

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022020\
 Data File : VX014978.D
 Acq On : 20 Feb 2020 15:22
 Operator : JC/SP
 Sample : L1605-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 21 00:34:47 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	469193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	737927	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	713468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	387643	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	264104	49.88	ug/l	-0.01
Spiked Amount			Recovery	=	99.76%	
35) Dibromofluoromethane	5.48	113	222130	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
50) Toluene-d8	8.71	98	880722	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	11.13	95	340744	54.62	ug/l	0.00
Spiked Amount			Recovery	=	109.24%	

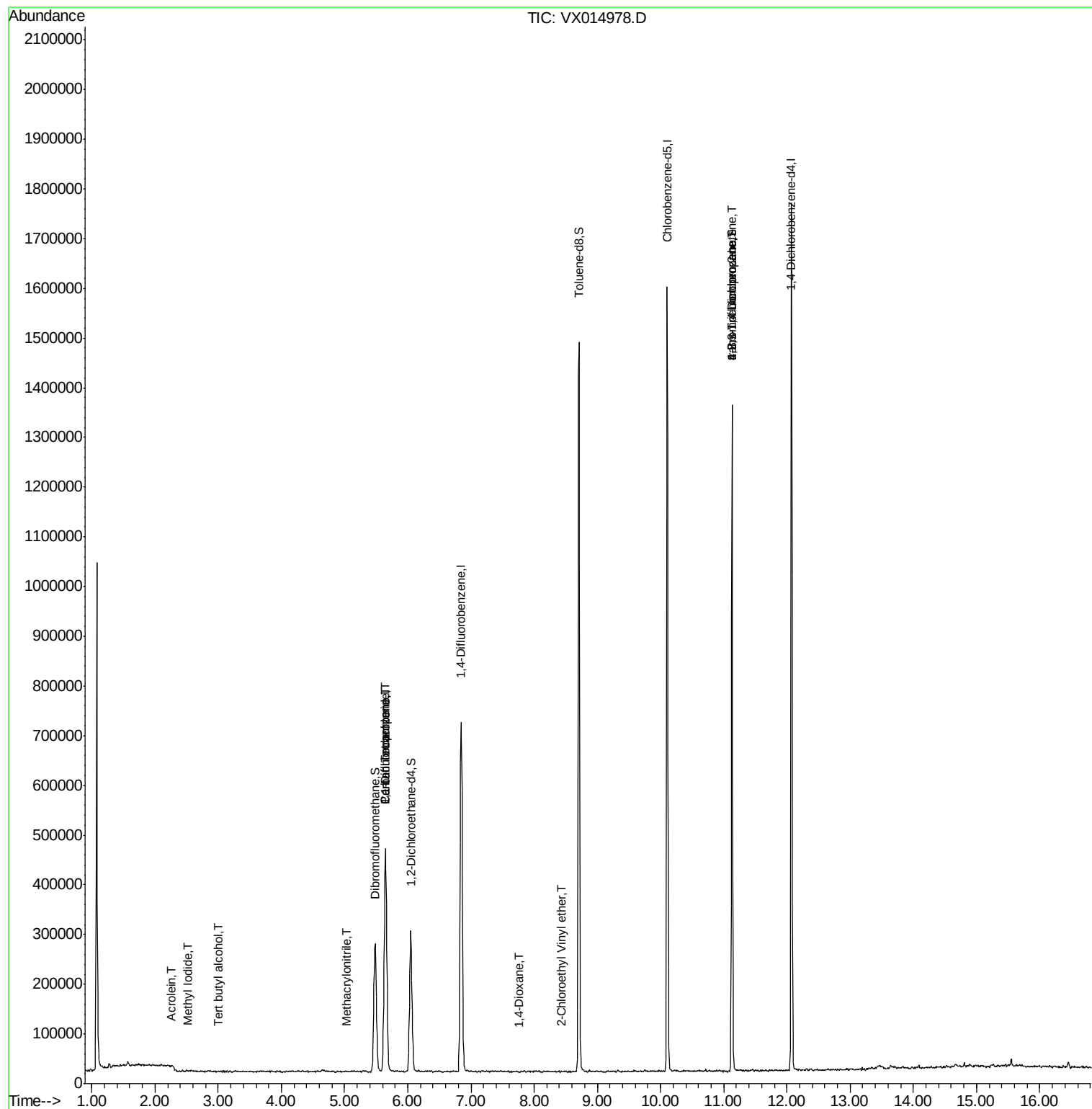
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1175	4.587	ug/l #	95
11) Tert butyl alcohol	3.00	59	403	0.431	ug/l #	1
13) Acrolein	2.25	56	166	0.233	ug/l #	15
16) Acetone	2.42	43	1592	Below Cal	#	51
36) 1,1-Dichloropropene	5.64	75	32223	4.882	ug/l #	50
38) Carbon Tetrachloride	5.65	117	41511	6.453	ug/l #	17
41) Methacrylonitrile	5.03	41	919	0.248	ug/l #	46
49) 1,4-Dioxane	7.76	88	470	4.498	ug/l #	78
58) 2-Chloroethyl Vinyl ether	8.44	63	823	0.207	ug/l	94
76) 1,2,3-Trichloropropane	11.13	75	167649	23.916	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.13	75	167649	61.218	ug/l #	12

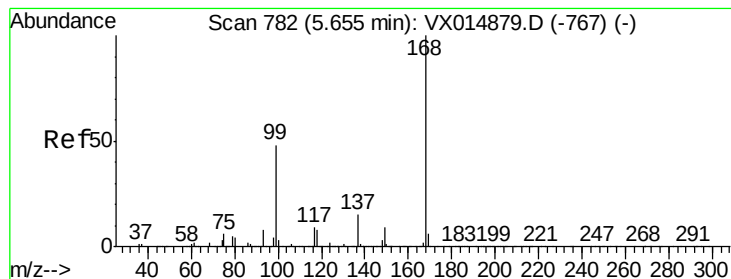
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022020\
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Acq On : 20 Feb 2020 15:22
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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Feb 21 00:34:47 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# 781

Delta R.T. -0.01 min

Lab File: VX014978.D

Acq: 20 Feb 2020 15:22

Instrument :

MSVOA_X

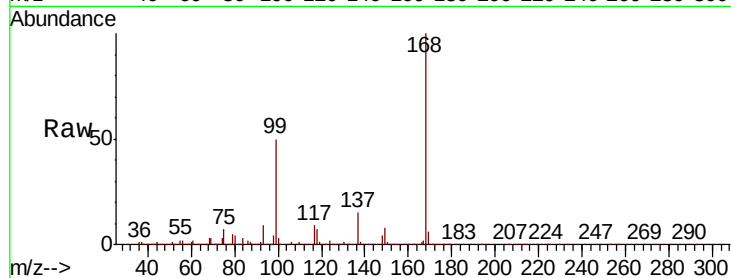
ClientSampleId :

