

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013761.D
 Acq On : 04 Dec 2019 19:47
 Operator : JC/SP
 Sample : K6098-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C8-GW

Quant Time: Dec 05 01:00:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	663112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	999809	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	882494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	410037	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	363403	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	
35) Dibromofluoromethane	5.49	113	298442	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
50) Toluene-d8	8.71	98	1182380	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.14	95	401256	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	

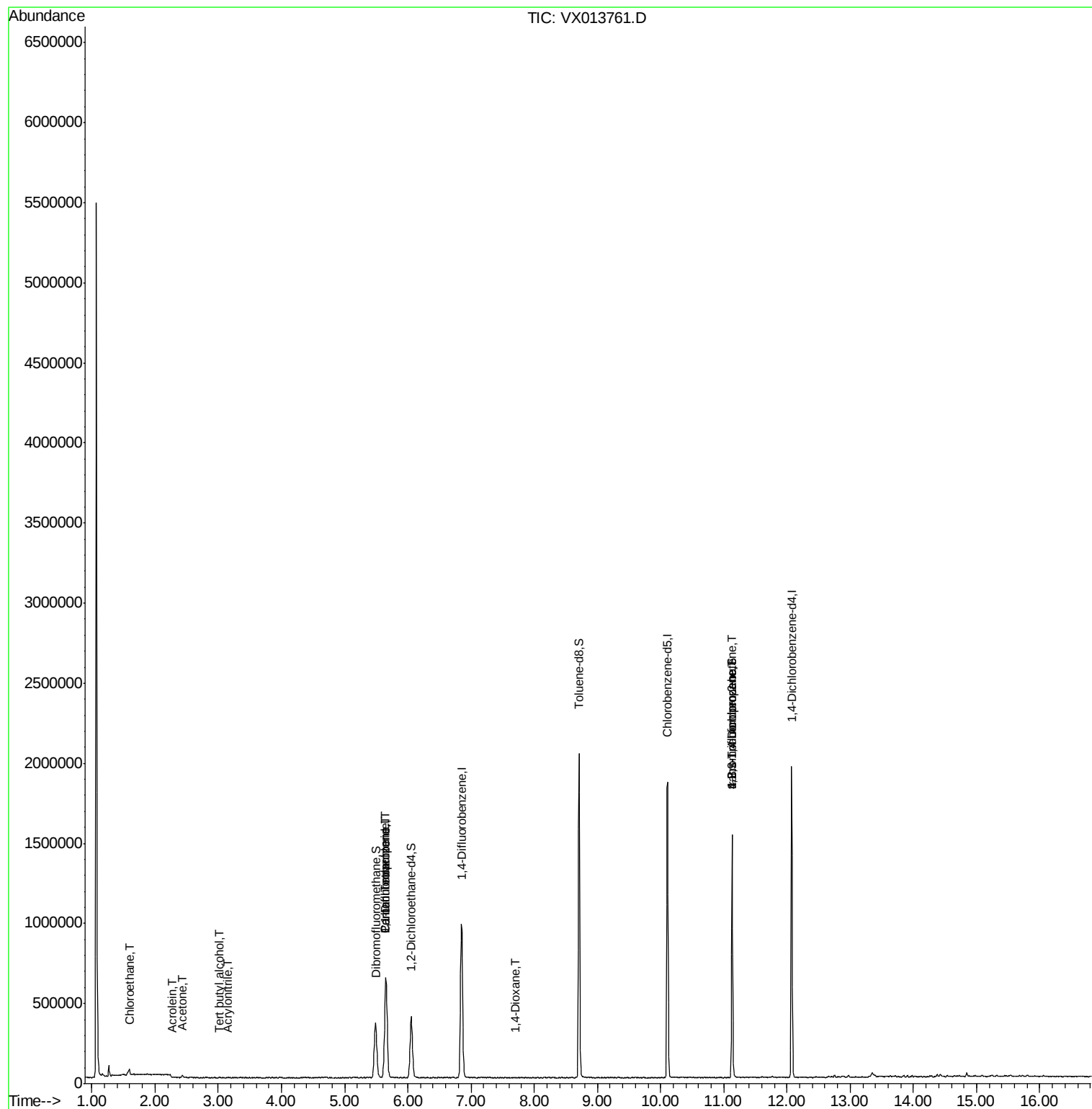
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.59	64	2422	0.457	ug/l #	78
11) Tert butyl alcohol	3.03	59	1537	0.809	ug/l #	74
13) Acrolein	2.28	56	288	6.225	ug/l #	1
15) Acrylonitrile	3.14	53	2037	0.519	ug/l #	39
16) Acetone	2.43	43	16457	4.331	ug/l	95
36) 1,1-Dichloropropene	5.65	75	42559	4.689	ug/l #	51
38) Carbon Tetrachloride	5.65	117	57495	6.870	ug/l #	16
49) 1,4-Dioxane	7.71	88	213	1.168	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	196789	21.338	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	196789	58.377	ug/l #	11

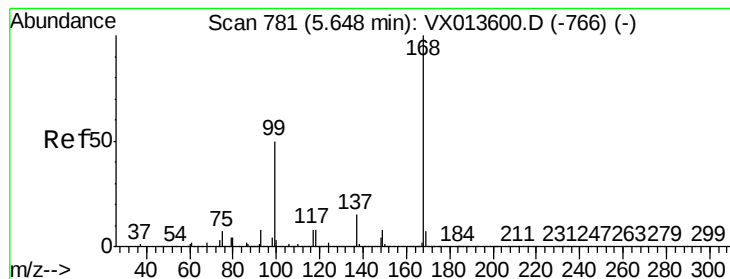
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120419\
Data File : VX013761.D
Acq On : 04 Dec 2019 19:47
Operator : JC/SP
Sample : K6098-07
Misc : 5.0mL/MSVOA X/WATER
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ClientSampleId :
OWL-C8-GW

Quant Time: Dec 05 01:00:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 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: VX013761.D

