

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013757.D
 Acq On : 04 Dec 2019 18:14
 Operator : JC/SP
 Sample : K6098-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C4-GW

Quant Time: Dec 05 04:11:58 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	681229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1025685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	915712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	432274	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	372019	47.05	ug/l	0.00
Spiked Amount			Recovery	=	94.10%	
35) Dibromofluoromethane	5.49	113	306528	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
50) Toluene-d8	8.71	98	1216226	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.14	95	422887	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	

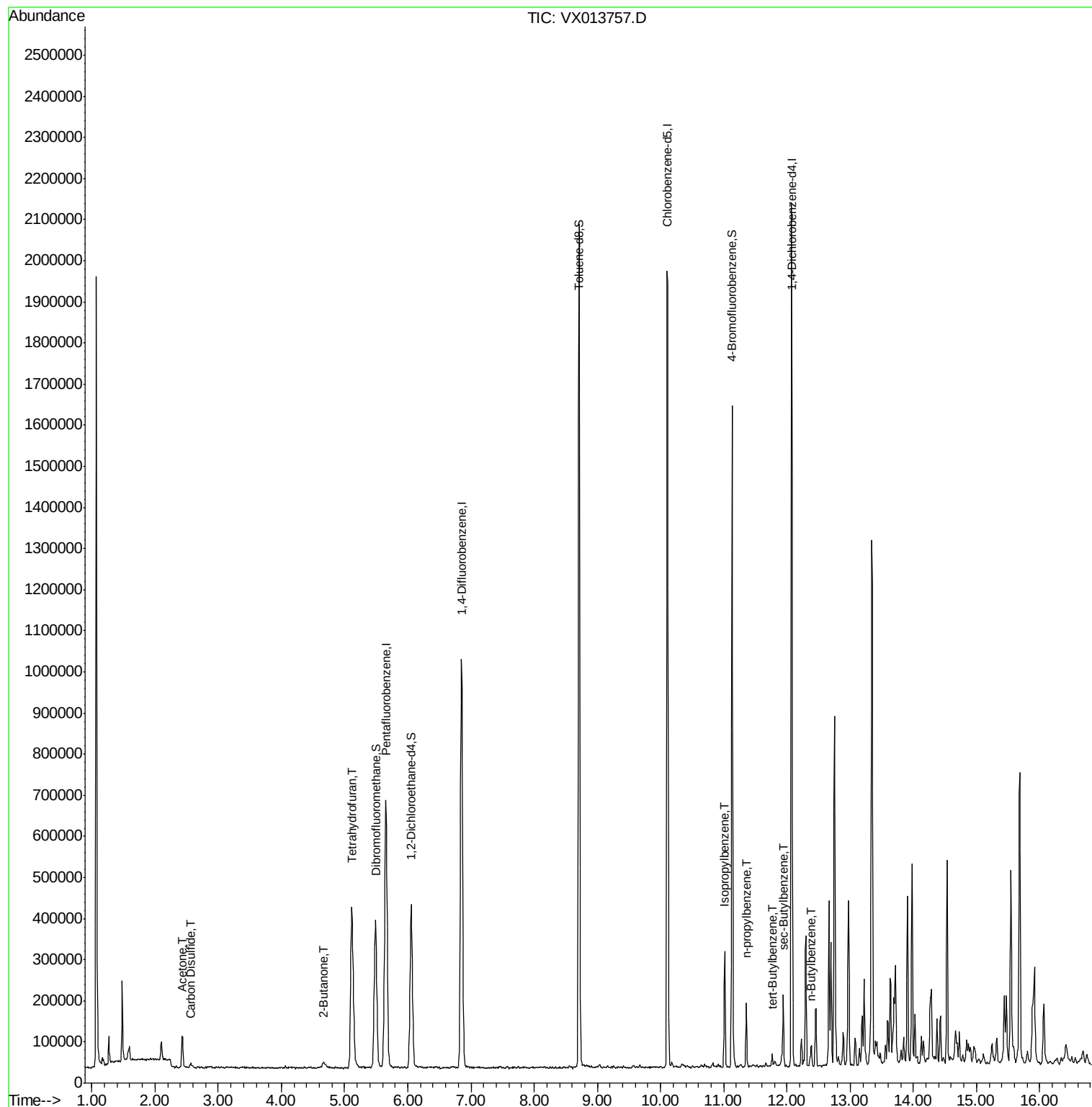
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	86566	22.173	ug/l	99
17) Carbon Disulfide	2.56	76	13972	0.756	ug/l	96
25) 2-Butanone	4.67	43	27056	4.663	ug/l	97
29) Tetrahydrofuran	5.11	42	370241	103.510	ug/l	100
73) Isopropylbenzene	11.01	105	147017	4.848	ug/l	100
78) n-propylbenzene	11.35	91	98516	2.910	ug/l	99
83) tert-Butylbenzene	11.77	119	11718	0.464	ug/l	81
85) sec-Butylbenzene	11.94	105	92796	3.217	ug/l	88
89) n-Butylbenzene	12.39	91	21724	0.949	ug/l	93

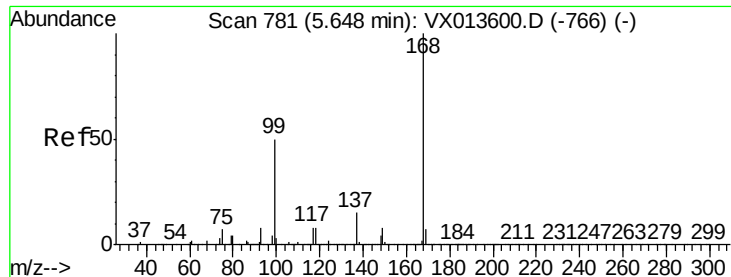
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120419\
Data File : VX013757.D
Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6098-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWL-C4-GW

Quant Time: Dec 05 04:11:58 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: VX013757.D

Acq: 04 Dec 2019 18:14

Instrument :

MSVOA_X

ClientSampled :