Tot Ion:168 Resp: 469193

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

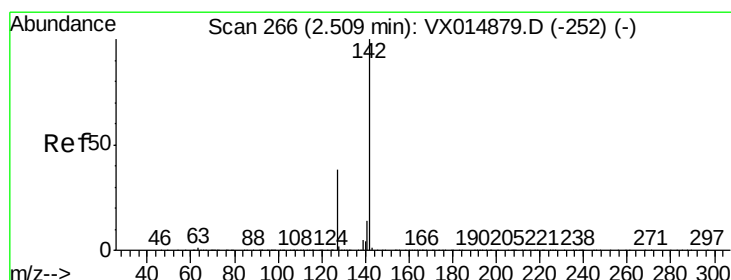
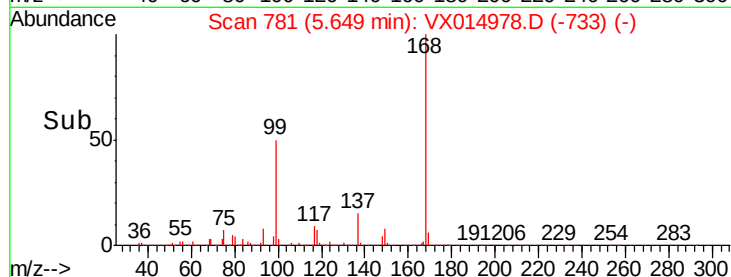
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 4.587 ug/l

RT: 2.52 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX014978.D

Acq: 20 Feb 2020 15:22

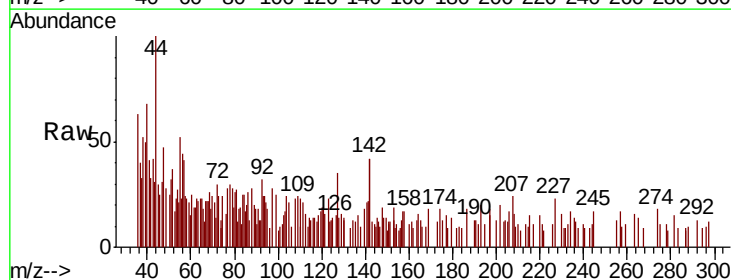
Tgt Ion:142 Resp: 1175

Ion Ratio Lower Upper

142 100

127 37.7 31.1 46.7

141 19.5 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

2.52

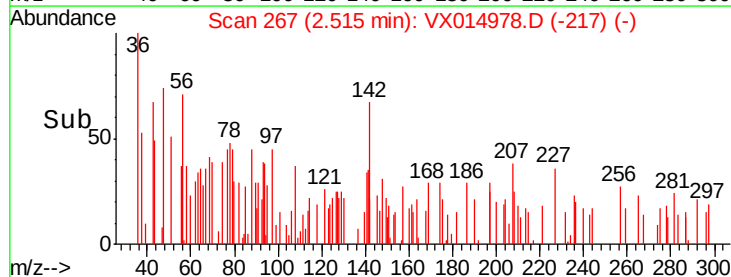
600

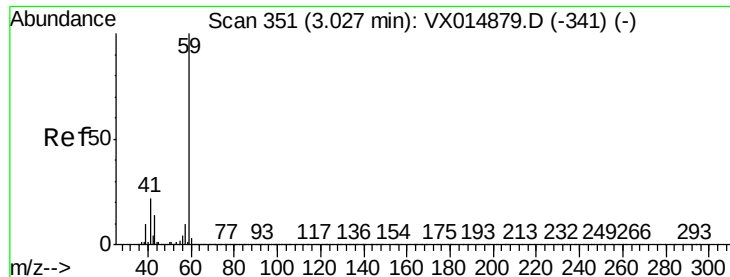
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200

0

Time-->



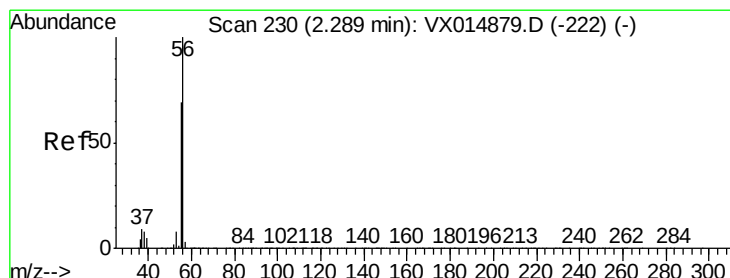
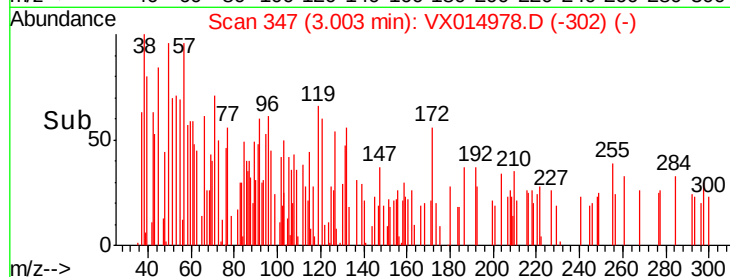
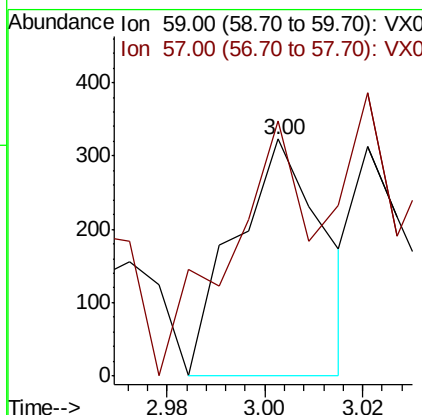
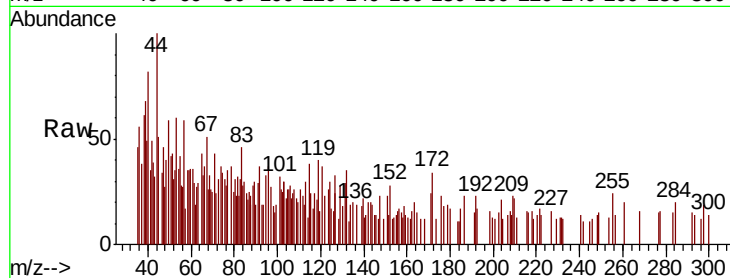


#11

Tert butyl alcohol
Concen: 0.431 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.02 min
Lab File: VX014978.D
Acq: 20 Feb 2020 15:22

Instrument :
MSVOA_X
ClientSampled :