Acq: 04 Dec 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

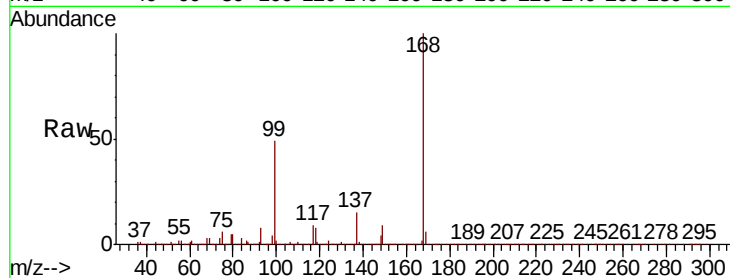
OWL-C8-GW

Tot Ion:168 Resp: 663112

Ion Ratio Lower Upper

168 100

99 48.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

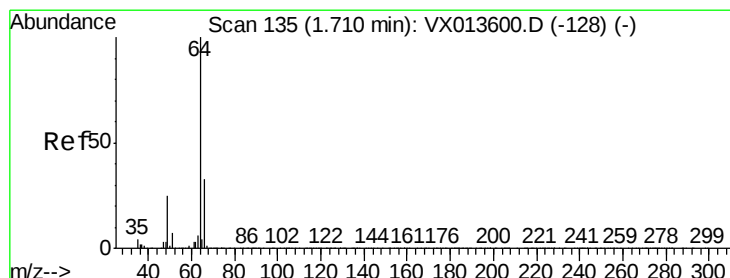
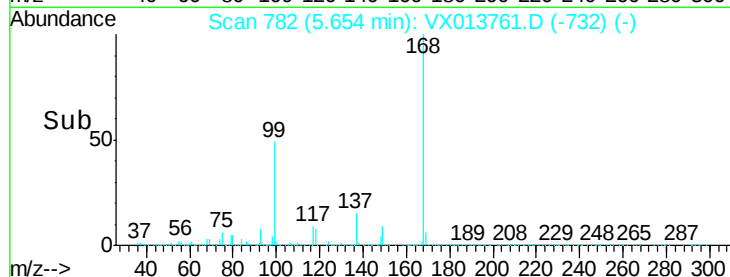
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 0.457 ug/l

RT: 1.59 min Scan# 116

Delta R.T. -0.12 min

Lab File: VX013761.D

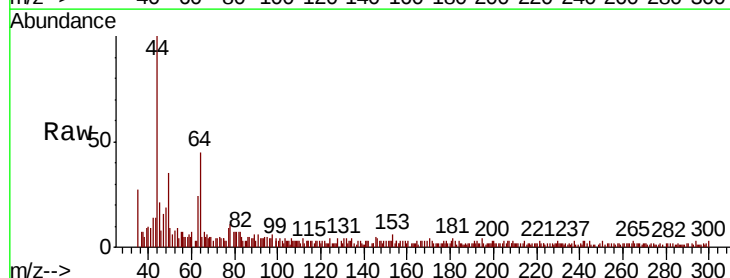
Acq: 04 Dec 2019 19:47

Tgt Ion: 64 Resp: 2422

Ion Ratio Lower Upper

64 100

66 46.0 26.7 40.1#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.59

3000

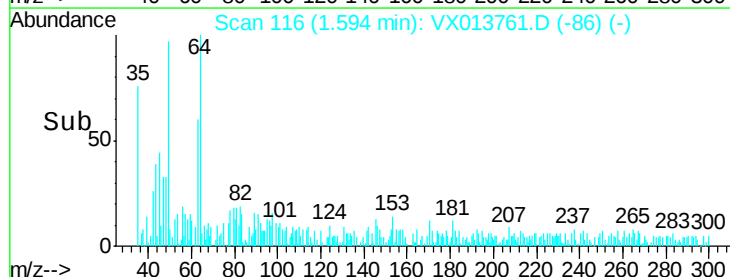
2000

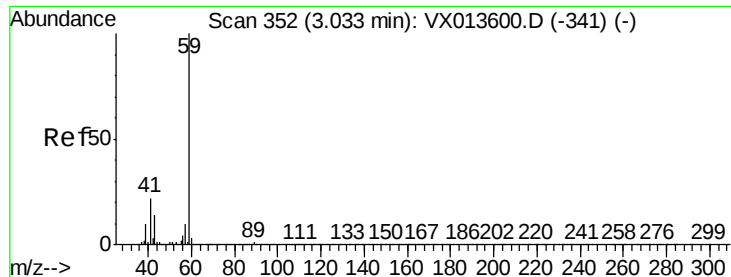
1000

0

Time-->

1.55 1.60



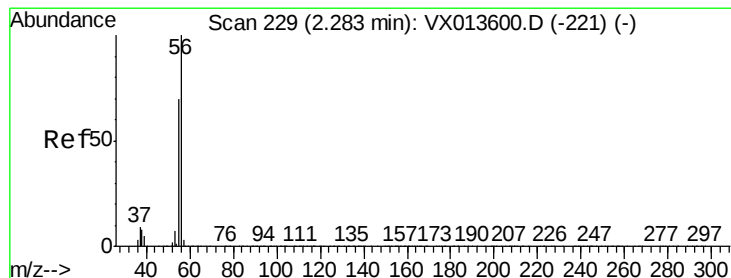
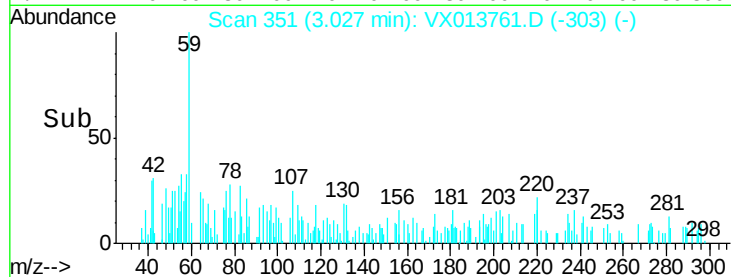
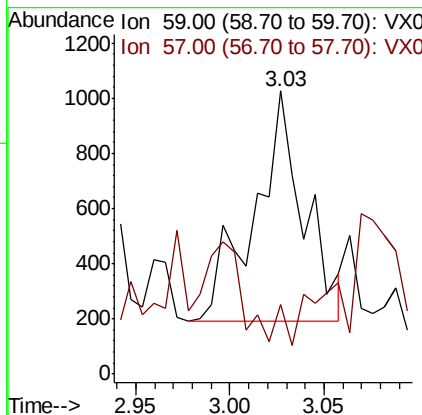
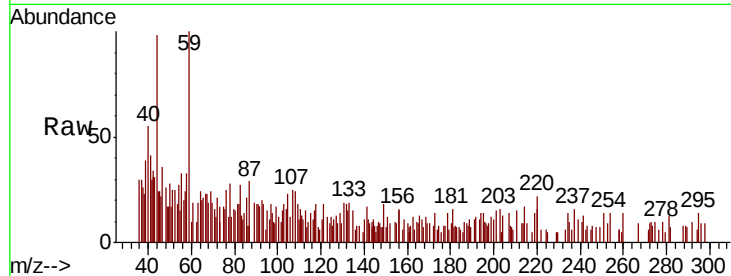