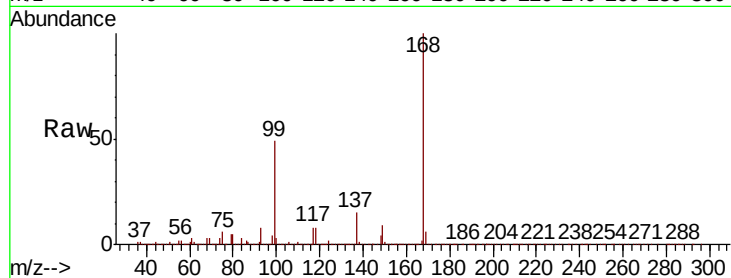
OWL-C4-GW

Tot Ion:168 Resp: 681229

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

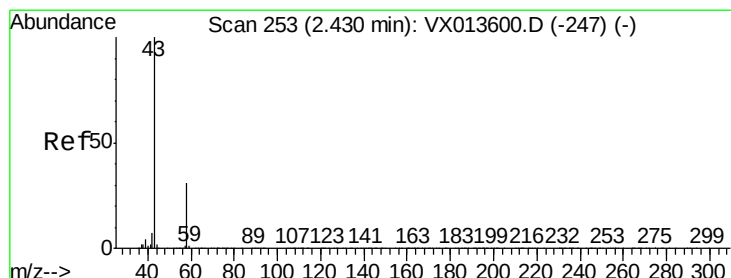
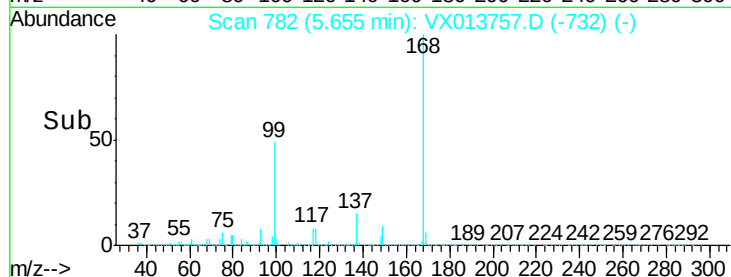
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 22.173 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013757.D

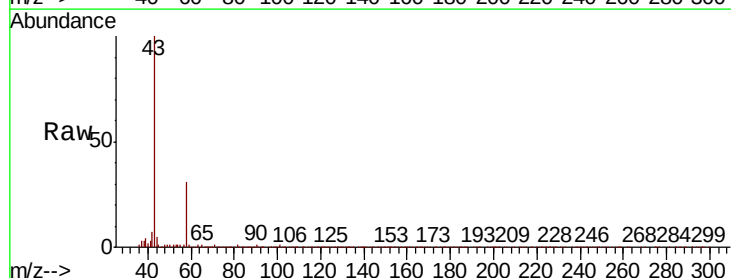
Acq: 04 Dec 2019 18:14

Tgt Ion: 43 Resp: 86566

Ion Ratio Lower Upper

43 100

58 30.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

60000

50000

40000

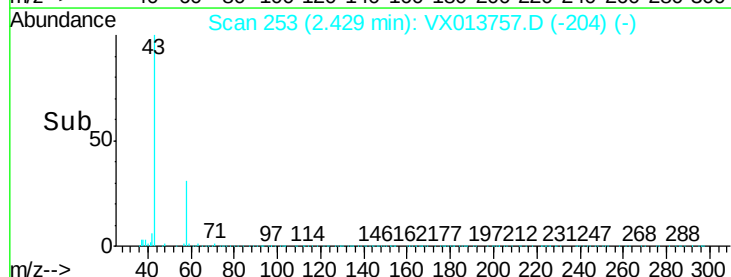
30000

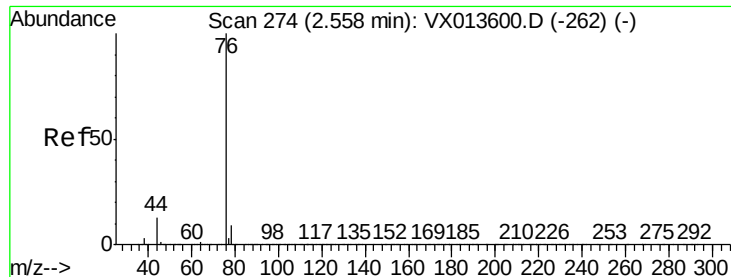
20000

10000

0

Time-->





#17

Carbon Disulfide

Concen: 0.756 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX013757.D

Acq: 04 Dec 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

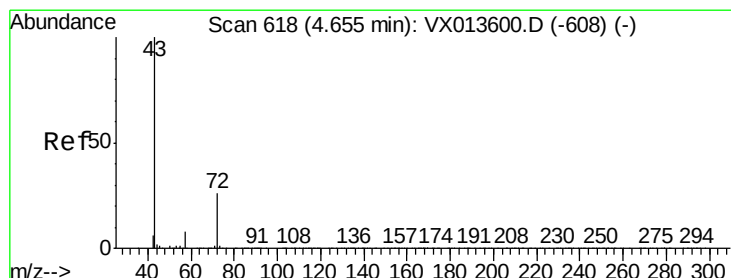
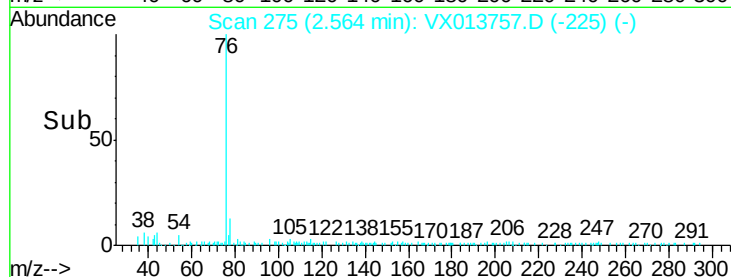
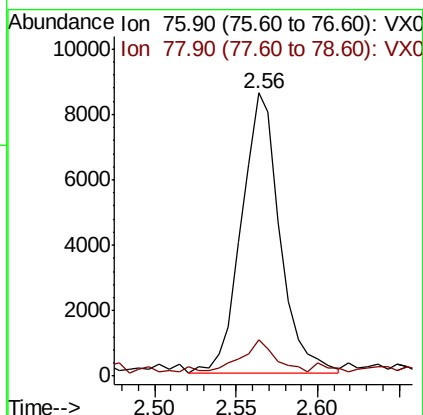
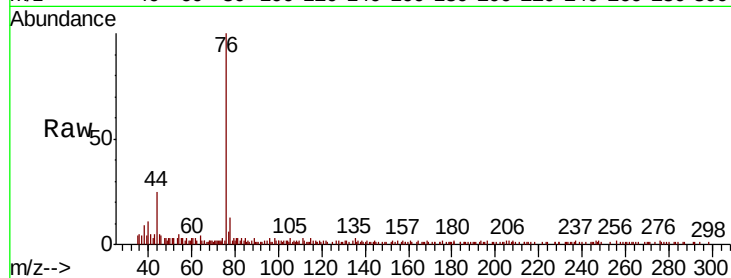
OWL-C4-GW

