

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022020\
 Data File : VX014980.D
 Acq On : 20 Feb 2020 16:07
 Operator : JC/SP
 Sample : L1603-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 21 00:35:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	451809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	702130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	681650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	375890	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	258304	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
35) Dibromofluoromethane	5.49	113	212694	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
50) Toluene-d8	8.71	98	843566	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.13	95	324966	54.75	ug/l	0.00
Spiked Amount			Recovery	=	109.50%	

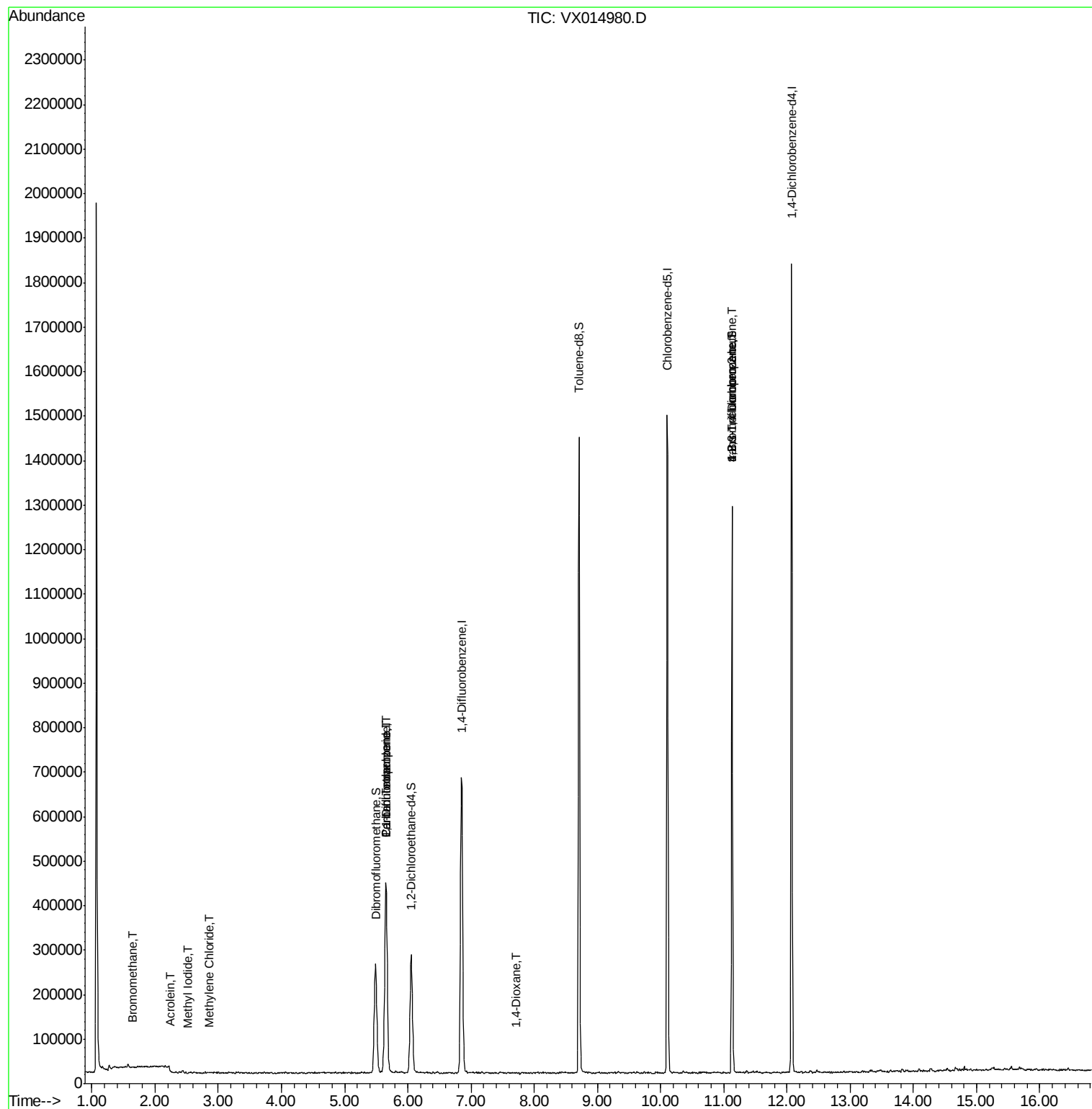
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	884	0.261	ug/l #	59
10) Methyl Iodide	2.52	142	874	4.537	ug/l #	39
13) Acrolein	2.25	56	309	0.450	ug/l #	54
16) Acetone	2.43	43	5405	Below Cal		96
20) Methylene Chloride	2.86	84	1570	0.320	ug/l #	80
36) 1,1-Dichloropropene	5.65	75	29783	4.742	ug/l #	49
38) Carbon Tetrachloride	5.65	117	38063	6.219	ug/l #	16
49) 1,4-Dioxane	7.73	88	459	4.616	ug/l #	19
76) 1,2,3-Trichloropropane	11.13	75	162937	23.971	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.13	75	162937	61.358	ug/l #	12

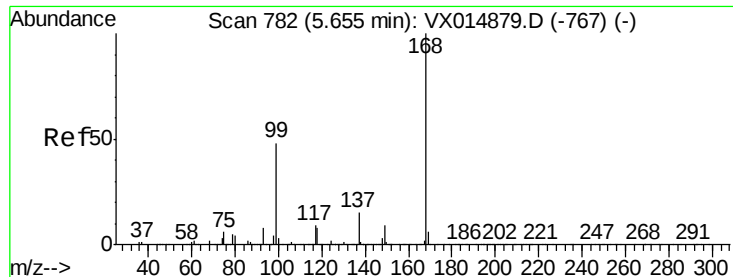
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022020\
Data File : VX014980.D
Acq On : 20 Feb 2020 16:07
Operator : JC/SP
Sample : L1603-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 21 00:35:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014980.D

Acq: 20 Feb 2020 16:07

Instrument :

MSVOA_X

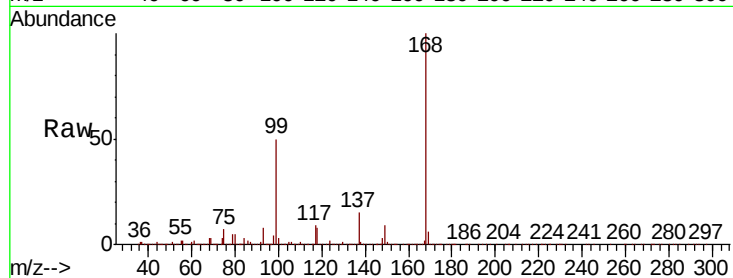
ClientSampleId :