#11

Tert butvl alcohol
Concen: 0.809 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013761.D
Acq: 04 Dec 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
OWL-C8-GW

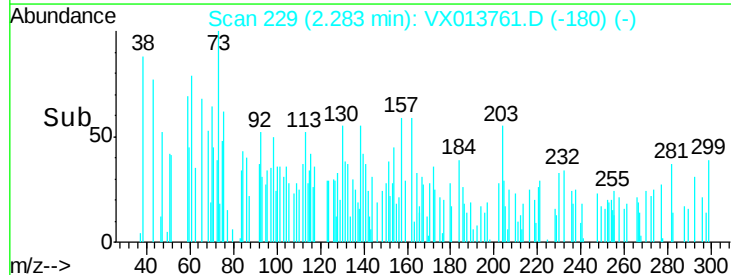
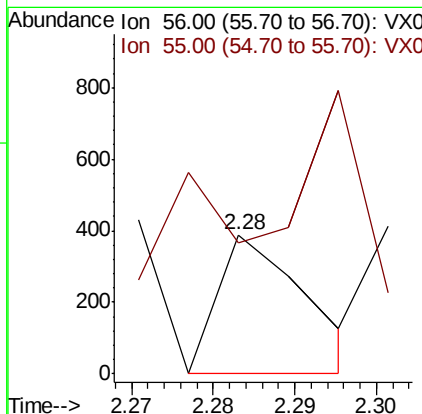
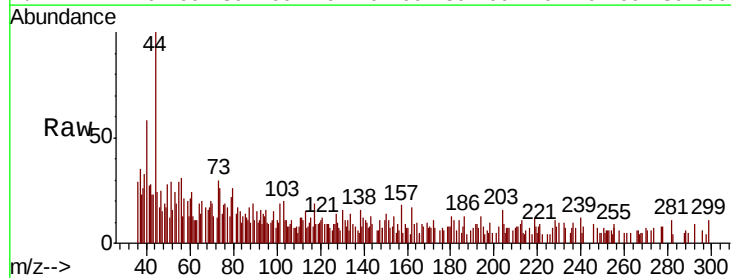
Tot Ion: 59 Resp: 1537
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

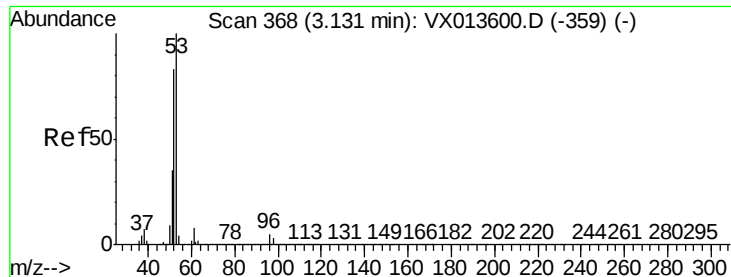


#13

Acrolein
Concen: 6.225 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013761.D
Acq: 04 Dec 2019 19:47

Tgt Ion: 56 Resp: 288
Ion Ratio Lower Upper
56 100
55 183.7 56.2 84.4#





#15

Acrylonitrile

Concen: 0.519 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.01 min

Lab File: VX013761.D

Acq: 04 Dec 2019 19:47

Instrument :

MSVOA_X

ClientSampled :

OWL-C8-GW

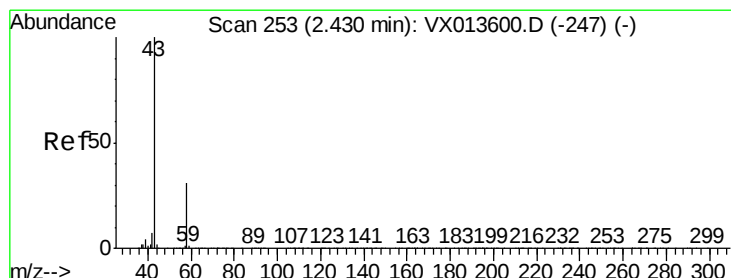
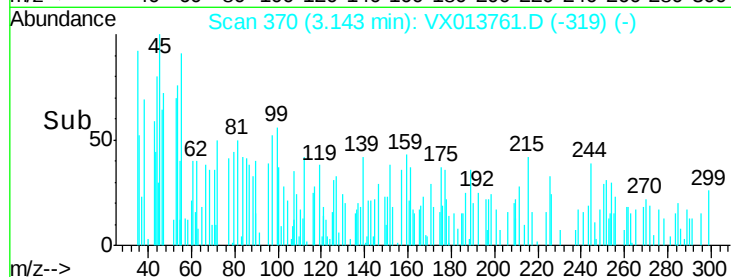
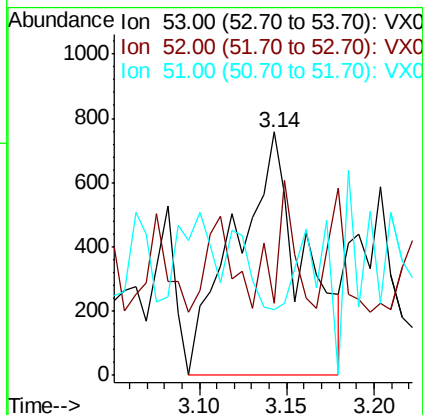
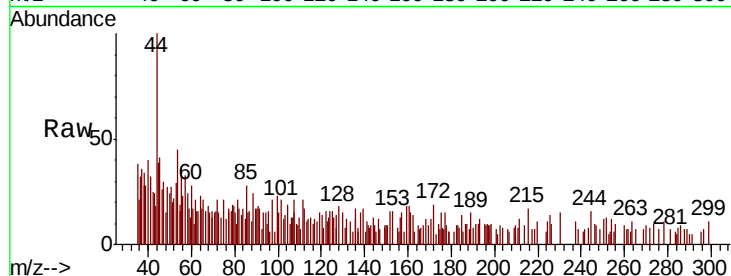
Tot Ion: 53 Resp: 2037