Tot Ion: 76 Resp: 13972

Ion Ratio Lower Upper

76 100

78 10.3 7.2 10.8



#25

2-Butanone

Concen: 4.663 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX013757.D

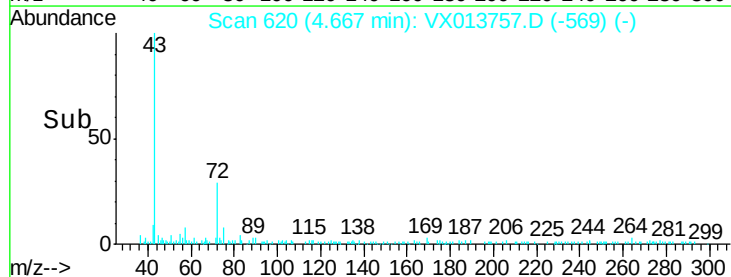
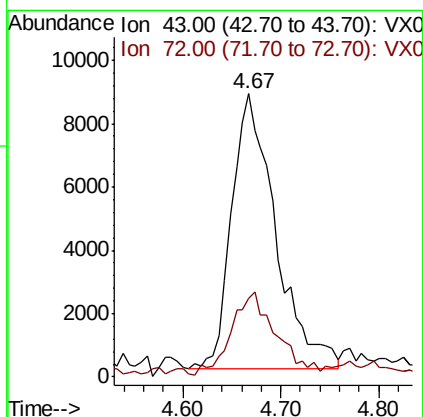
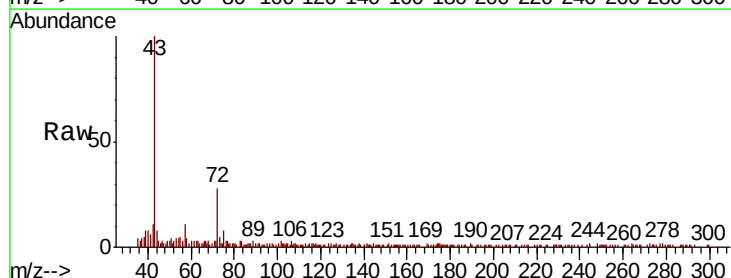
Acq: 04 Dec 2019 18:14

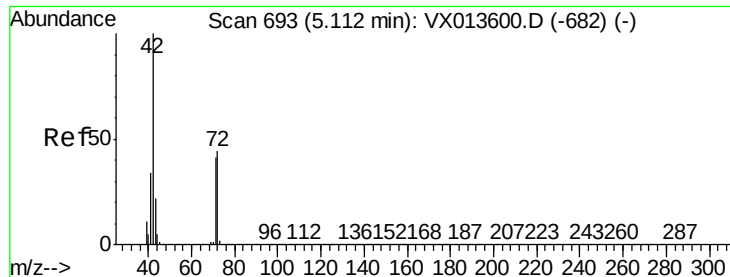
Tgt Ion: 43 Resp: 27056

Ion Ratio Lower Upper

43 100

72 27.3 20.6 31.0





#29

Tetrahydrofuran

Concen: 103.510 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013757.D

Acq: 04 Dec 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

OWL-C4-GW

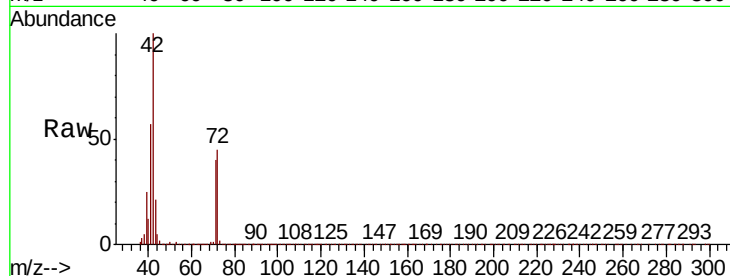
Tot Ion: 42 Resp: 370241

Ion Ratio Lower Upper

42 100

72 45.3 36.3 54.5

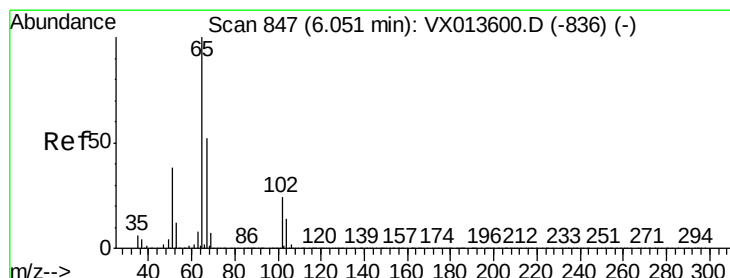
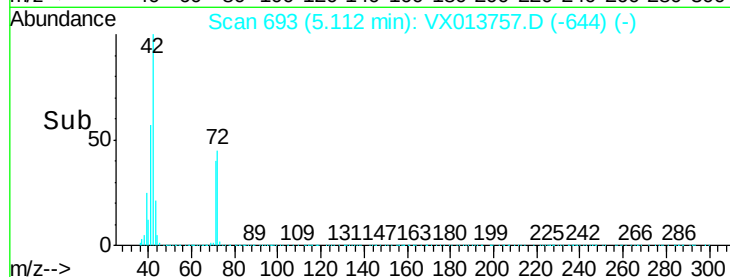
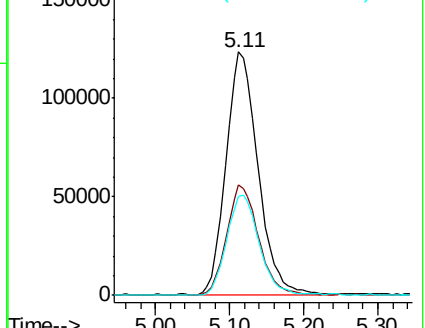
71 41.9 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.046 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013757.D