Tot Ion:168 Resp: 451809

Ion Ratio Lower Upper

168 100

99 50.3 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

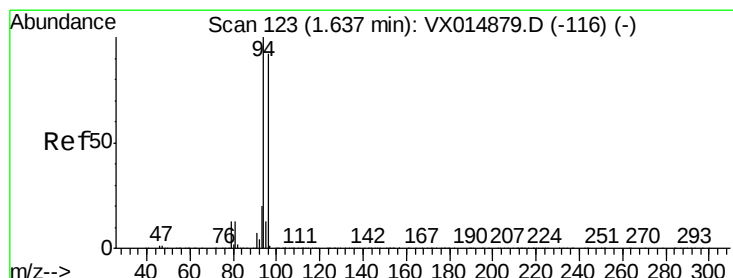
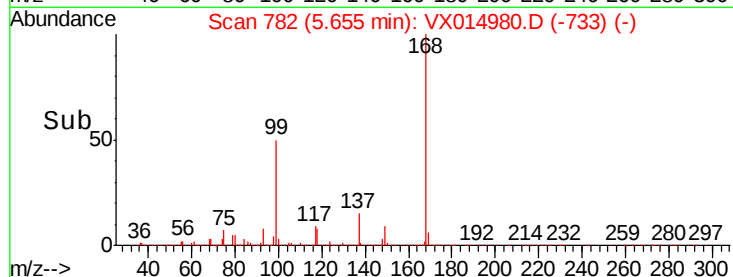
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.261 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.02 min

Lab File: VX014980.D

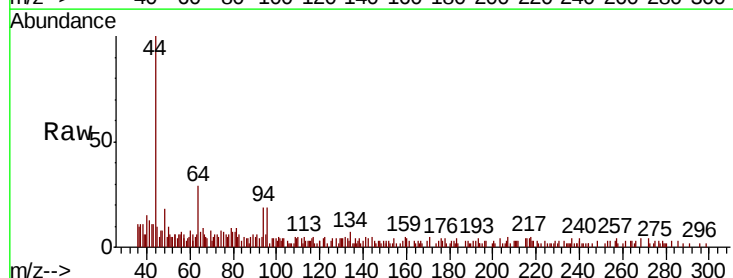
Acq: 20 Feb 2020 16:07

Tgt Ion: 94 Resp: 884

Ion Ratio Lower Upper

94 100

96 131.5 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

600

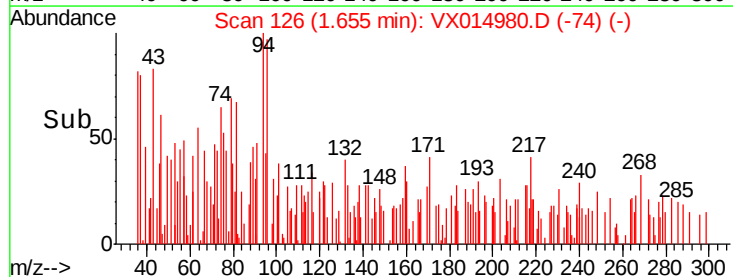
400

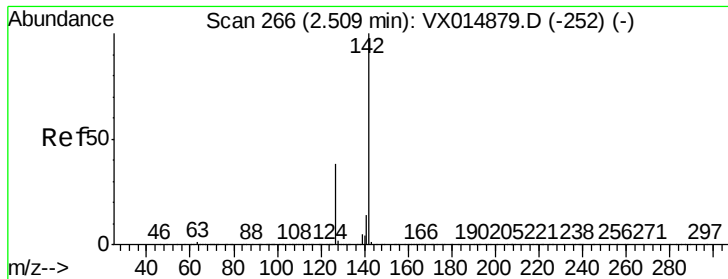
200

0

Time-->

1.65 1.70

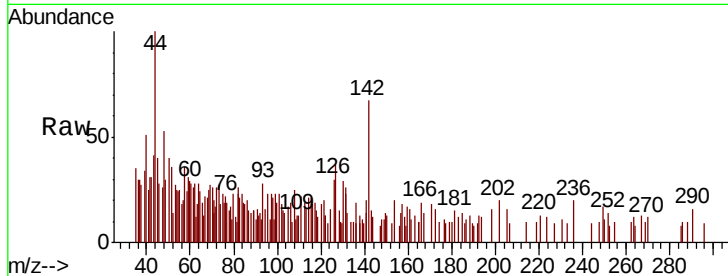




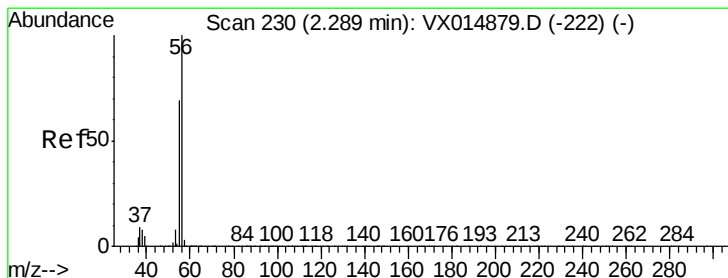
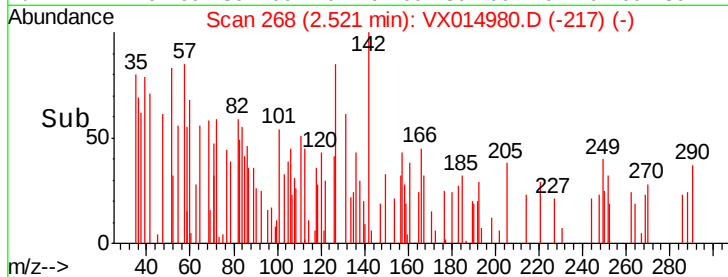
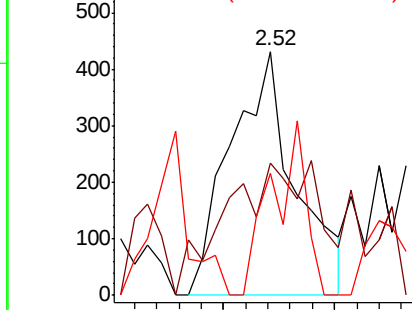
#10
Methvl Iodide
Concen: 4.537 ug/l
RT: 2.52 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX014980.D
Acq: 20 Feb 2020 16:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 874
Ion Ratio Lower Upper
142 100
127 76.9 31.1 46.7#
141 37.2 11.3 16.9#