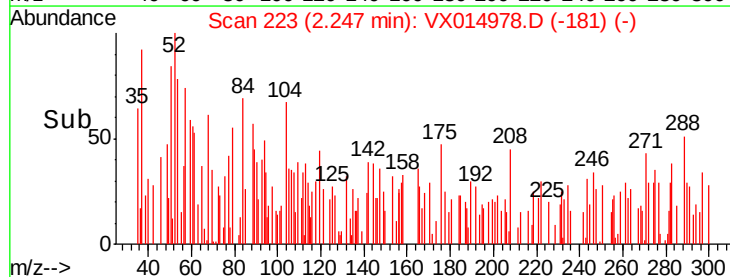
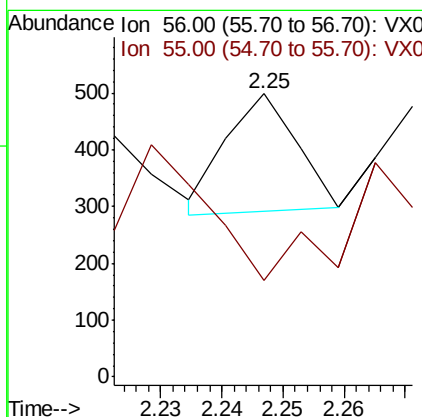
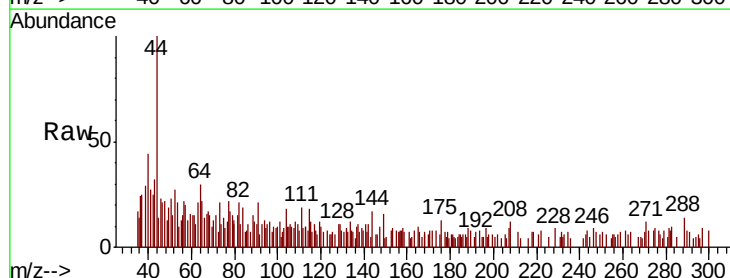
Tot Ion: 59 Resp: 403
Ion Ratio Lower Upper
59 100
57 91.8 8.2 12.4#

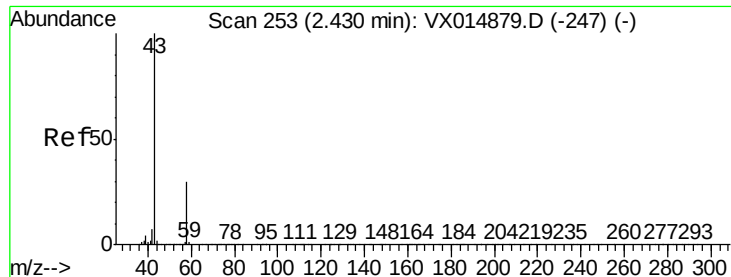


#13

Acrolein
Concen: 0.233 ug/l
RT: 2.25 min Scan# 223
Delta R.T. -0.04 min
Lab File: VX014978.D
Acq: 20 Feb 2020 15:22

Tgt Ion: 56 Resp: 166
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.4#

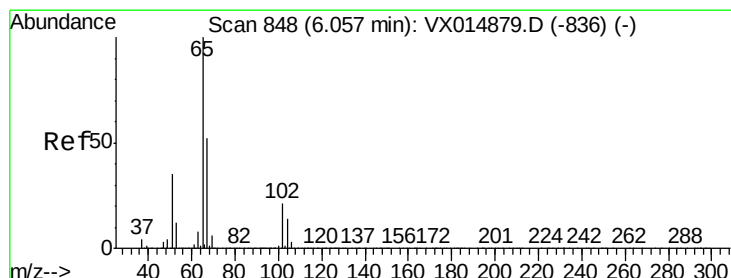
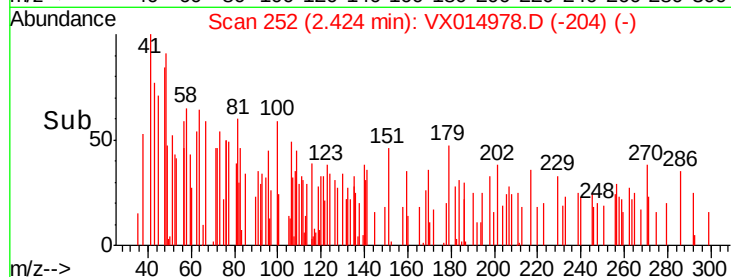
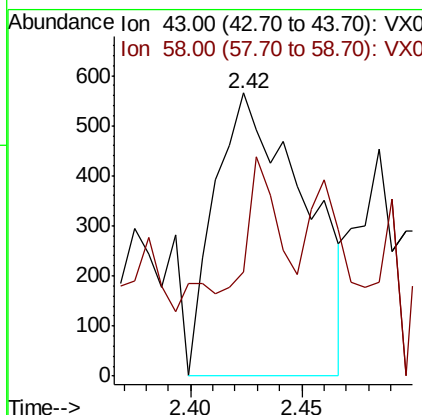
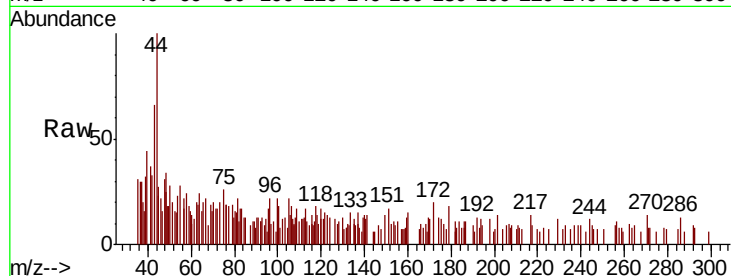




#16
Acetone
Concen: Below Cal
RT: 2.42 min Scan# 252
Delta R.T. -0.01 min
Lab File: VX014978.D
Acq: 20 Feb 2020 15:22

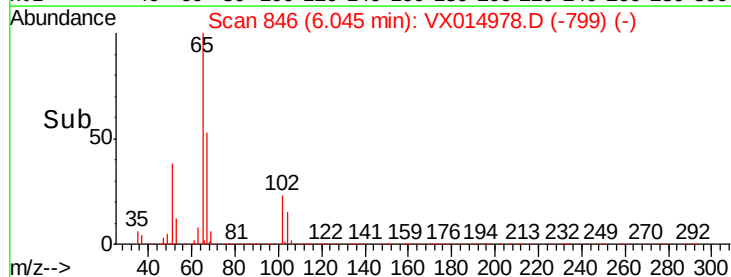
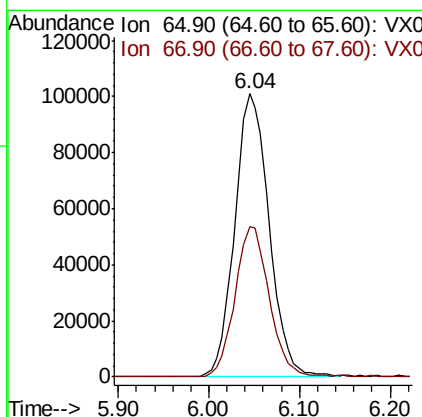
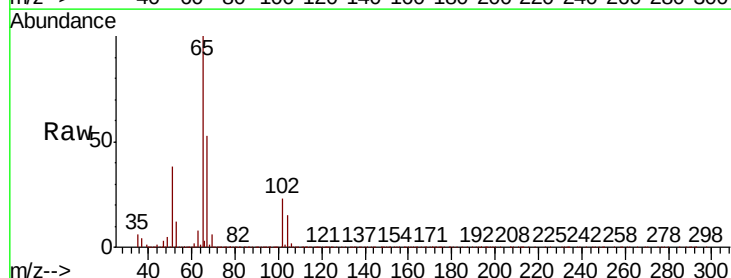
Instrument :
MSVOA_X
ClientSampleId :