Ion Ratio Lower Upper

53 100

52 28.2 66.2 99.2#

51 0.0 29.0 43.6#



#16

Acetone

Concen: 4.331 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013761.D

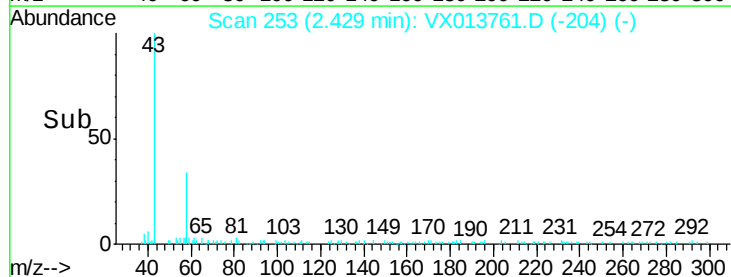
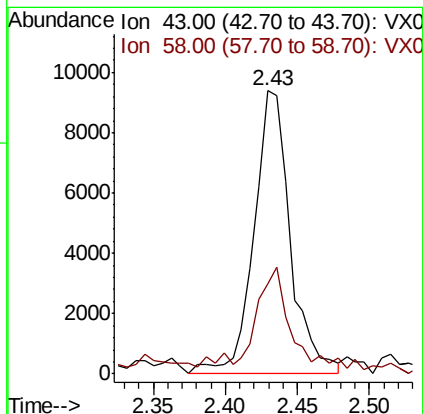
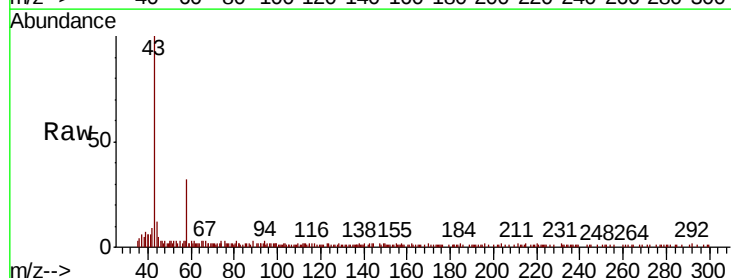
Acq: 04 Dec 2019 19:47

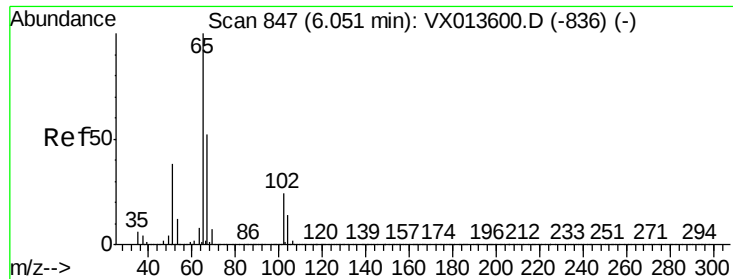
Tgt Ion: 43 Resp: 16457

Ion Ratio Lower Upper

43 100

58 28.1 24.6 36.8





#33

1,2-Dichloroethane-d4

Concen: 47.212 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013761.D

Acq: 04 Dec 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

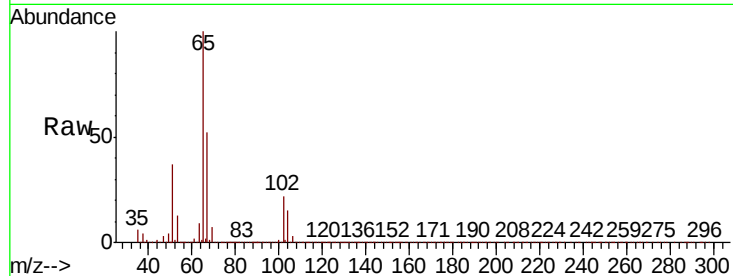
OWL-C8-GW

Tot Ion: 65 Resp: 363403

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

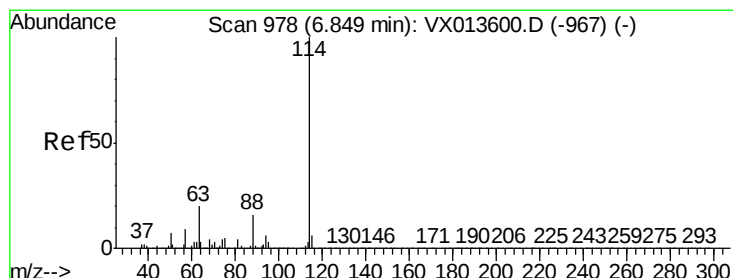
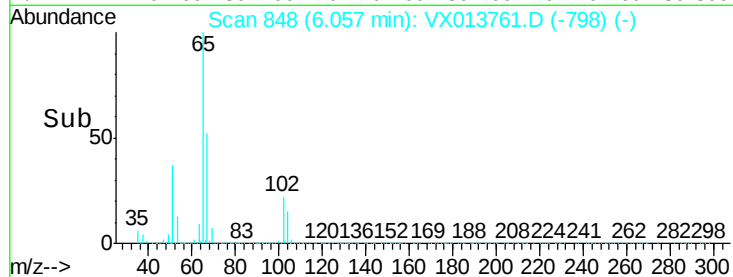
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013761.D

Acq: 04 Dec 2019 19:47

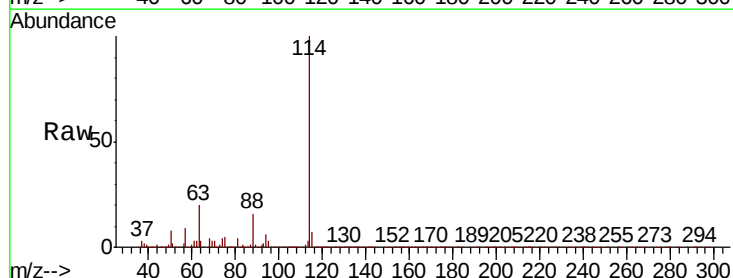
Tgt Ion: 114 Resp: 999809

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.7 0.0 31.4



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

6.85

500000

400000

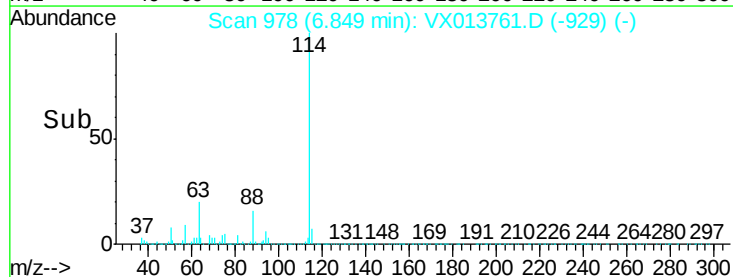
300000

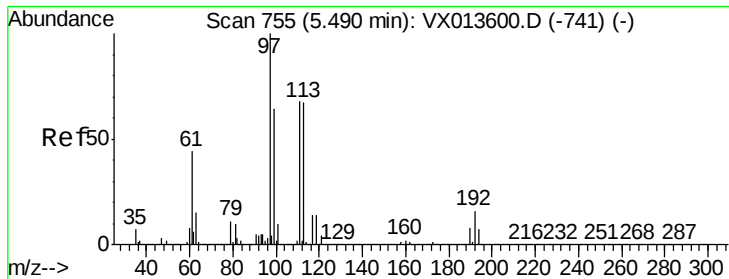
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.284 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013761.D