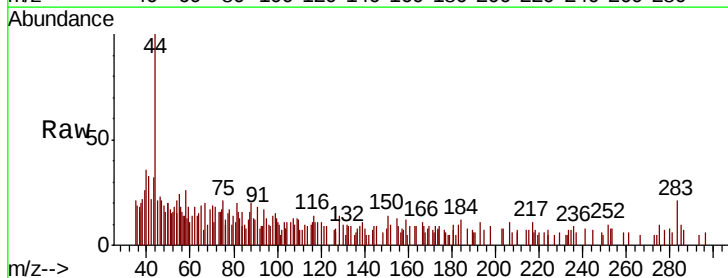


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

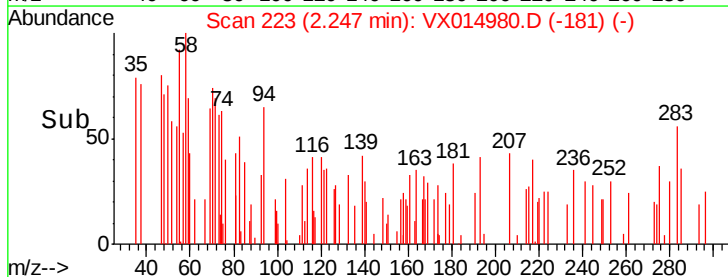
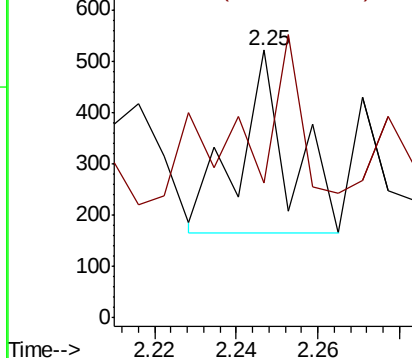


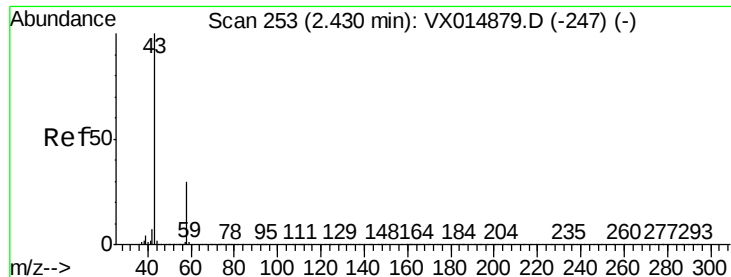
#13
Acrolein
Concen: 0.450 ug/l
RT: 2.25 min Scan# 223
Delta R.T. -0.04 min
Lab File: VX014980.D
Acq: 20 Feb 2020 16:07

Tgt Ion: 56 Resp: 309
Ion Ratio Lower Upper
56 100
55 31.7 55.0 82.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: Below Cal

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014980.D

Acq: 20 Feb 2020 16:07

Instrument :

MSVOA_X

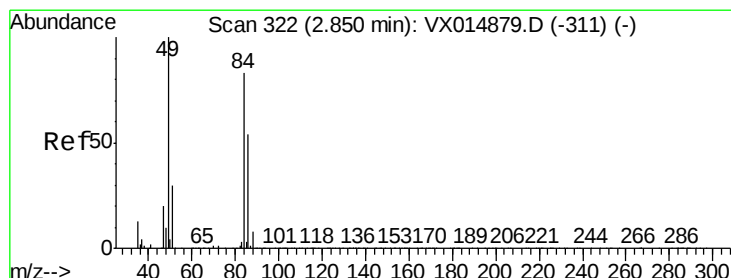
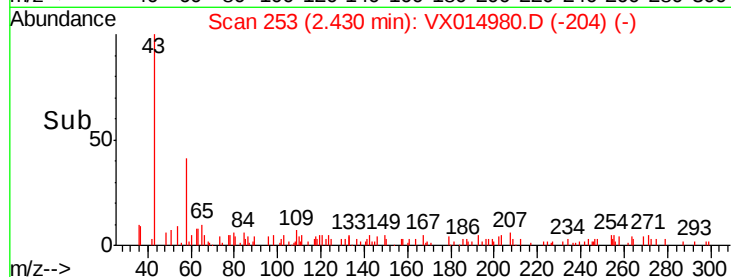
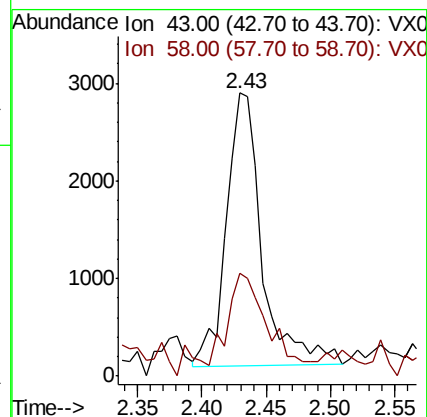
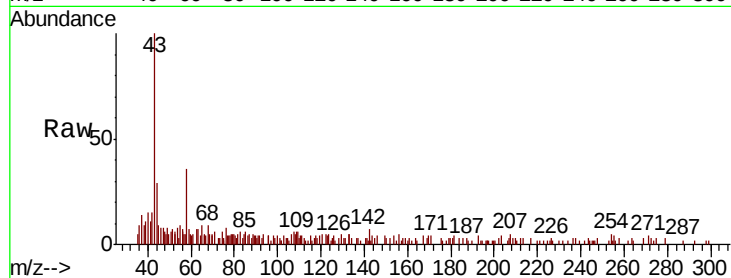
ClientSampleId :