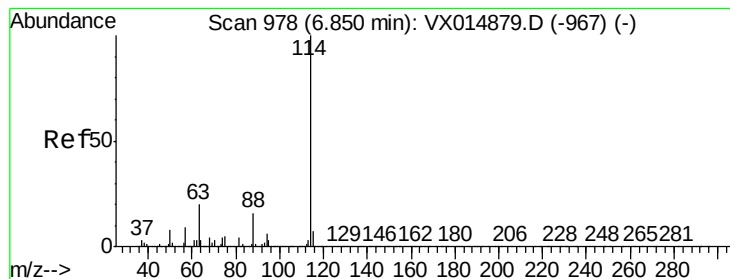
Tot Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
58 3.7 24.1 36.1#



#33
1,2-Dichloroethane-d4
Concen: 49.876 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX014978.D
Acq: 20 Feb 2020 15:22

Tgt Ion: 65 Resp: 264104
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014978.D

Acq: 20 Feb 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

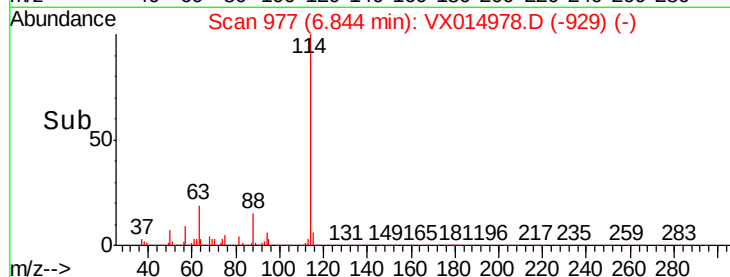
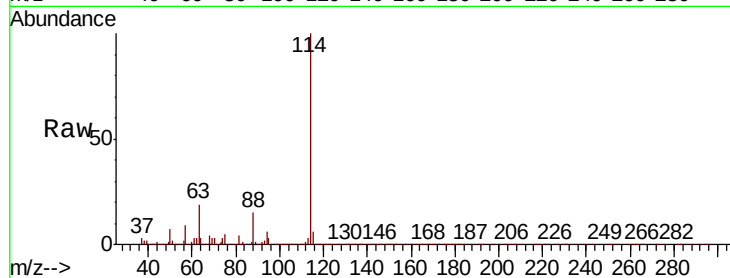
Tot Ion:114 Resp: 737927

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

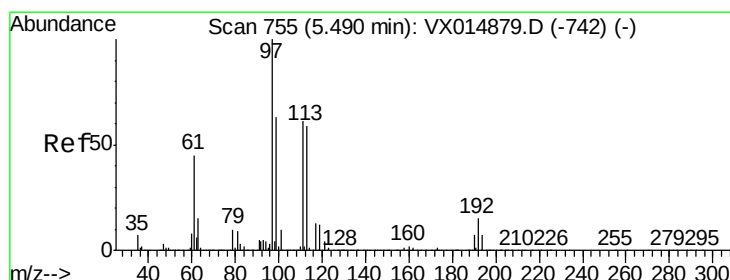
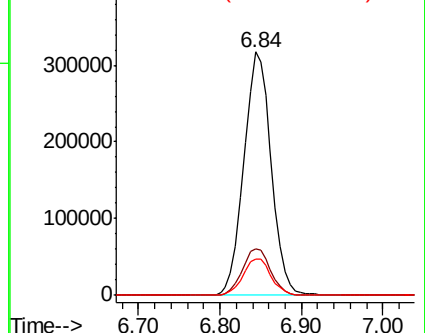
88 14.9 0.0 32.0



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: 48.964 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014978.D

Acq: 20 Feb 2020 15:22

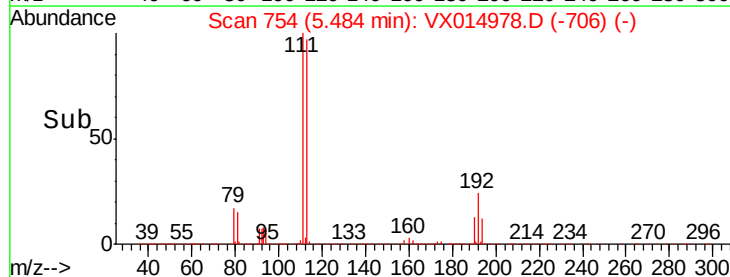
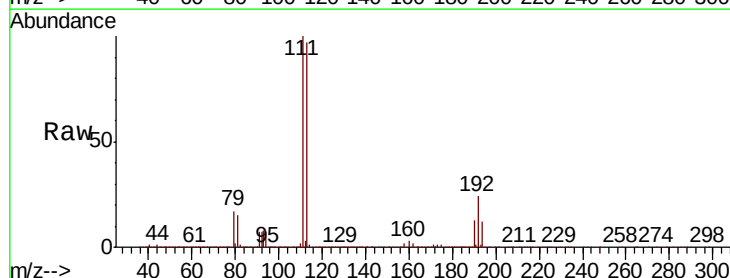
Tgt Ion:113 Resp: 222130