Acq: 04 Dec 2019 19:47

Instrument :

MSVOA_X

ClientSampled :

OWL-C8-GW

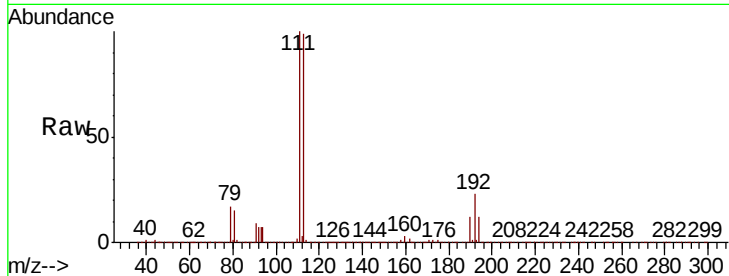
Tot Ion:113 Resp: 298442

Ion Ratio Lower Upper

113 100

111 102.2 83.6 125.4

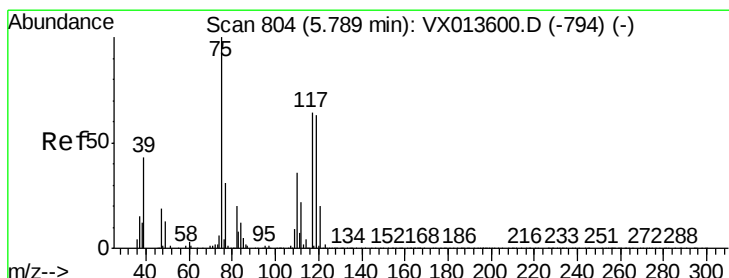
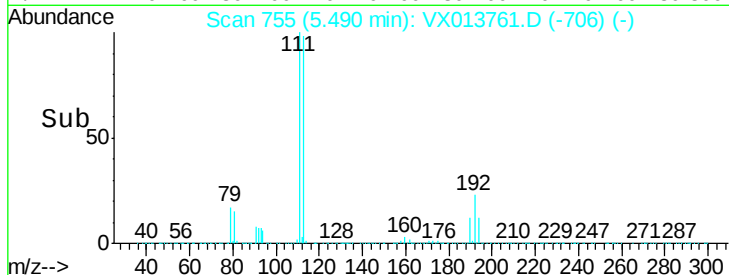
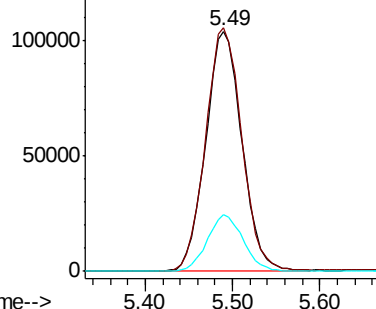
192 23.2 19.2 28.8



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: 4.689 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013761.D

Acq: 04 Dec 2019 19:47

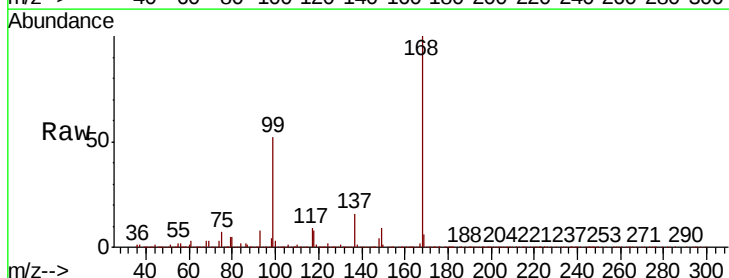
Tgt Ion: 75 Resp: 42559

Ion Ratio Lower Upper

75 100

110 10.4 18.1 54.1#

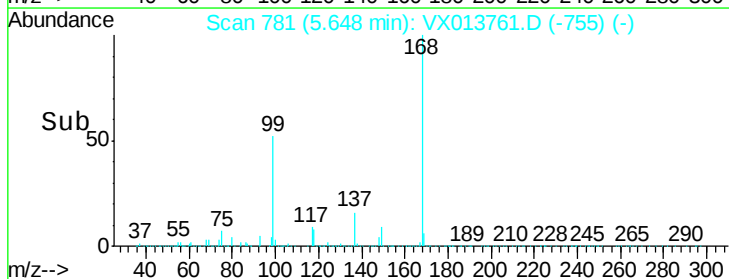
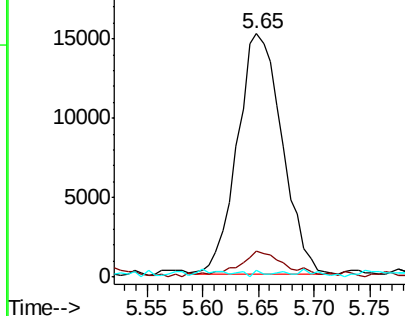
77 0.7 24.5 36.7#