Tot Ion: 43 Resp: 5405

Ion Ratio Lower Upper

43 100

58 27.9 24.1 36.1



#20

Methylene Chloride

Concen: 0.320 ug/l

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX014980.D

Acq: 20 Feb 2020 16:07

Tgt Ion: 84 Resp: 1570

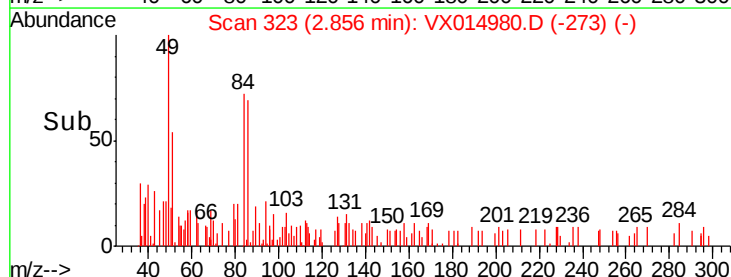
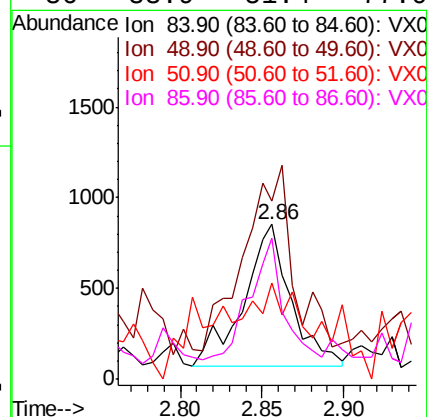
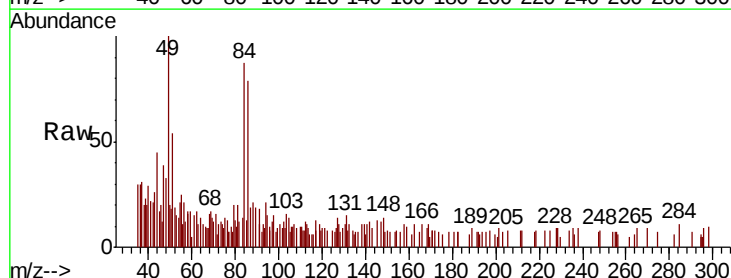
Ion Ratio Lower Upper

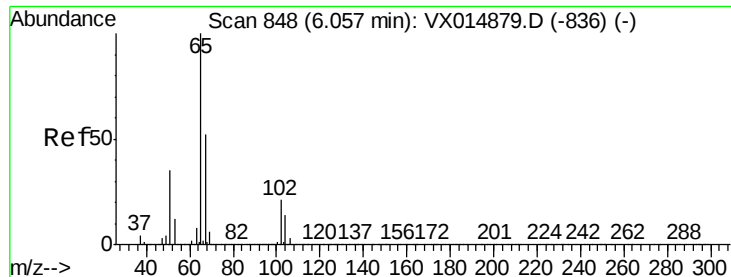
84 100

49 105.0 95.6 143.4

51 14.8 29.0 43.6#

86 83.9 51.4 77.0#





#33

1,2-Dichloroethane-d4

Concen: 50.658 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX014980.D

Acq: 20 Feb 2020 16:07

Instrument :

MSVOA_X

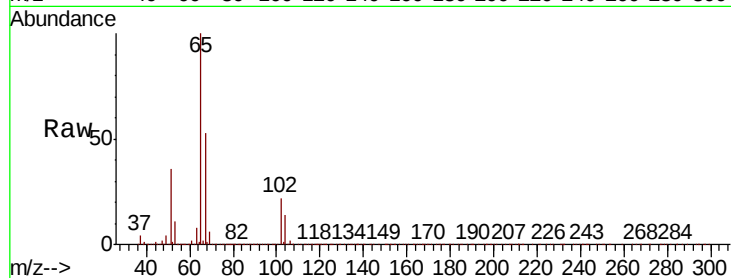
ClientSampleId :

Tot Ion: 65 Resp: 258304

Ion Ratio Lower Upper

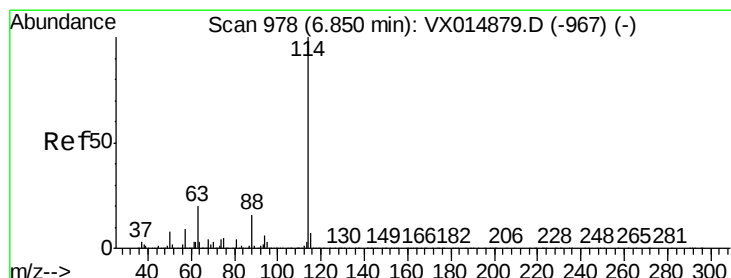
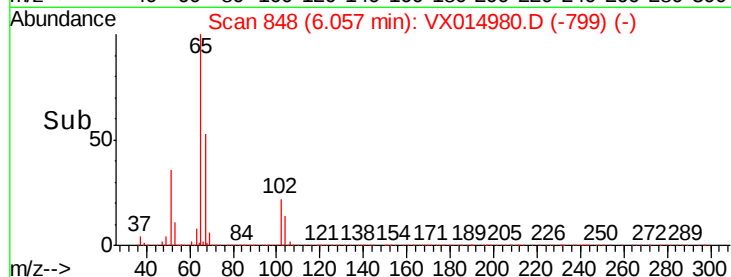
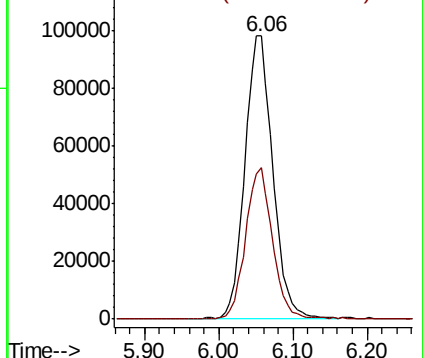
65 100

67 51.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014980.D

Acq: 20 Feb 2020 16:07

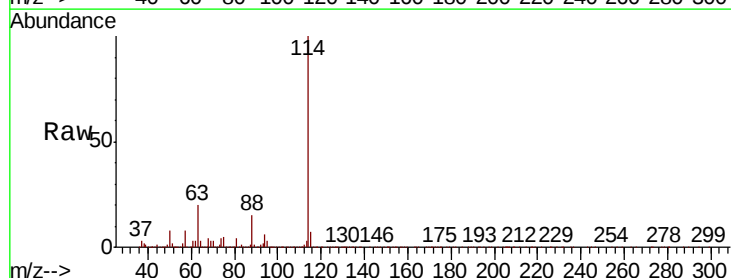
Tgt Ion: 114 Resp: 702130

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

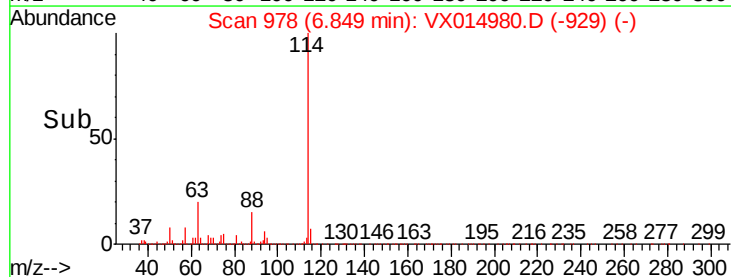
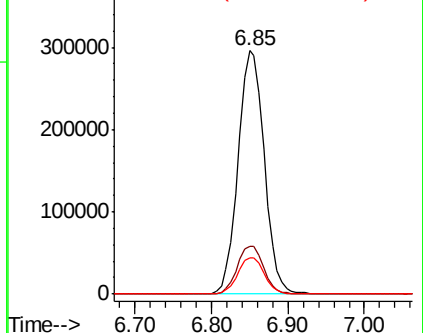
88 15.0 0.0 32.0