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

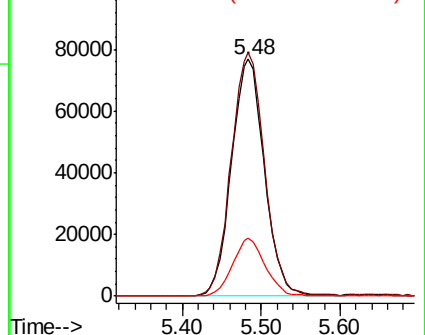
192 24.4 19.1 28.7

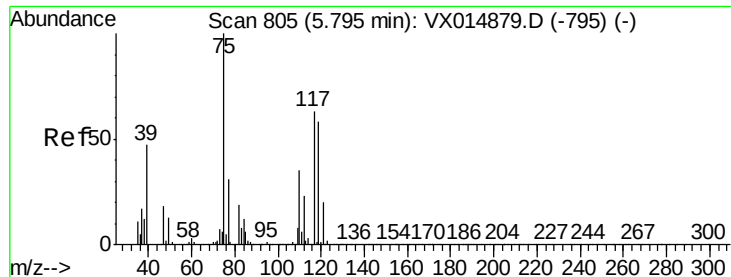


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

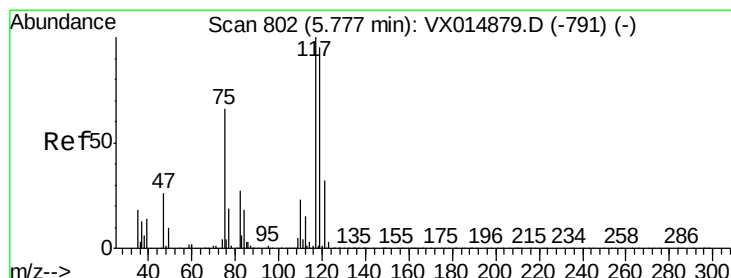
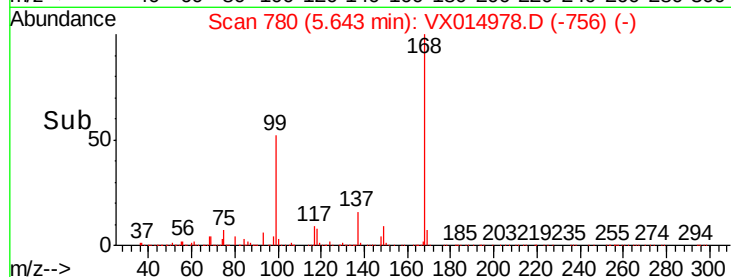
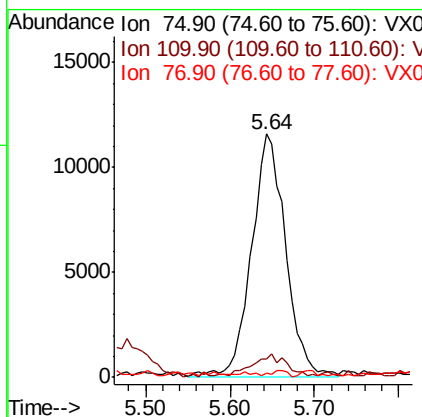
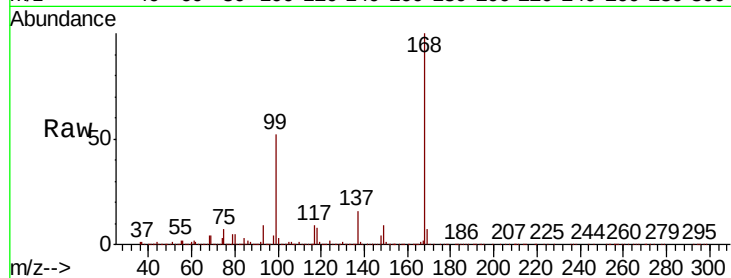




#36
 1,1-Dichloropropene
 Concen: 4.882 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX014978.D
 Acq: 20 Feb 2020 15:22

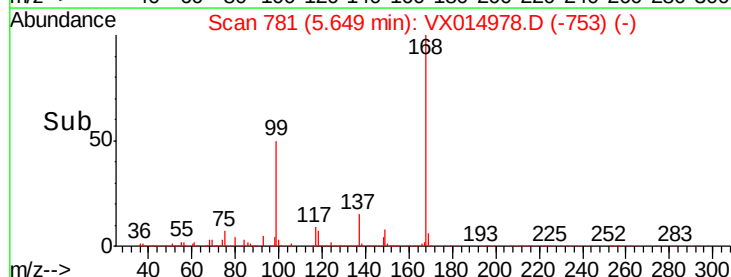
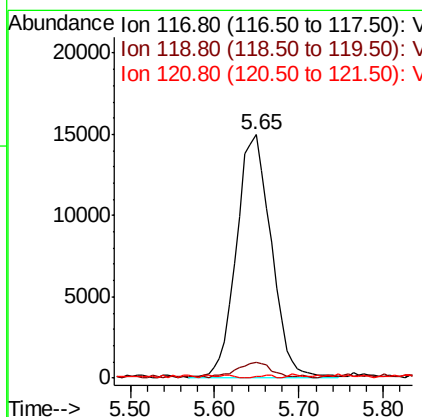
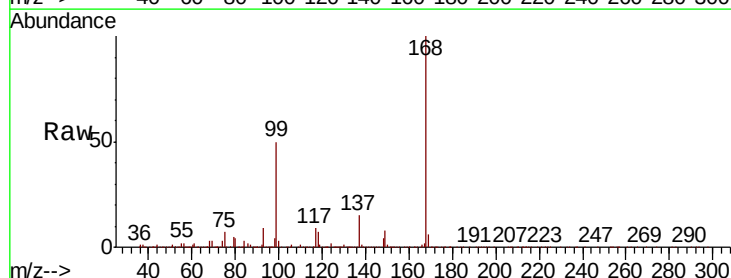
Instrument :
 MSVOA_X
 ClientSampleId :

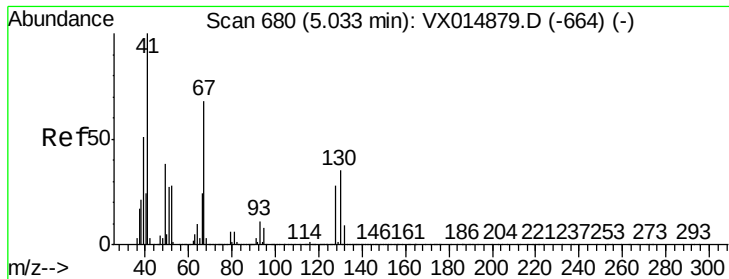
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.3	54.8#
77	1.4	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.453 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX014978.D
 Acq: 20 Feb 2020 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.0	114.0#
121	0.0	25.4	38.2#





#41

Methacrylonitrile

Concen: 0.248 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014978.D

Acq: 20 Feb 2020 15:22

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 919

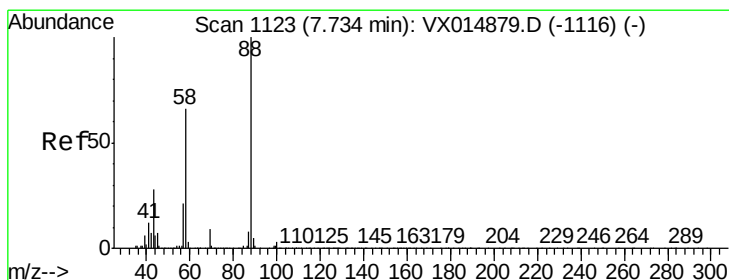
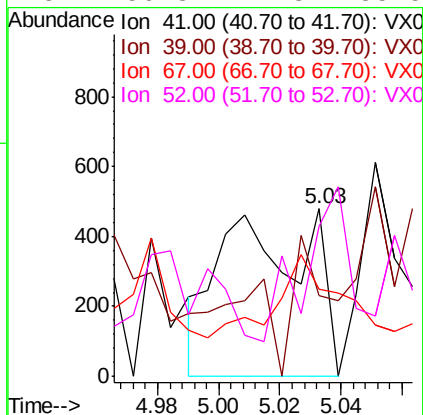
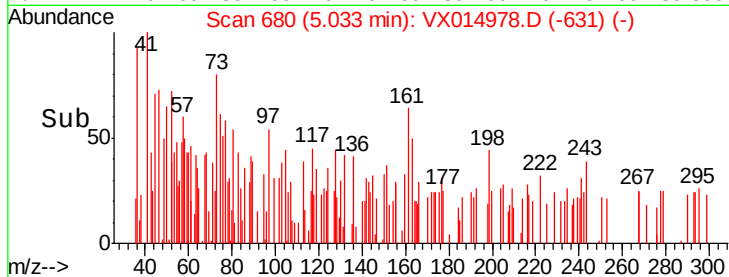
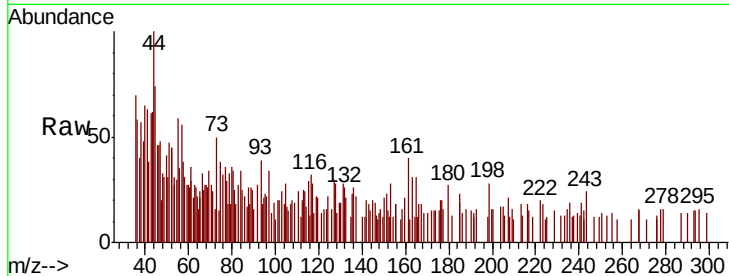
Ion Ratio Lower Upper