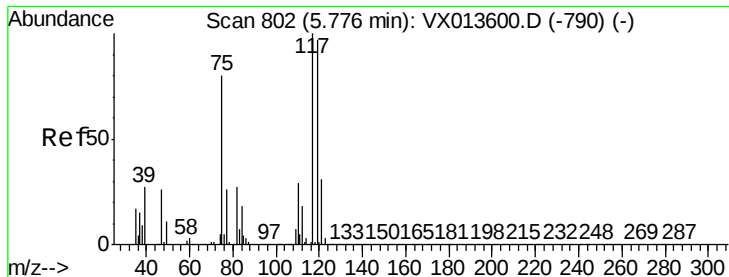


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

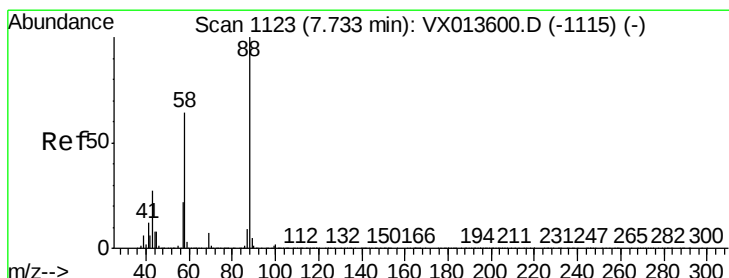
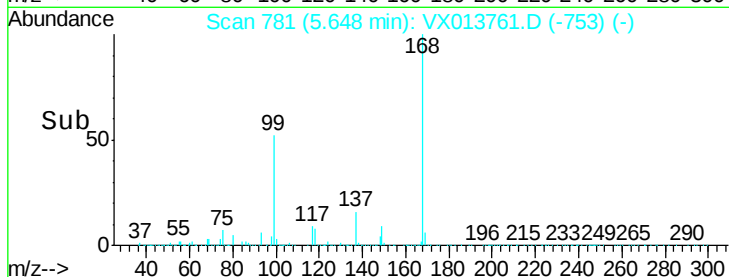
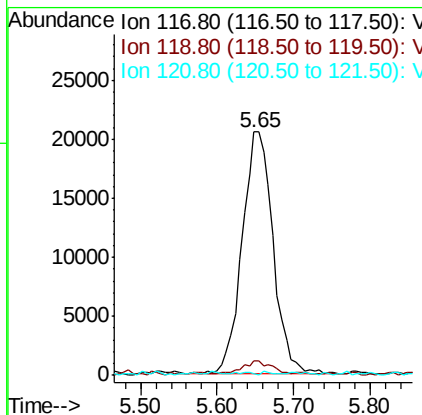
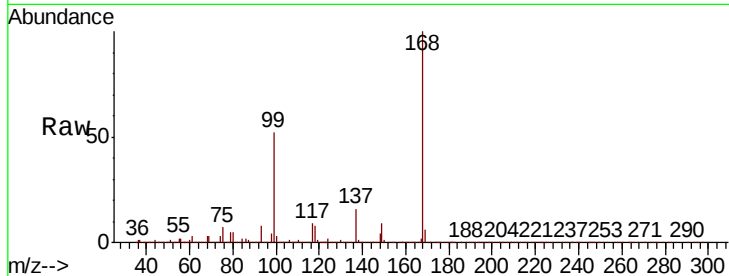




#38
Carbon Tetrachloride
Concen: 6.870 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013761.D
Acq: 04 Dec 2019 19:47

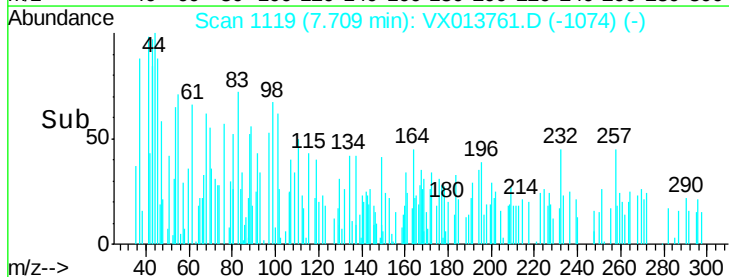
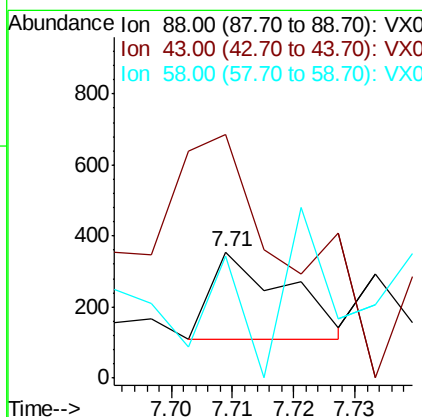
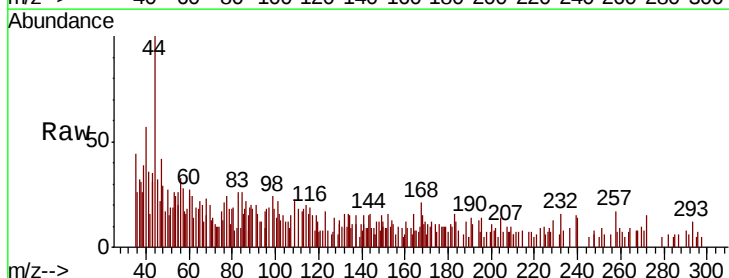
Instrument :
MSVOA_X
ClientSampled :
OWL-C8-GW

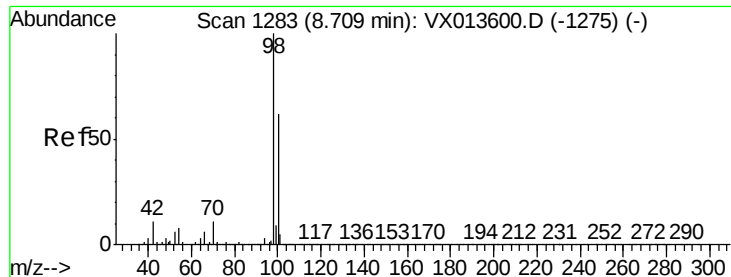
Tot Ion: 117 Resp: 57495
Ion Ratio Lower Upper
117 100
119 5.3 77.5 116.3#
121 0.2 25.0 37.6#



#49
1,4-Dioxane
Concen: 1.168 ug/l
RT: 7.71 min Scan# 1119
Delta R.T. -0.02 min
Lab File: VX013761.D
Acq: 04 Dec 2019 19:47

Tgt Ion: 88 Resp: 213
Ion Ratio Lower Upper
88 100
43 530.0 25.8 38.6#
58 59.2 54.6 82.0





