

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\
 Data File : VX011254.D
 Acq On : 31 Jul 2019 19:37
 Operator : JC/SP
 Sample : K4048-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C1-GW

Quant Time: Aug 01 03:36:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	228276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	329127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141854	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	113008	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
35) Dibromofluoromethane	5.50	113	97099	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
50) Toluene-d8	8.71	98	381262	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.13	95	130446	45.29	ug/l	0.00
Spiked Amount			Recovery	=	90.58%	

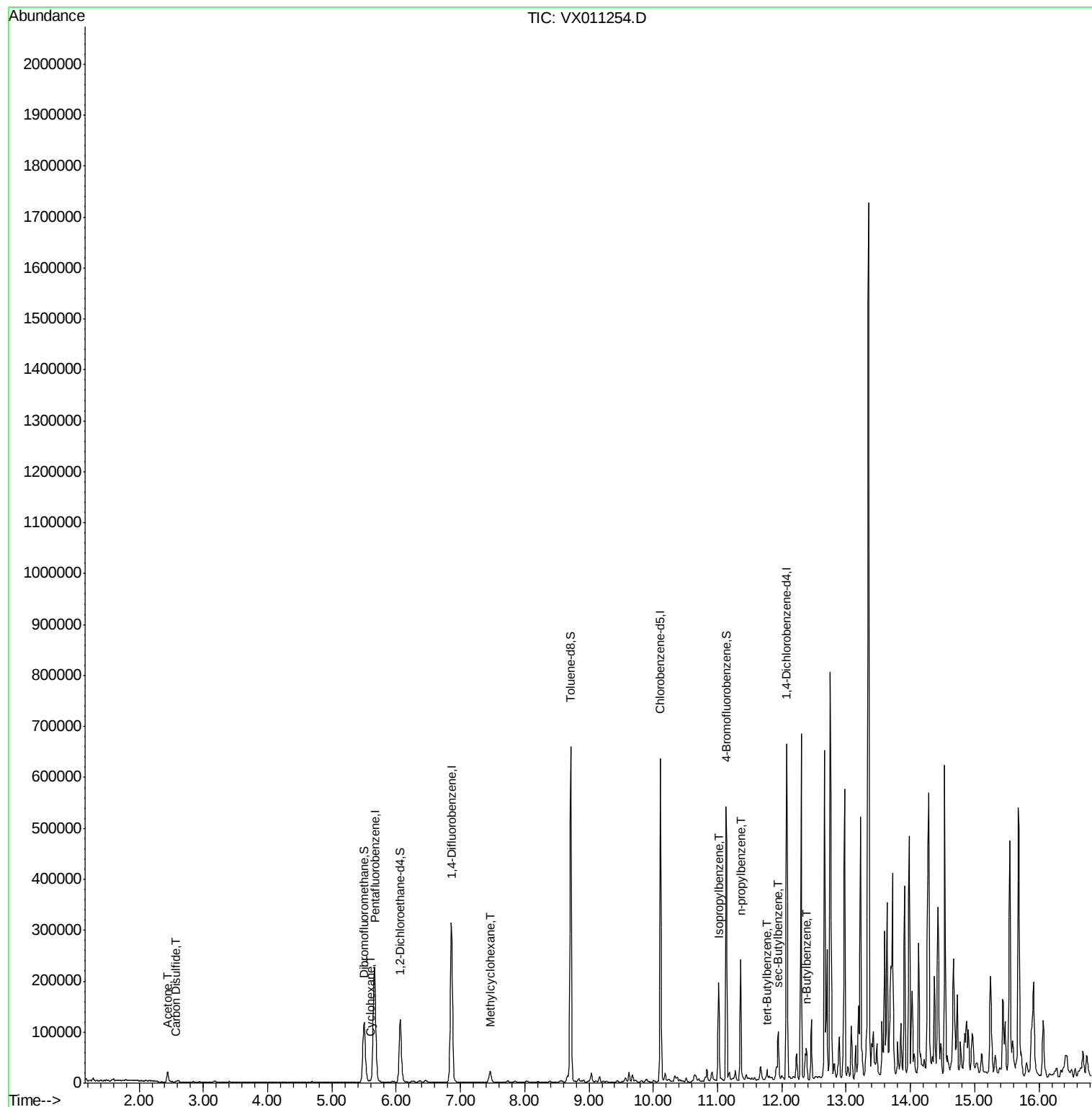
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	21853	19.924	ug/l	96
17) Carbon Disulfide	2.57	76	2265	0.434	ug/l #	90
31) Cyclohexane	5.59	56	1575	0.478	ug/l #	78
39) Methylcyclohexane	7.46	83	9775	2.788	ug/l	97
73) Isopropylbenzene	11.02	105	98879	10.316	ug/l	100
78) n-propylbenzene	11.36	91	144979	13.689	ug/l	100
83) tert-Butylbenzene	11.77	119	7281	0.925	ug/l	90
85) sec-Butylbenzene	11.94	105	46399	5.033	ug/l	90
89) n-Butylbenzene	12.38	91	22400	3.072	ug/l	91