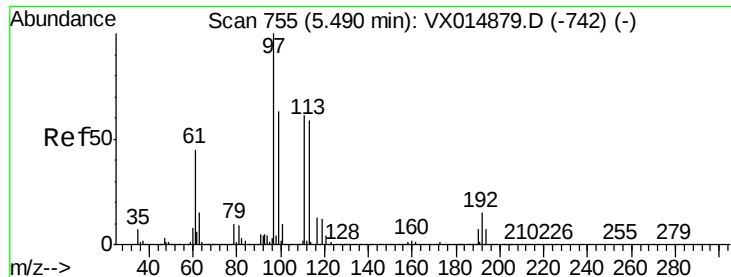


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.274 ug/l

RT: 5.49 min Scan# 755

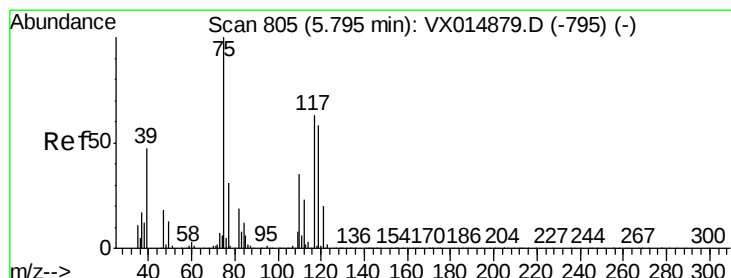
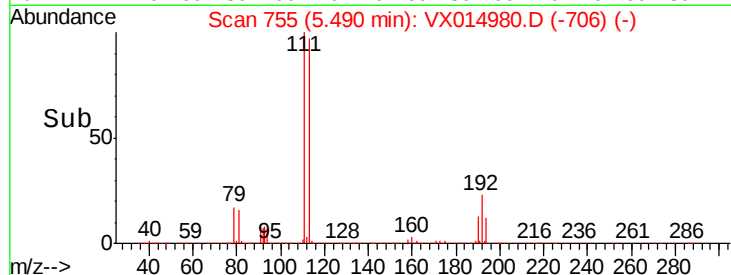
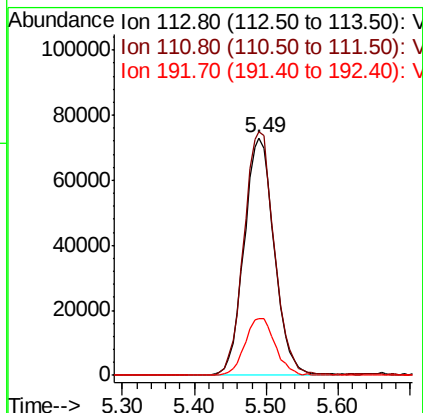
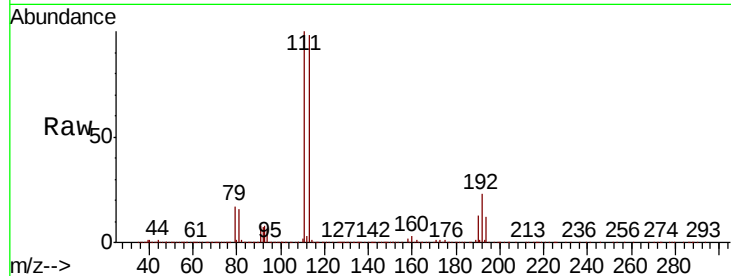
Delta R.T. -0.00 min

Lab File: VX014980.D

Acq: 20 Feb 2020 16:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	212694
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	24.4	19.1	28.7



#36

1,1-Dichloropropene

Concen: 4.742 ug/l

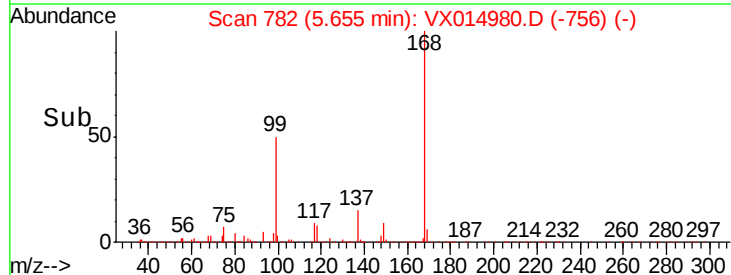
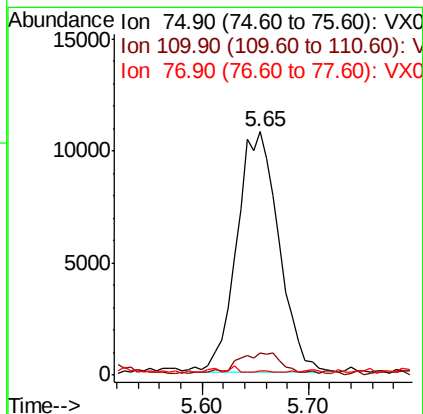
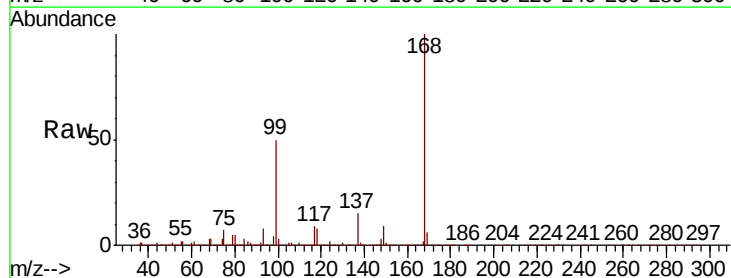
RT: 5.65 min Scan# 782

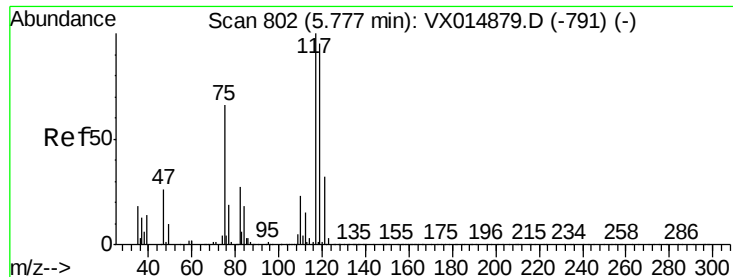
Delta R.T. -0.14 min

Lab File: VX014980.D

Acq: 20 Feb 2020 16:07

Tgt Ion:	75	Resp:	29783
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.3	54.8#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.219 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX014980.D

Acq: 20 Feb 2020 16:07

Instrument :

MSVOA_X

ClientSampleId :