#50

Toluene-d8

Concen: 49.099 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013761.D

Acq: 04 Dec 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

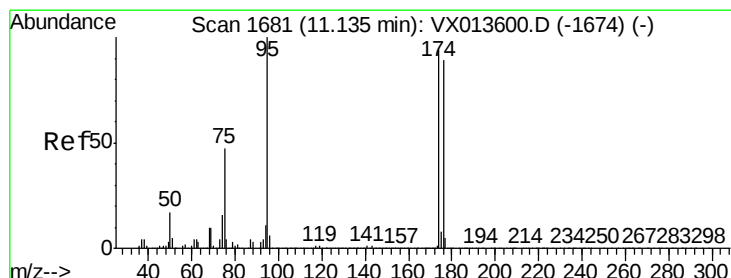
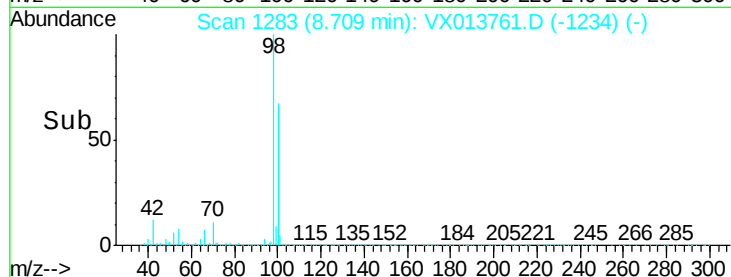
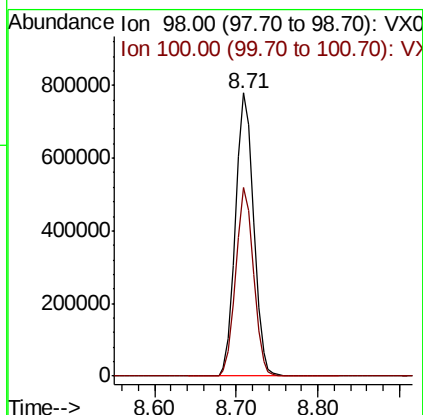
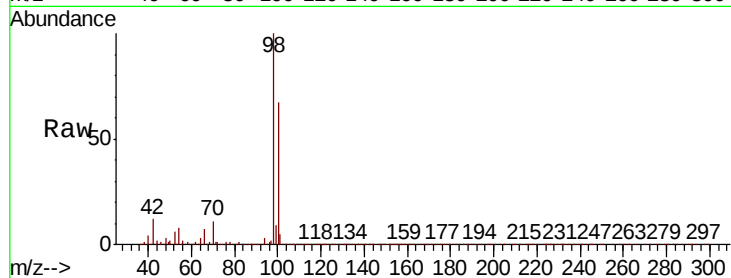
OWL-C8-GW

Tot Ion: 98 Resp: 1182380

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.207 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013761.D

Acq: 04 Dec 2019 19:47

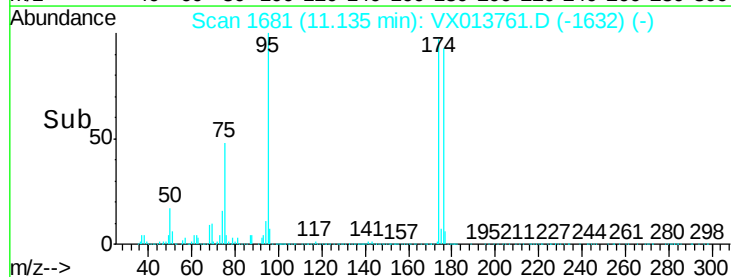
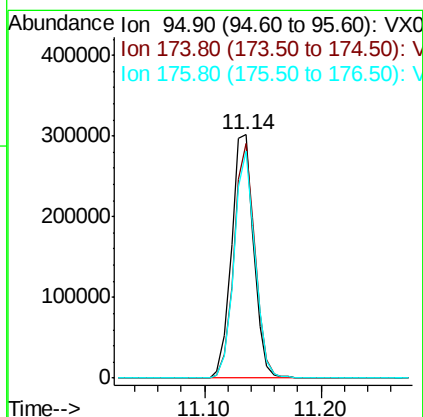
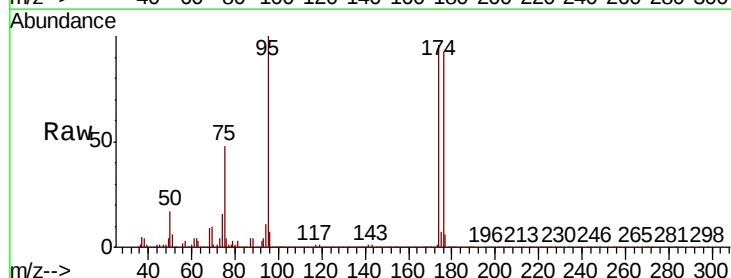
Tgt Ion: 95 Resp: 401256

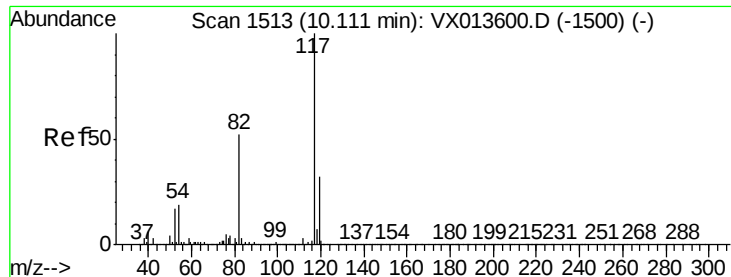
Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.0

176 87.9 0.0 173.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013761.D

Acq: 04 Dec 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

OWL-C8-GW

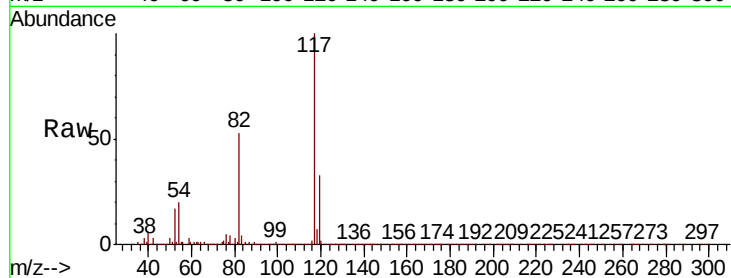
Tot Ion:117 Resp: 882494

Ion Ratio Lower Upper

117 100

82 52.6 41.8 62.8

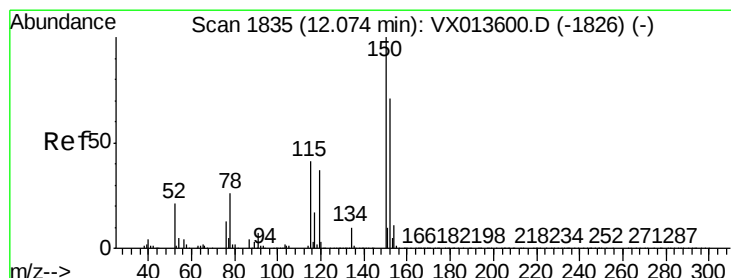
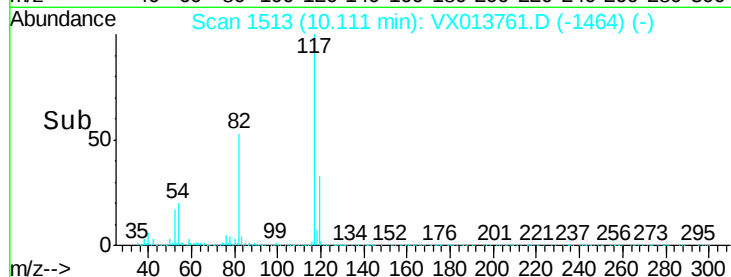
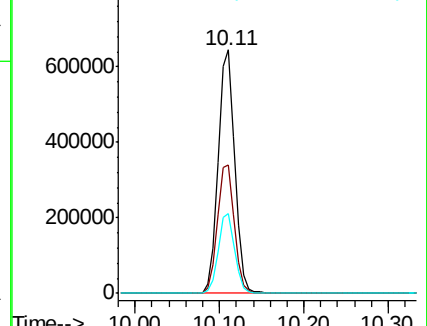
119 32.5 25.8 38.8