41 100

39 0.0 44.7 67.1#

67 36.8 56.6 84.8#

52 50.3 22.3 33.5#



#49

1,4-Dioxane

Concen: 4.498 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. 0.02 min

Lab File: VX014978.D

Acq: 20 Feb 2020 15:22

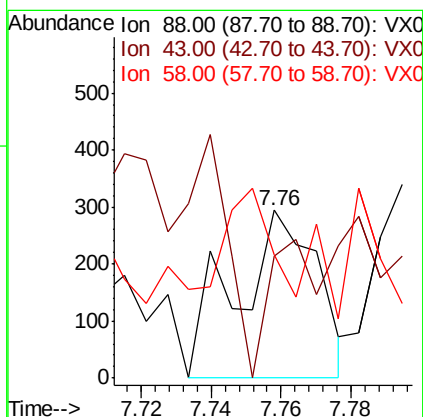
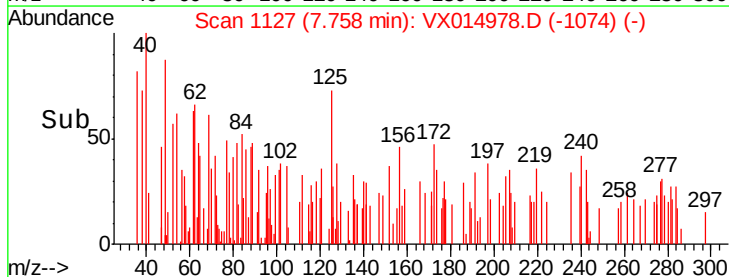
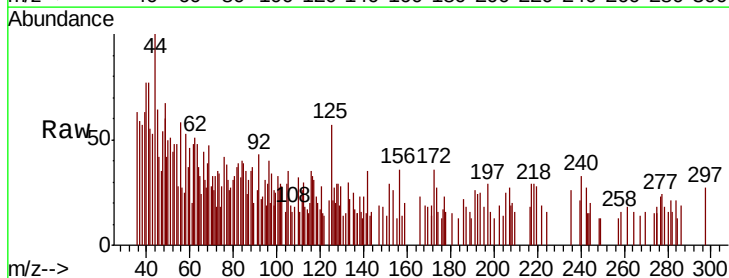
Tgt Ion: 88 Resp: 470

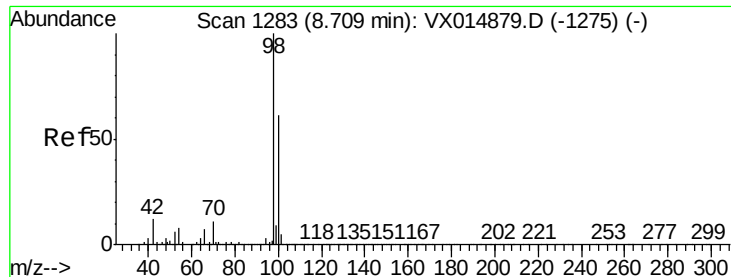
Ion Ratio Lower Upper

88 100

43 46.8 27.0 40.4#

58 49.8 53.2 79.8#

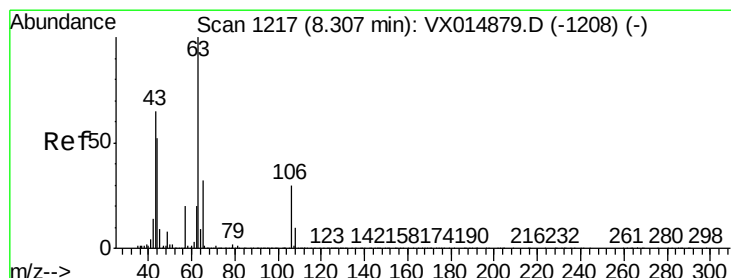
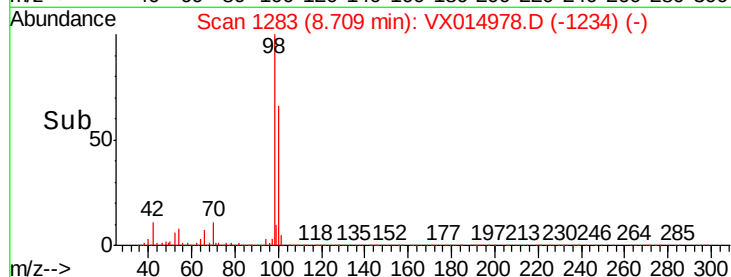
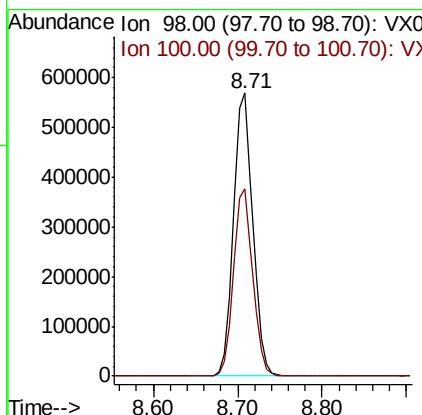
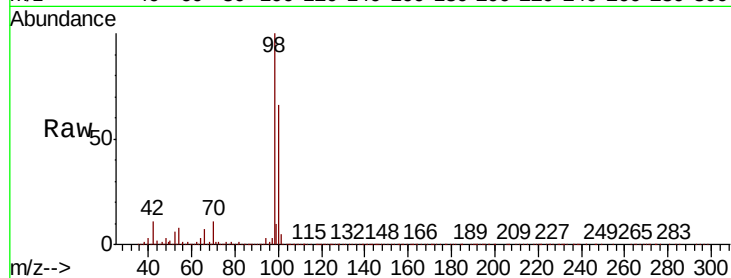




#50
Toluene-d8
Concen: 50.860 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014978.D
Acq: 20 Feb 2020 15:22