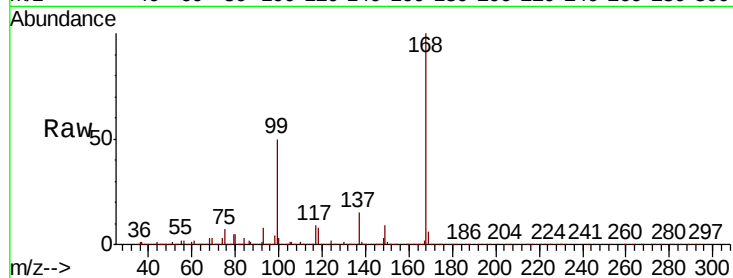
Tot Ion:117 Resp: 38063

Ion Ratio Lower Upper

117 100

119 4.4 76.0 114.0#

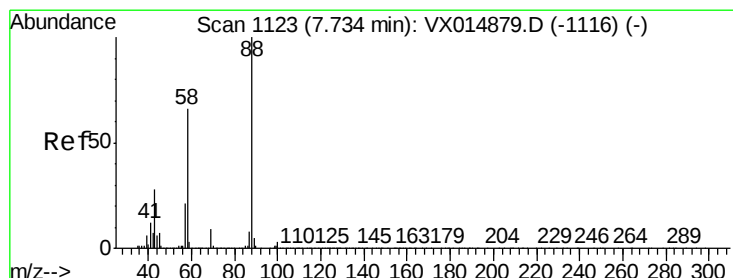
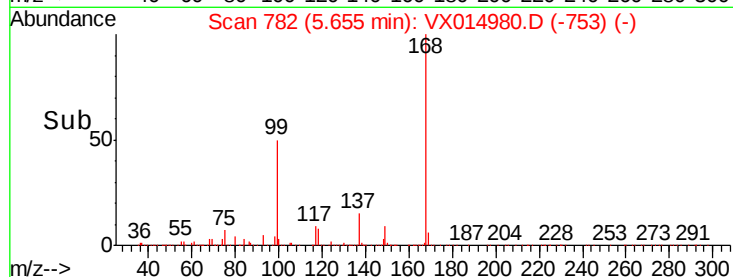
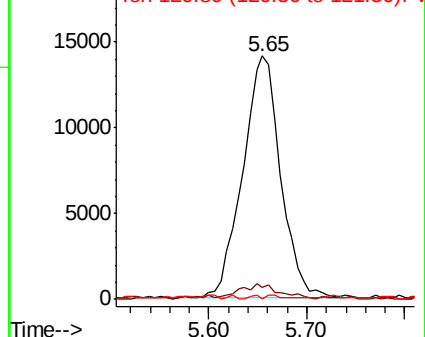
121 0.0 25.4 38.2#



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



#49

1,4-Dioxane

Concen: 4.616 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014980.D

Acq: 20 Feb 2020 16:07

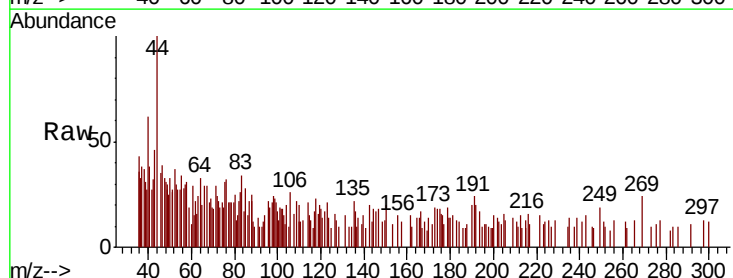
Tgt Ion: 88 Resp: 459

Ion Ratio Lower Upper

88 100

43 98.3 27.0 40.4#

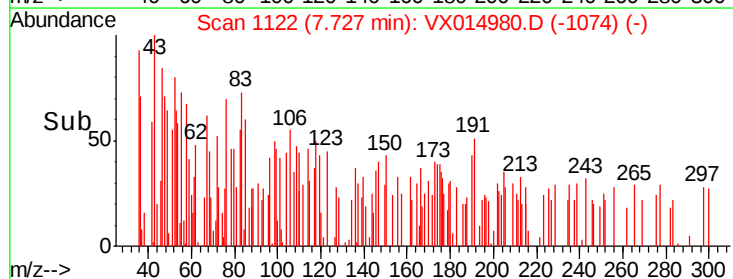
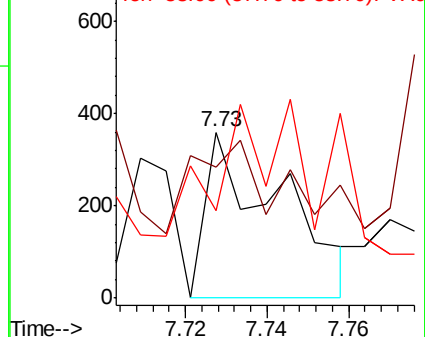
58 117.9 53.2 79.8#