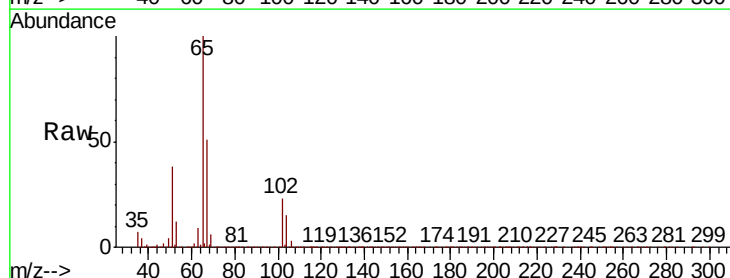
Acq: 04 Dec 2019 18:14

Tgt Ion: 65 Resp: 372019

Ion Ratio Lower Upper

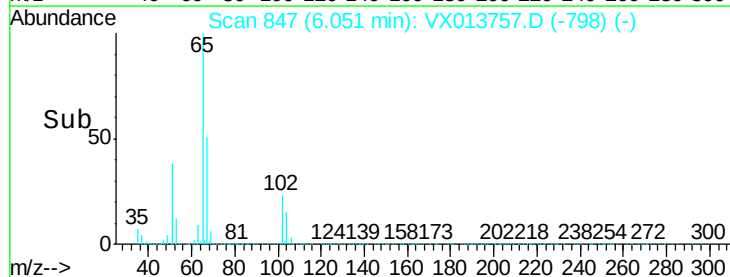
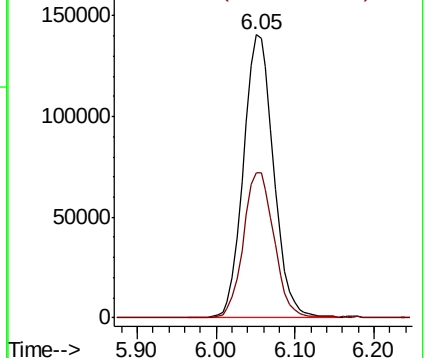
65 100

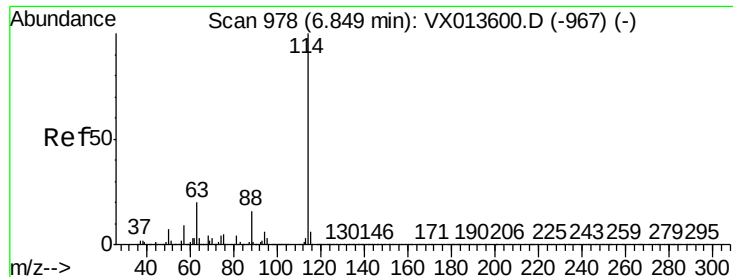
67 51.9 0.0 104.4



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: VX013757.D

Acq: 04 Dec 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

OWL-C4-GW

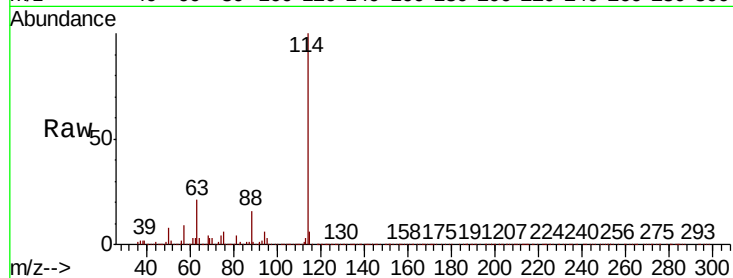
Tot Ion:114 Resp: 1025685

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

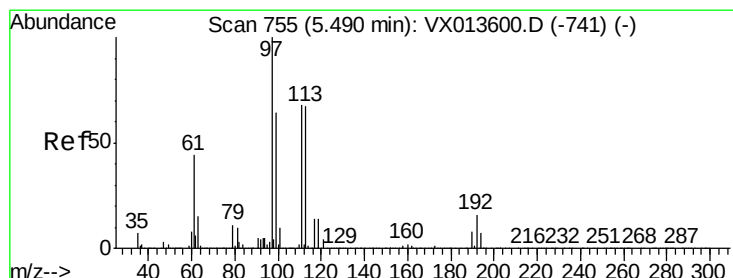
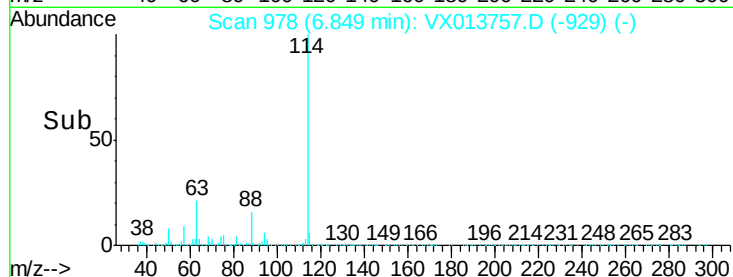
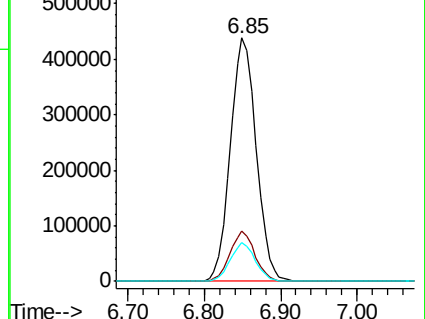
88 16.0 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 48.341 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013757.D

