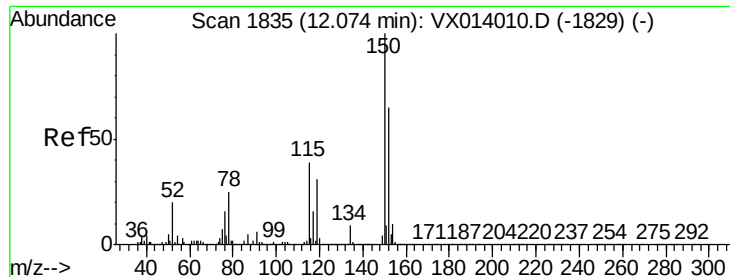


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014103.D

Acq: 18 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

SSI-MW-2

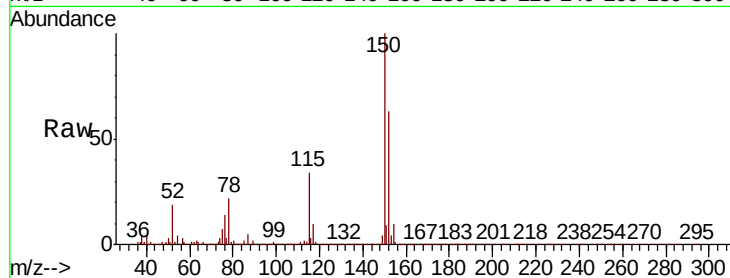
Tot Ion:152 Resp: 343920

Ion Ratio Lower Upper

152 100

115 54.8 38.3 114.9

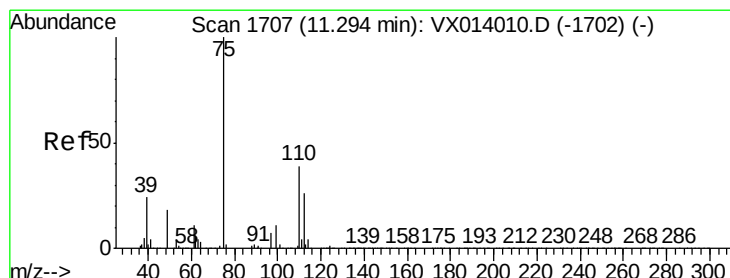
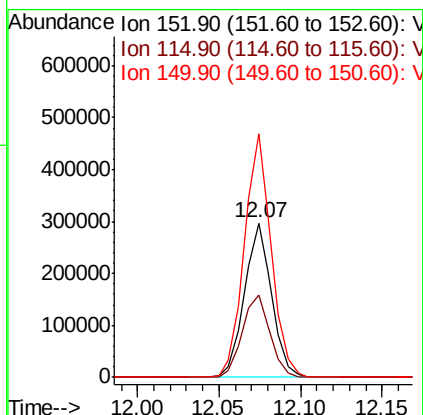
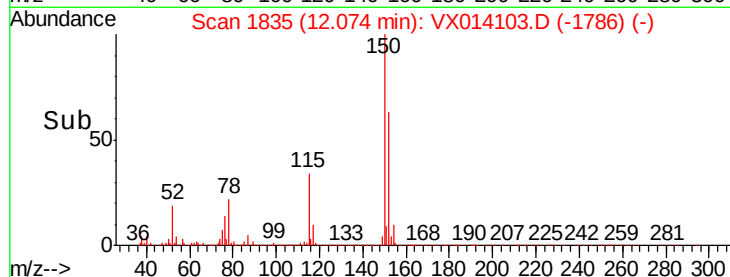
150 156.7 0.0 345.4



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: 22.416 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014103.D