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: VX013761.D

Acq: 04 Dec 2019 19:47

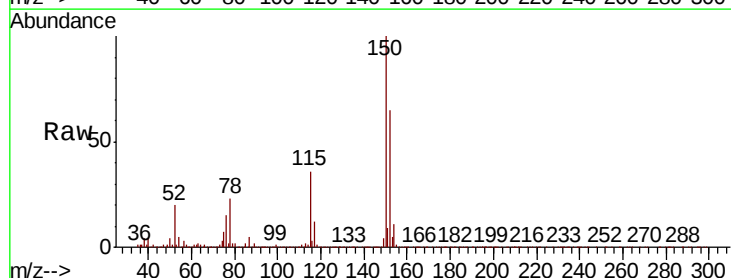
Tgt Ion:152 Resp: 410037

Ion Ratio Lower Upper

152 100

115 55.2 38.4 115.1

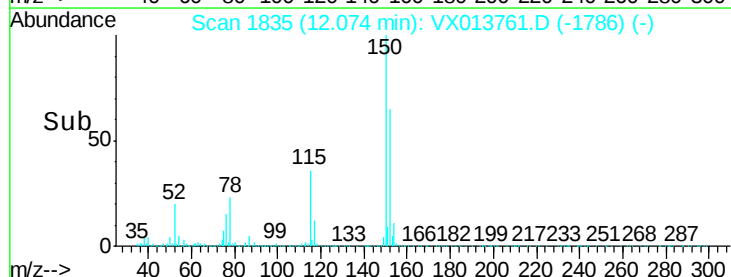
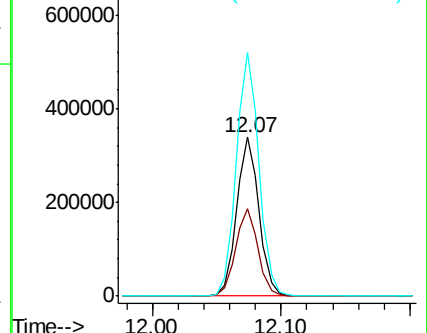
150 156.1 0.0 346.8

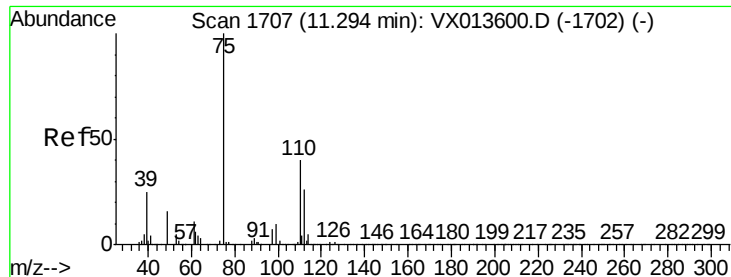


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 21.338 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013761.D

Acq: 04 Dec 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

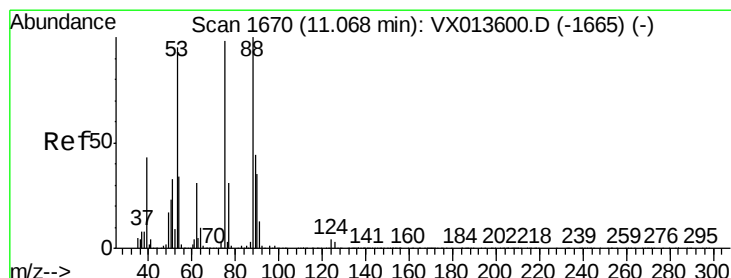
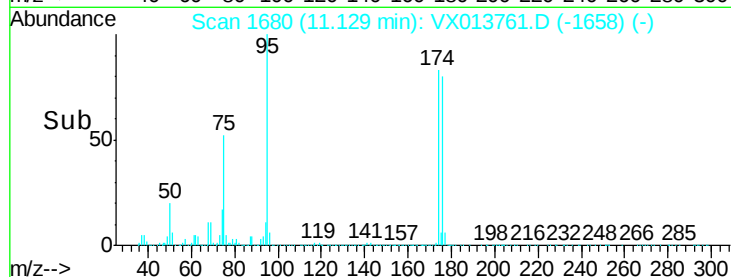
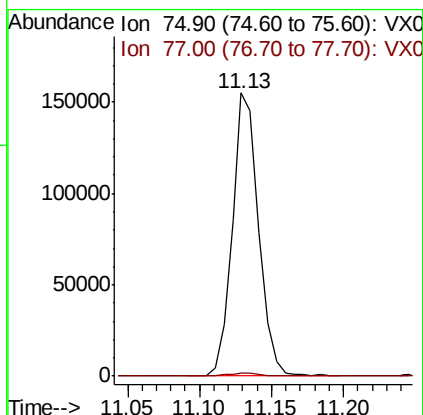
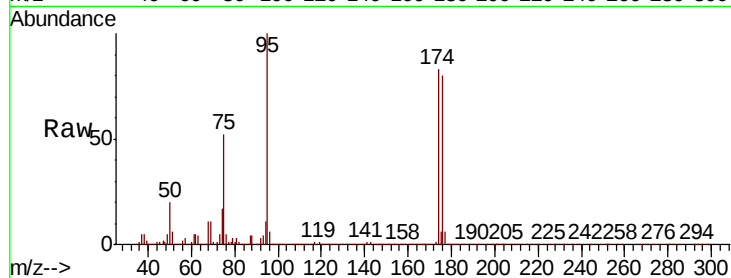
OWL-C8-GW

Tot Ion: 75 Resp: 196789

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 58.377 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013761.D

Acq: 04 Dec 2019 19:47

Tgt Ion: 75 Resp: 196789

Ion Ratio Lower Upper

75 100

53 0.4 78.2 117.2#

89 0.2 35.4 53.2#