Acq: 04 Dec 2019 18:14

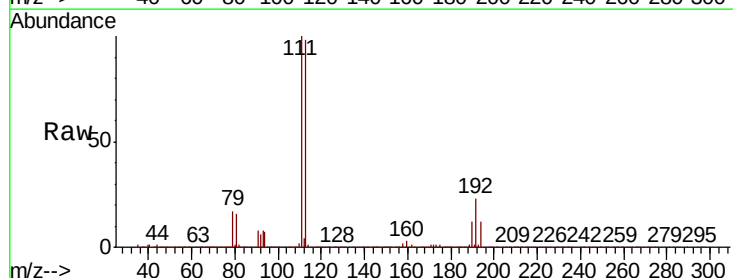
Tgt Ion:113 Resp: 306528

Ion Ratio Lower Upper

113 100

111 103.0 83.6 125.4

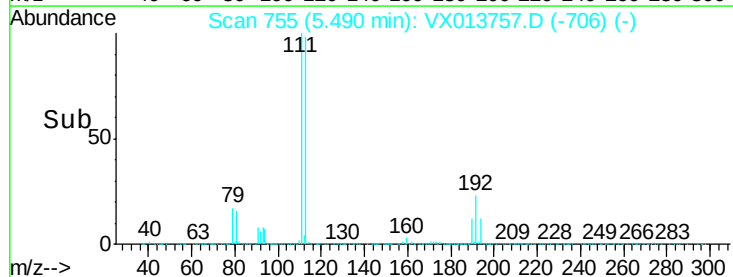
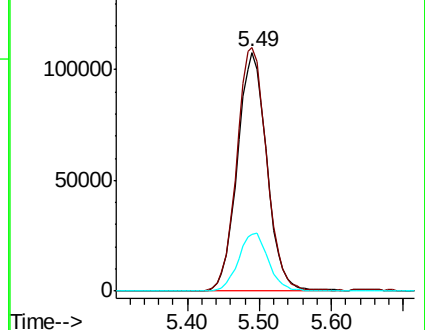
192 24.7 19.2 28.8

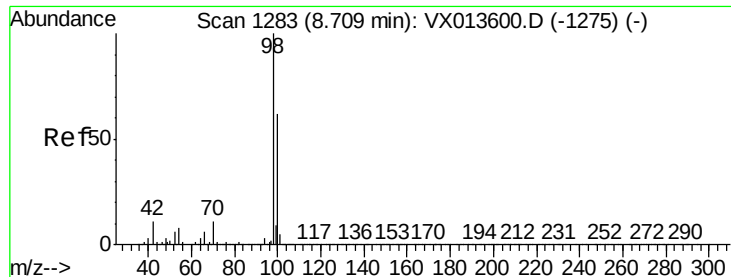


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

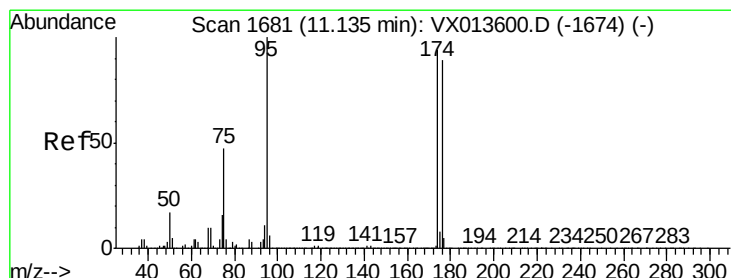
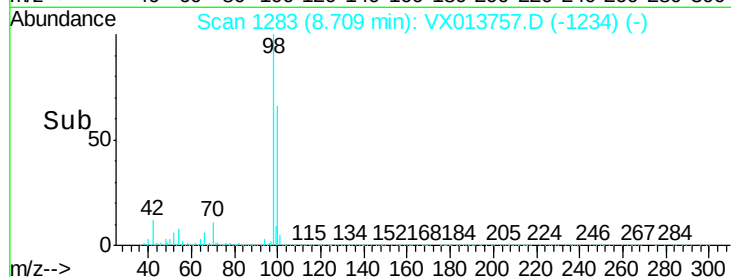
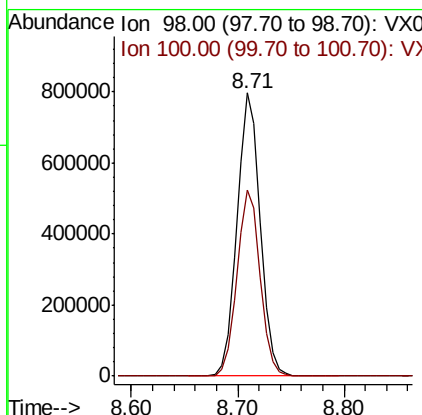
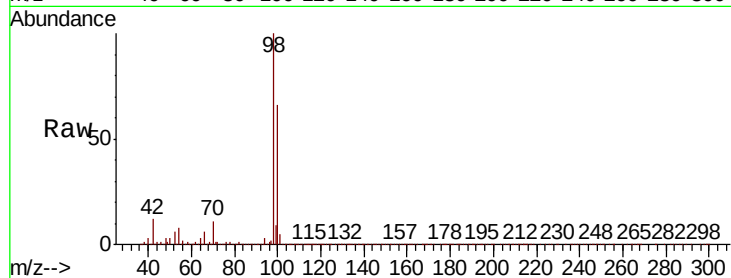




#50
Toluene-d8
Concen: 49.230 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013757.D
Acq: 04 Dec 2019 18:14