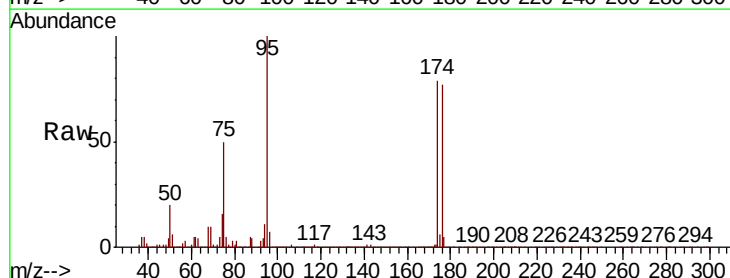
Acq: 18 Dec 2019 17:44

Tgt Ion: 75 Resp: 167370

Ion Ratio Lower Upper

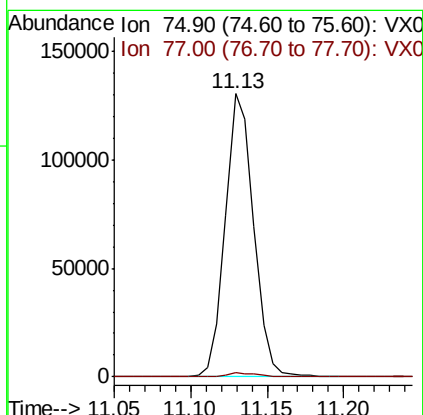
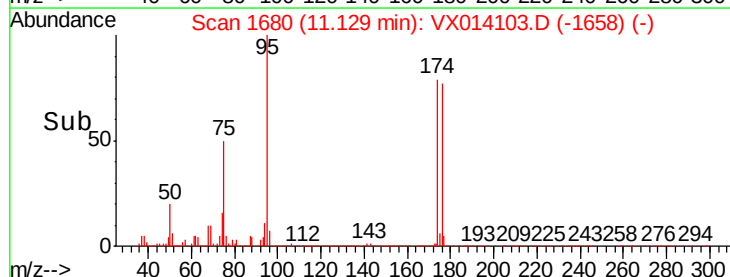
75 100

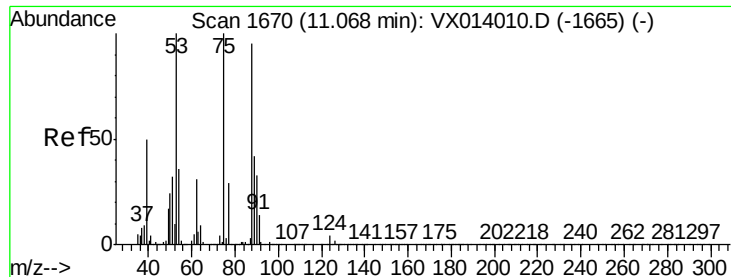
77 1.5 19.3 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

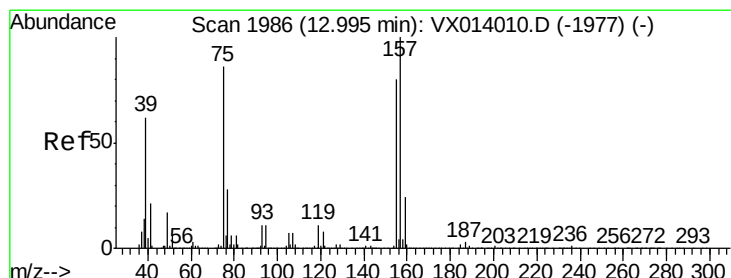
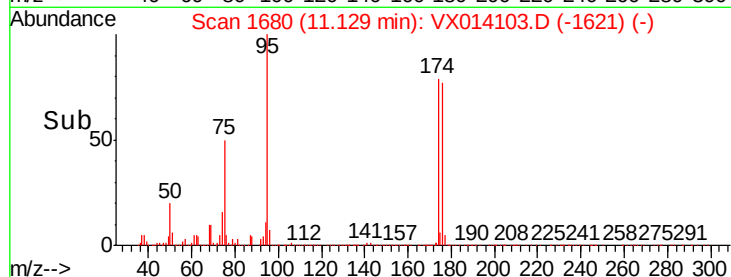
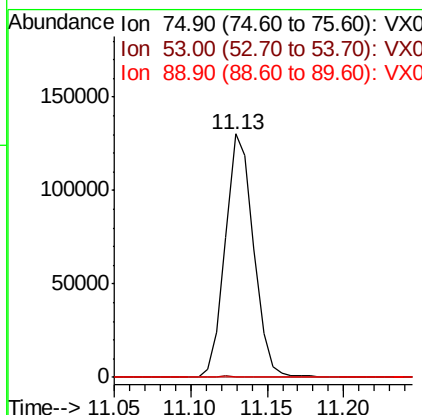
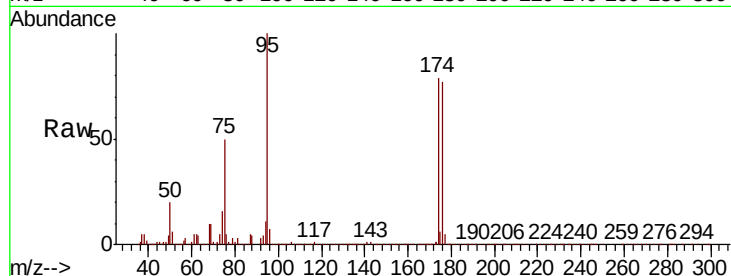




#81
trans-1,4-Dichloro-2-butene
Concen: 63.271 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014103.D
Acq: 18 Dec 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
SSI-MW-2

Tot Ion: 75 Resp: 167370
Ion Ratio Lower Upper
75 100
53 0.3 76.7 115.1#
89 0.1 34.6 51.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.221 ug/l
RT: 13.06 min Scan# 1996
Delta R.T. 0.06 min
Lab File: VX014103.D
Acq: 18 Dec 2019 17:44

Tgt Ion: 75 Resp: 410
Ion Ratio Lower Upper
75 100
155 72.2 46.9 140.6
157 69.0 60.8 182.4