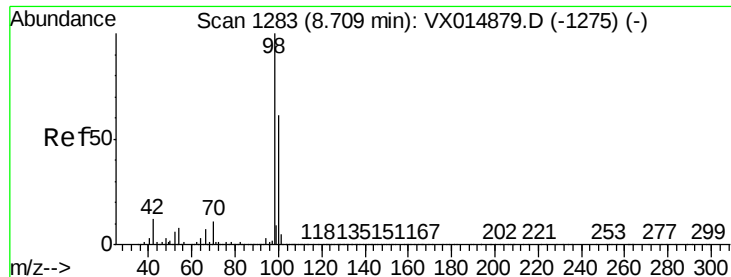


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

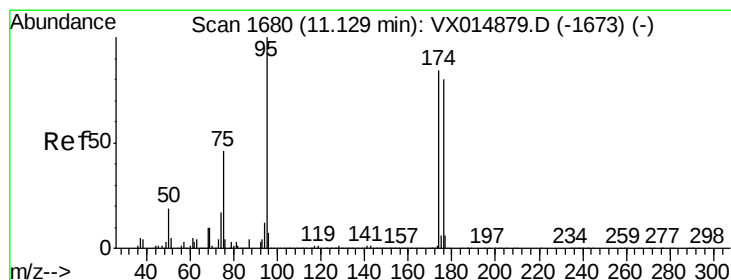
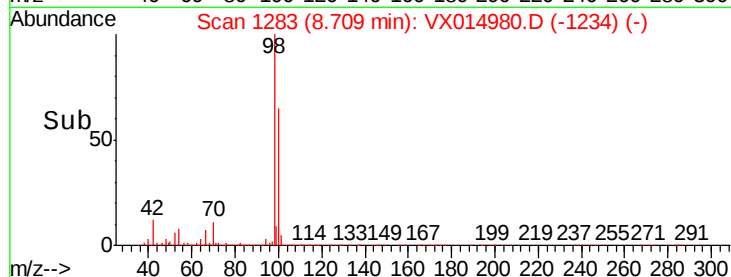
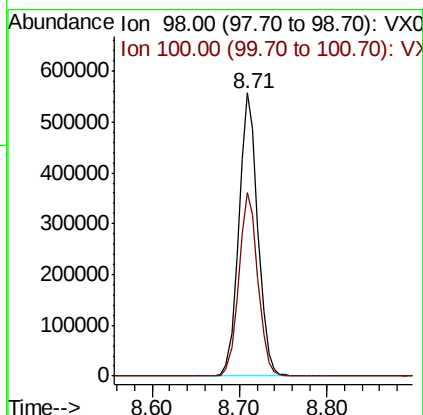
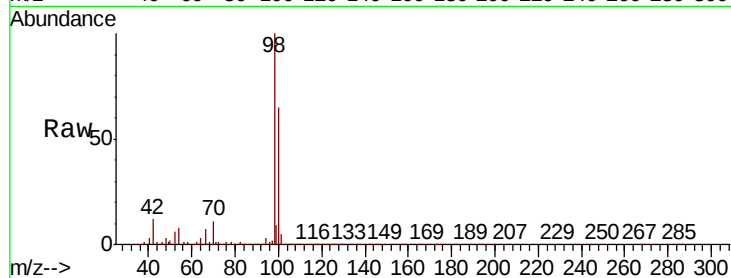




#50
Toluene-d8
Concen: 51.198 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014980.D
Acq: 20 Feb 2020 16:07

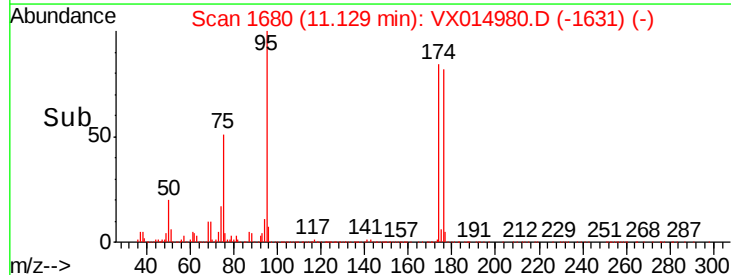
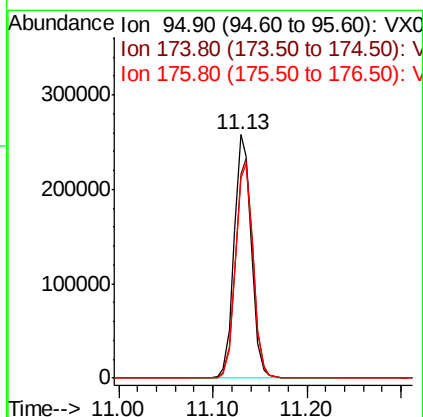
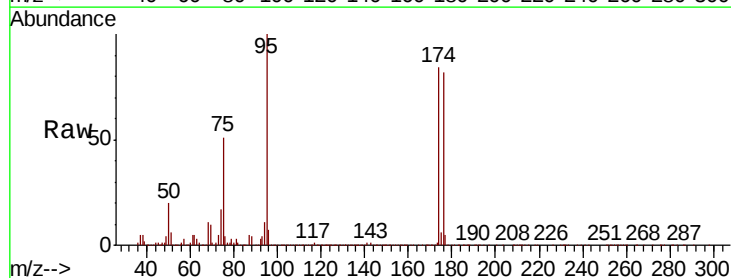
Instrument :
MSVOA_X
ClientSampled :

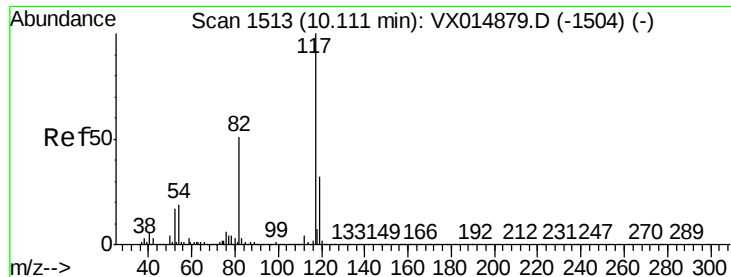
Tot Ion: 98 Resp: 843566
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.751 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014980.D
Acq: 20 Feb 2020 16:07

Tgt Ion: 95 Resp: 324966
Ion Ratio Lower Upper
95 100
174 91.6 0.0 183.0
176 90.0 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014980.D

Acq: 20 Feb 2020 16:07

Instrument :

MSVOA_X

ClientSampleId :

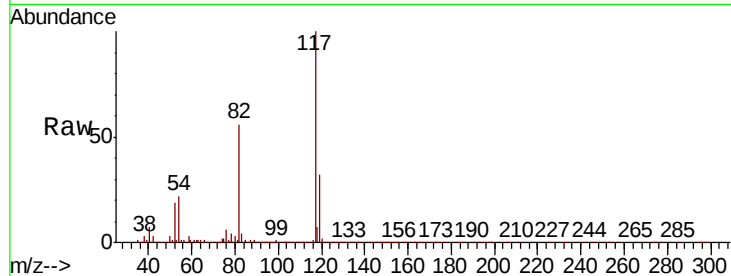
Tot Ion:117 Resp: 681650

Ion Ratio Lower Upper

117 100

82 55.6 40.5 60.7

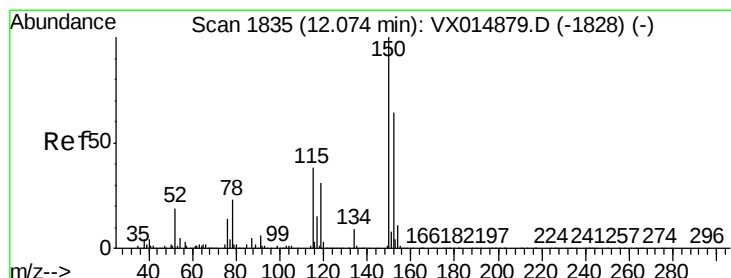
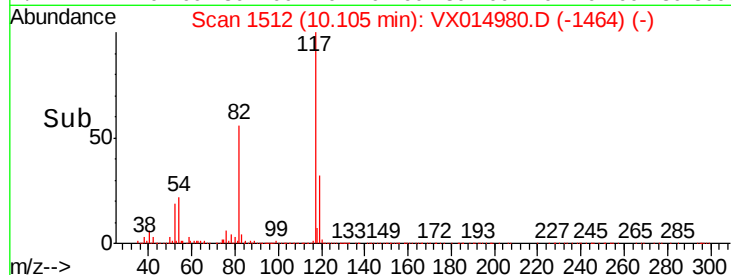
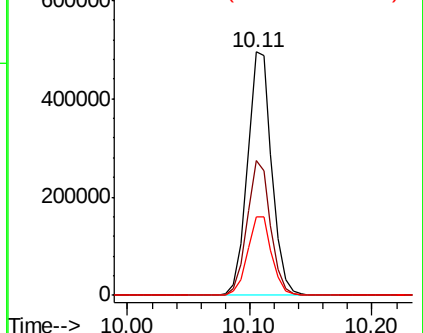
119 32.3 25.8 38.6