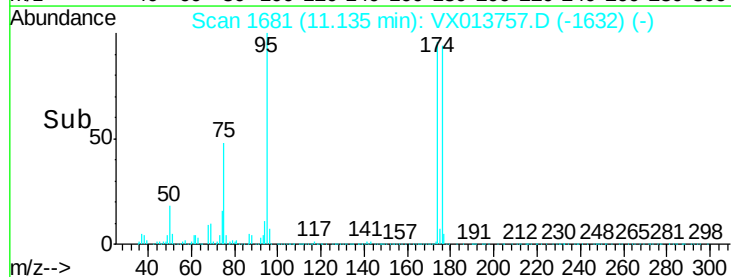
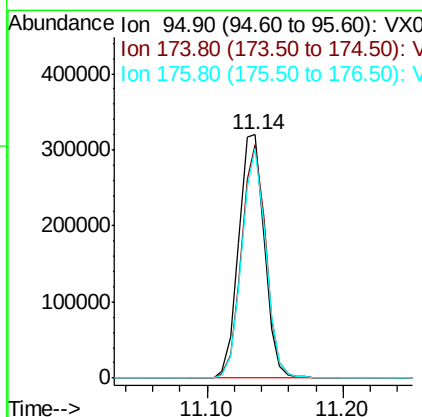
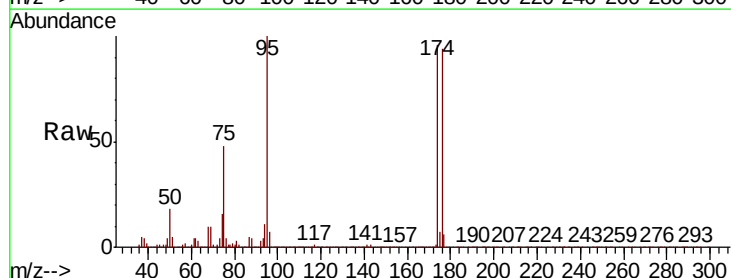
Instrument :
MSVOA_X
ClientSampleId :
OWL-C4-GW

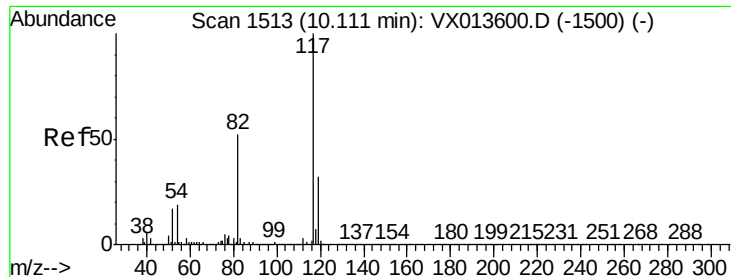
Tot Ion: 98 Resp: 1216226
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.469 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013757.D
Acq: 04 Dec 2019 18:14

Tgt Ion: 95 Resp: 422887
Ion Ratio Lower Upper
95 100
174 90.6 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: VX013757.D

Acq: 04 Dec 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

OWL-C4-GW

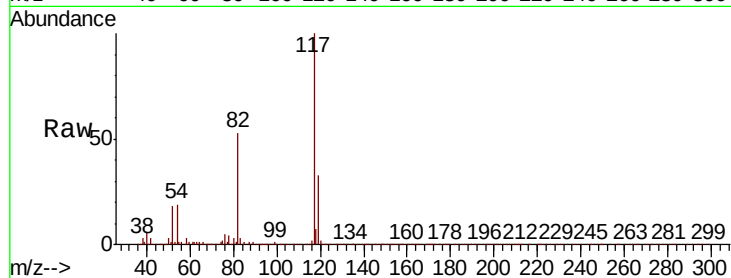
Tot Ion:117 Resp: 915712

Ion Ratio Lower Upper

117 100

82 53.1 41.8 62.8

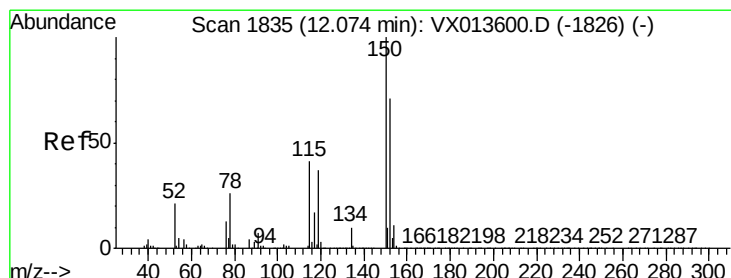
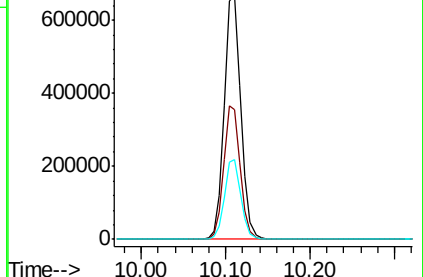
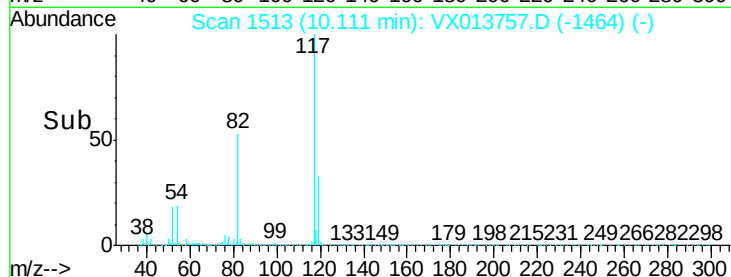
119 32.6 25.8 38.8



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: VX013757.D

Acq: 04 Dec 2019 18:14

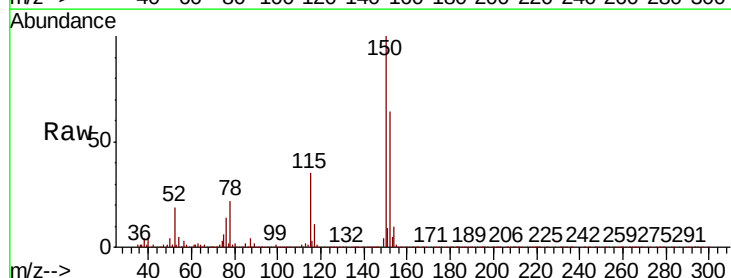
Tgt Ion:152 Resp: 432274

Ion Ratio Lower Upper

152 100

115 55.7 38.4 115.1

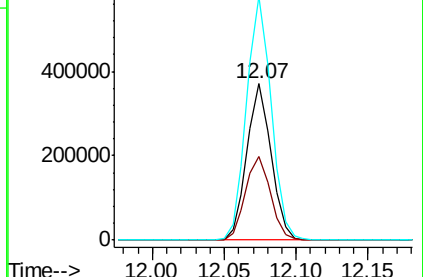
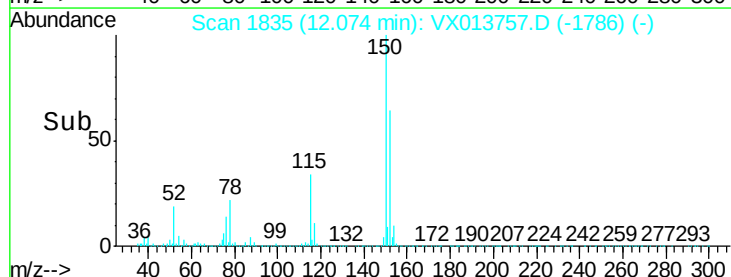
150 158.2 0.0 346.8