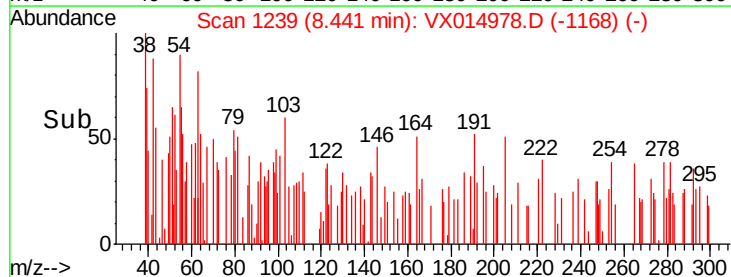
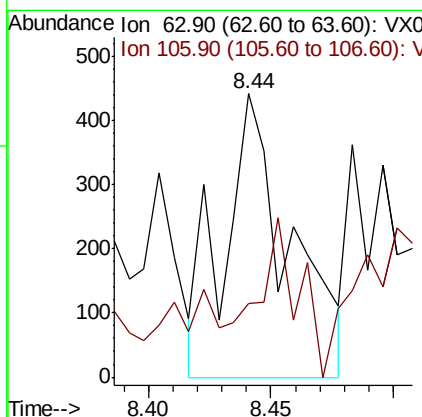
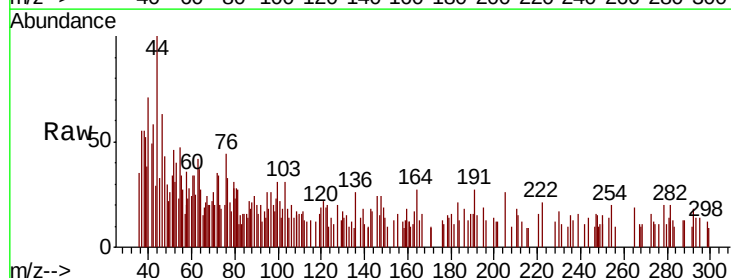
Instrument :
MSVOA_X
ClientSampled :

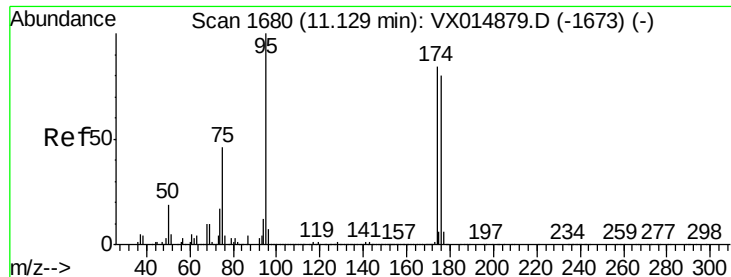
Tot Ion: 98 Resp: 880722
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#58
2-Chloroethyl Vinyl ether
Concen: 0.207 ug/l
RT: 8.44 min Scan# 1239
Delta R.T. 0.13 min
Lab File: VX014978.D
Acq: 20 Feb 2020 15:22

Tgt Ion: 63 Resp: 823
Ion Ratio Lower Upper
63 100
106 33.2 23.8 35.8

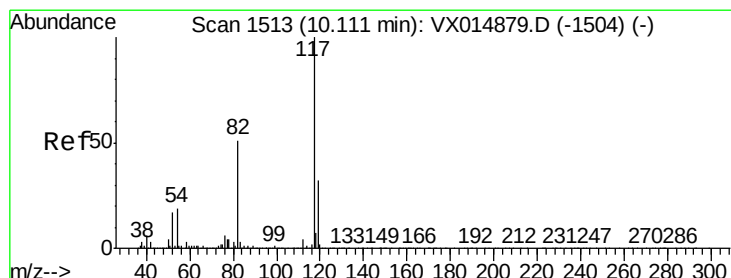
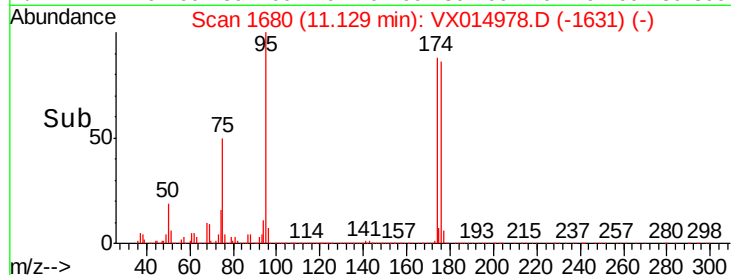
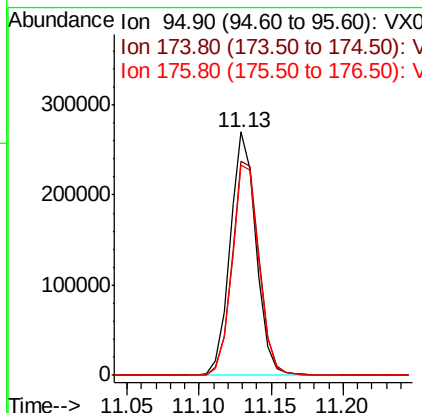
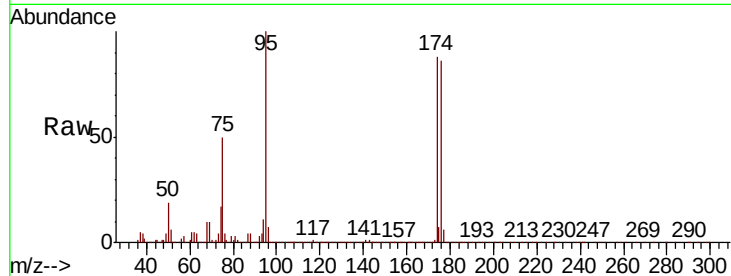




#62
4-Bromofluorobenzene
Concen: 54.624 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014978.D
Acq: 20 Feb 2020 15:22

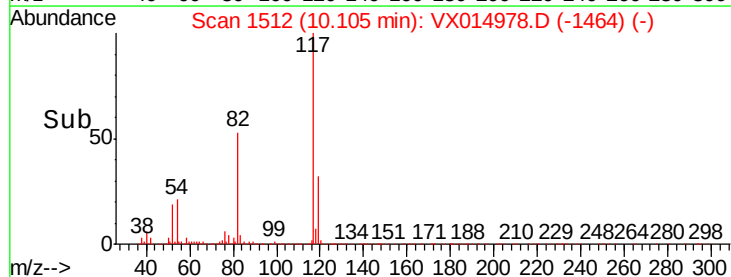
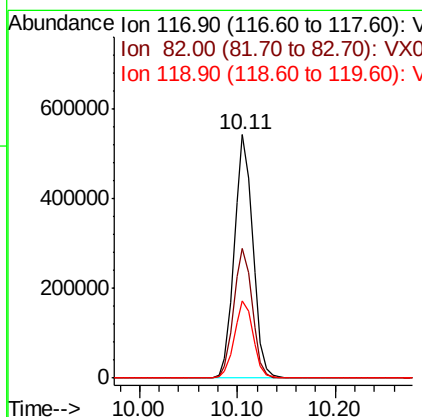
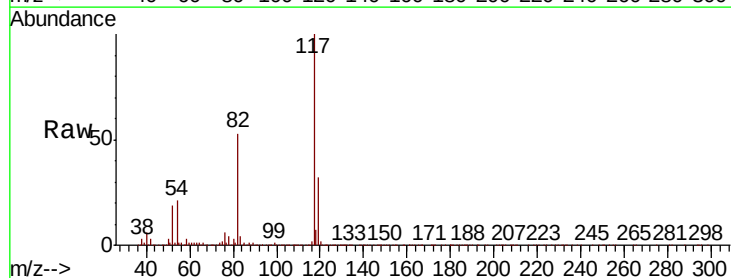
Instrument :
MSVOA_X
ClientSampleId :