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: VX014980.D

Acq: 20 Feb 2020 16:07

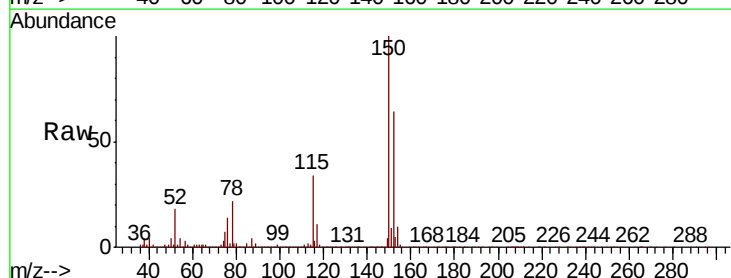
Tgt Ion:152 Resp: 375890

Ion Ratio Lower Upper

152 100

115 54.2 38.6 116.0

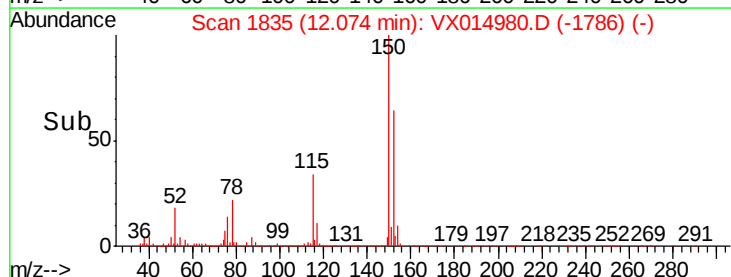
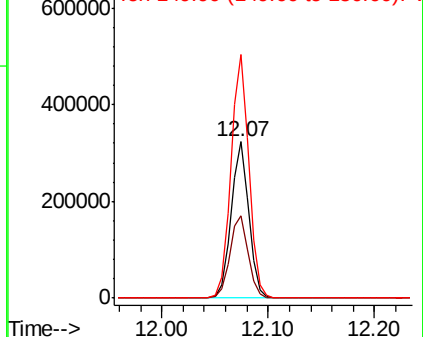
150 157.6 0.0 349.0

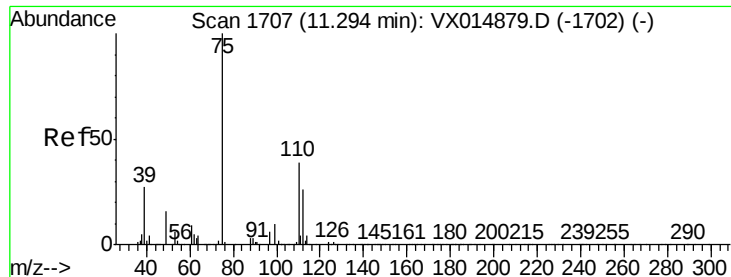


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.971 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014980.D

Acq: 20 Feb 2020 16:07

Instrument :

MSVOA_X

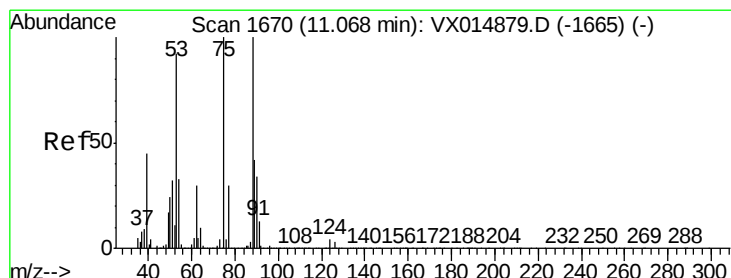
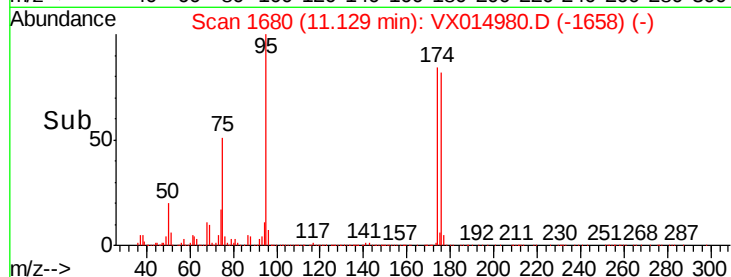
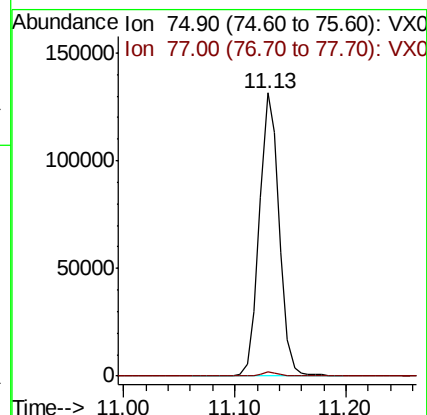
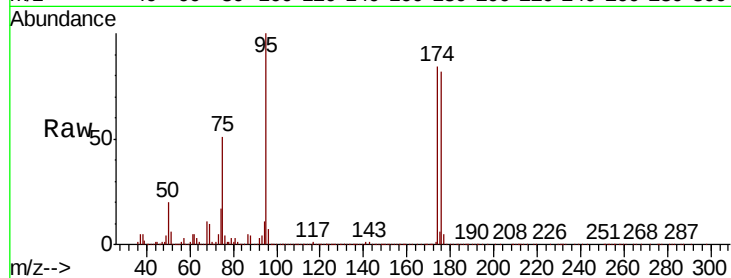
ClientSampled :

Tot Ion: 75 Resp: 162937

Ion Ratio Lower Upper

75 100

77 1.4 18.4 55.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.358 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014980.D

Acq: 20 Feb 2020 16:07

Tgt Ion: 75 Resp: 162937

Ion Ratio Lower Upper

75 100

53 0.2 76.2 114.2#

89 0.4 35.8 53.6#