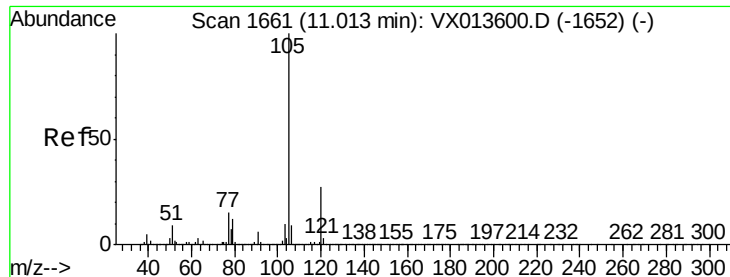


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.848 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013757.D

Acq: 04 Dec 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

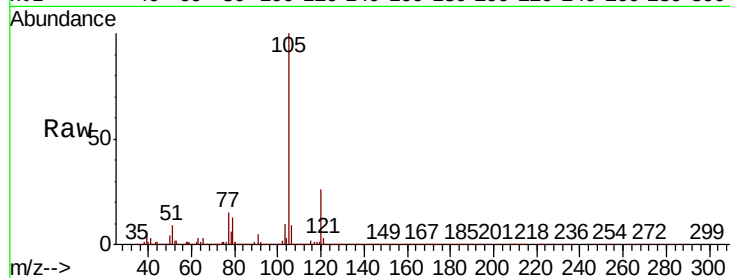
OWL-C4-GW

Tot Ion:105 Resp: 147017

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

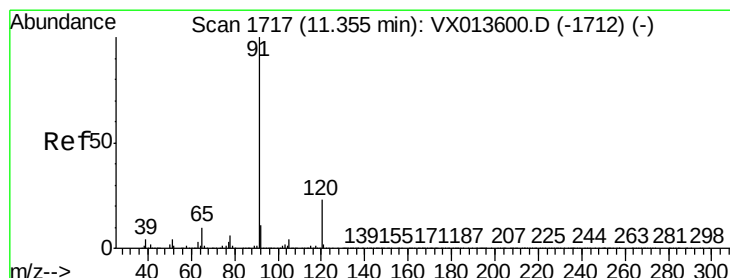
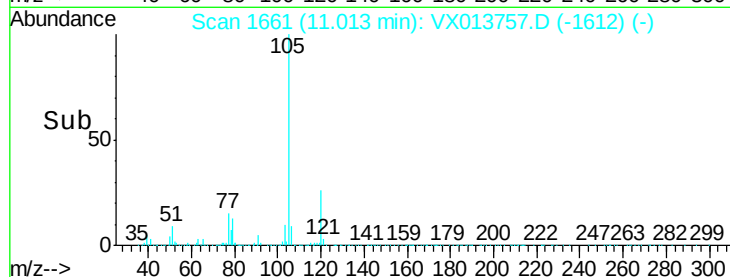
100000