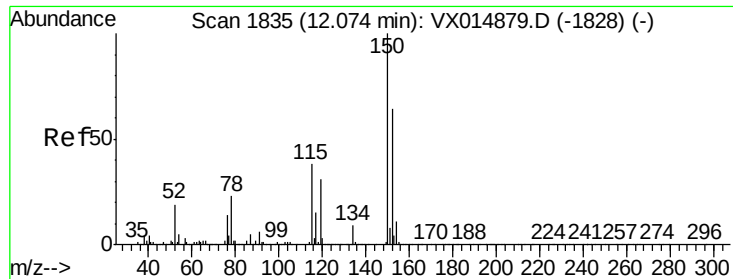
Tot Ion: 95 Resp: 340744
Ion Ratio Lower Upper
95 100
174 91.4 0.0 183.0
176 89.5 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014978.D
Acq: 20 Feb 2020 15:22

Tgt Ion: 117 Resp: 713468
Ion Ratio Lower Upper
117 100
82 53.2 40.5 60.7
119 31.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014978.D

Acq: 20 Feb 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

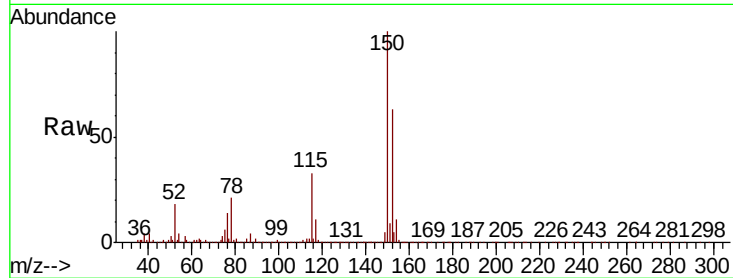
Tot Ion:152 Resp: 387643

Ion Ratio Lower Upper

152 100

115 54.5 38.6 116.0

150 156.4 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

600000

500000

400000

300000

200000

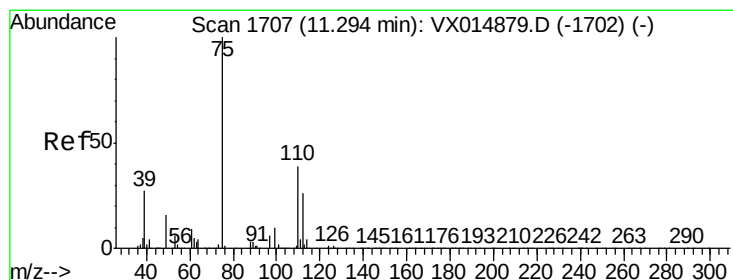
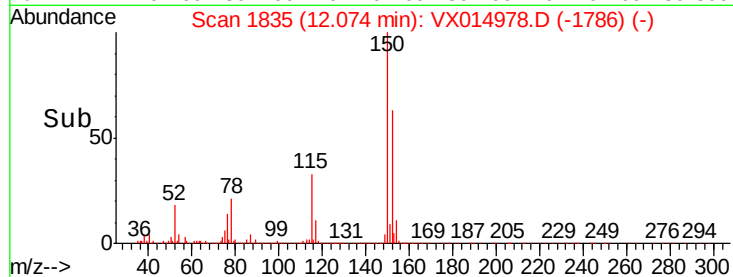
100000

0

12.00

12.10

Time-->



#76

1,2,3-Trichloropropane

Concen: 23.916 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014978.D

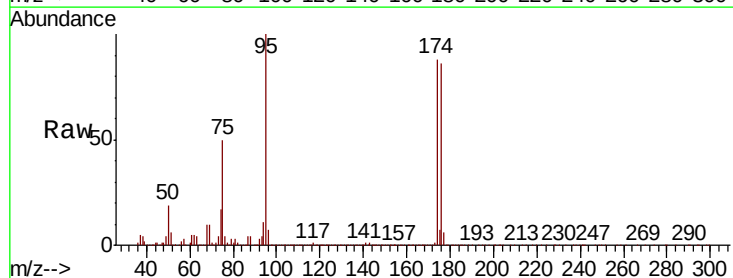
Acq: 20 Feb 2020 15:22

Tgt Ion: 75 Resp: 167649

Ion Ratio Lower Upper

75 100

77 1.4 18.4 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

150000

100000

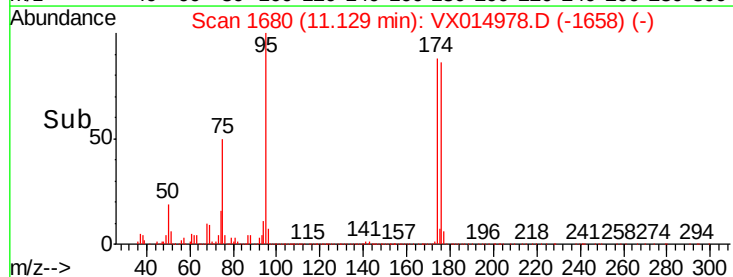
50000

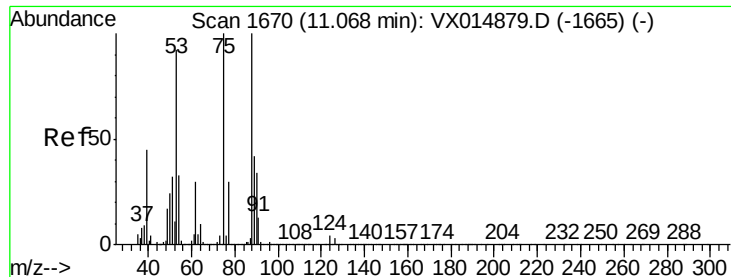
0

11.10

11.20

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 61.218 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014978.D

Acq: 20 Feb 2020 15:22

Instrument :

MSVOA_X

ClientSampleId :

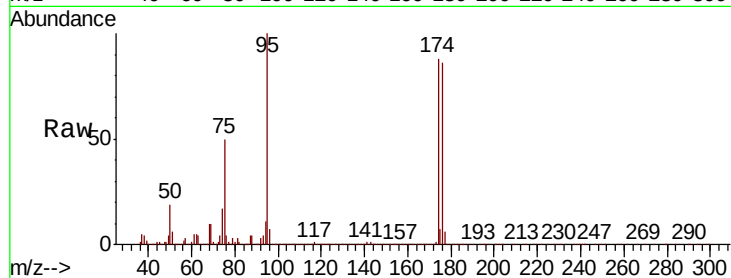
Tot Ion: 75 Resp: 167649

Ion Ratio Lower Upper

75 100

53 0.3 76.2 114.2#

89 0.1 35.8 53.6#



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