50000

0

Time-->

11.00 11.10



#78

n-propylbenzene

Concen: 2.910 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013757.D

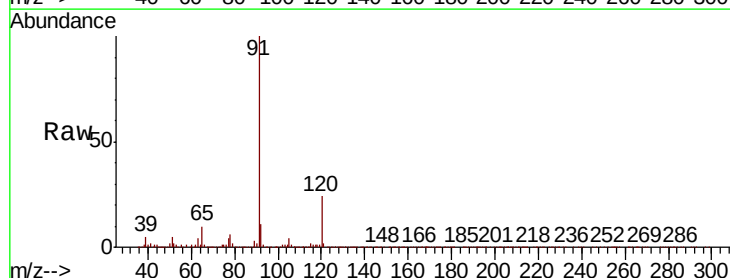
Acq: 04 Dec 2019 18:14

Tgt Ion: 91 Resp: 98516

Ion Ratio Lower Upper

91 100

120 23.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

80000

60000

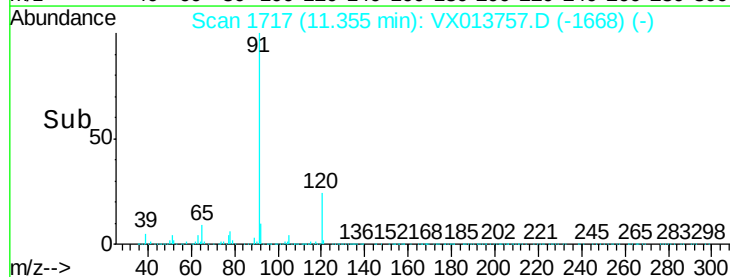
40000

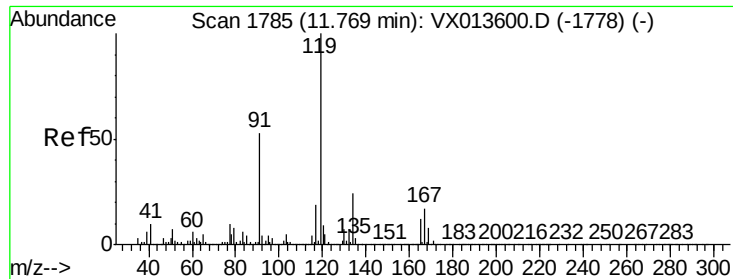
20000

0

Time-->

11.30 11.40

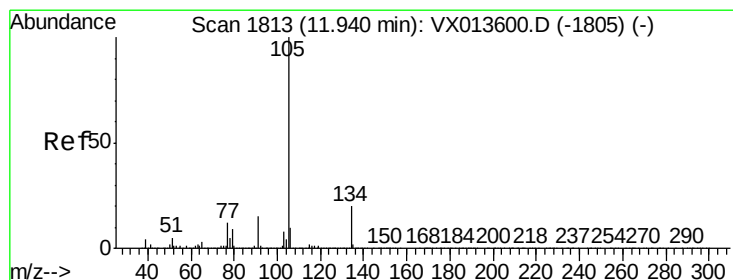
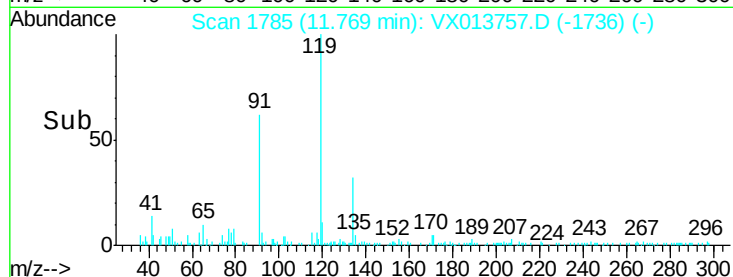
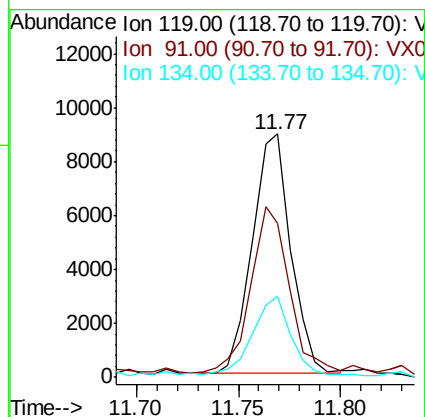
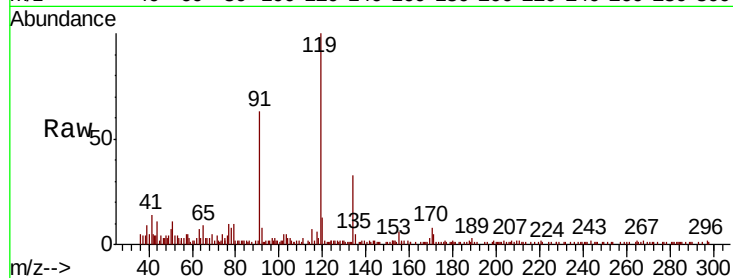




#83
tert-Butylbenzene
Concen: 0.464 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013757.D
Acq: 04 Dec 2019 18:14

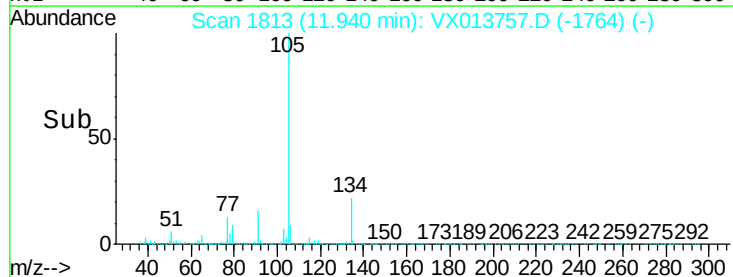
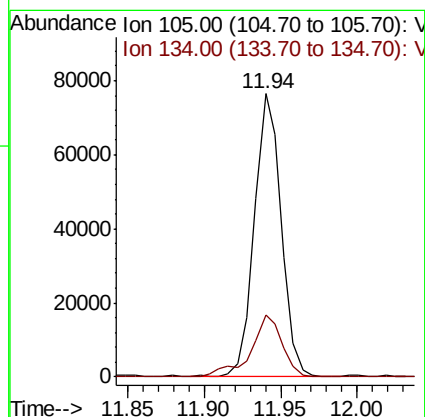
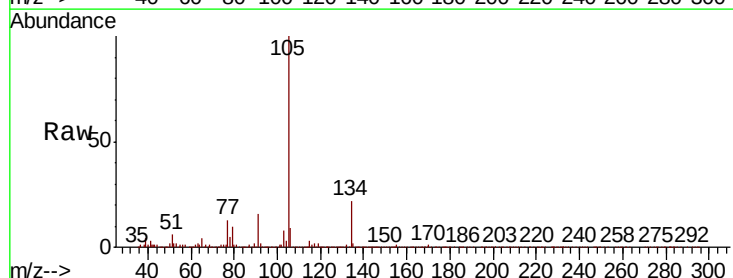
Instrument :
MSVOA_X
ClientSampleId :
OWL-C4-GW

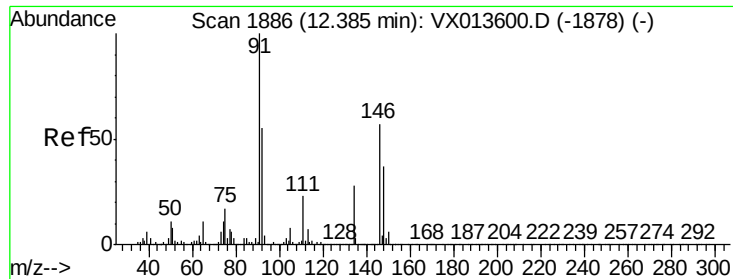
Tot Ion:119 Resp: 11718
Ion Ratio Lower Upper
119 100
91 68.2 27.2 81.6
134 32.6 11.7 35.1



#85
sec-Butylbenzene
Concen: 3.217 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX013757.D
Acq: 04 Dec 2019 18:14

Tgt Ion:105 Resp: 92796
Ion Ratio Lower Upper
105 100
134 26.4 10.4 31.2





#89

n-Butylbenzene

Concen: 0.949 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013757.D

Acq: 04 Dec 2019 18:14

Instrument :

MSVOA_X

ClientSampleId :

OWL-C4-GW

Tot Ion: 91 Resp: 21724

Ion Ratio Lower Upper

91 100

92 53.6 27.4 82.2

134 36.7 13.5 40.4