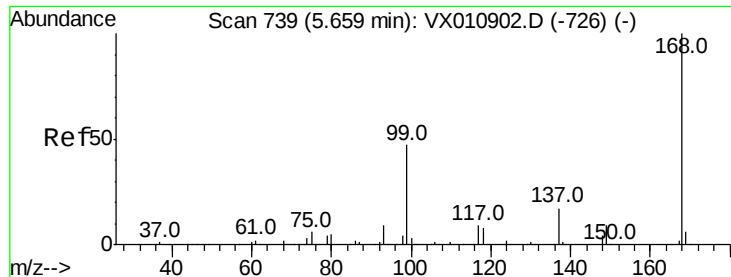
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073119\
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OWL-C1-GW

Quant Time: Aug 01 03:36:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011254.D

Acq: 31 Jul 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

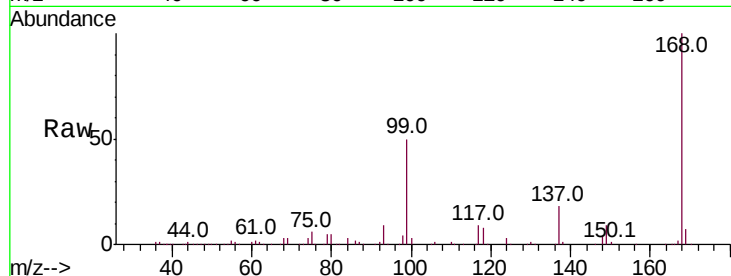
OWL-C1-GW

Tot Ion:168 Resp: 228276

Ion Ratio Lower Upper

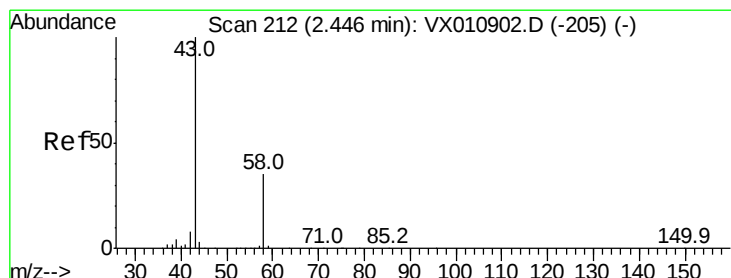
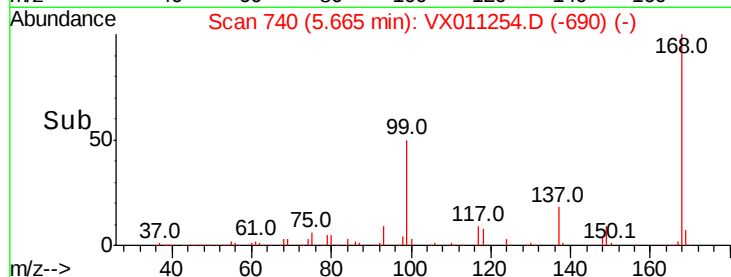
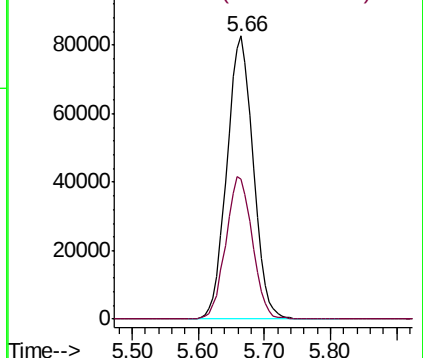
168 100

99 49.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 19.924 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011254.D

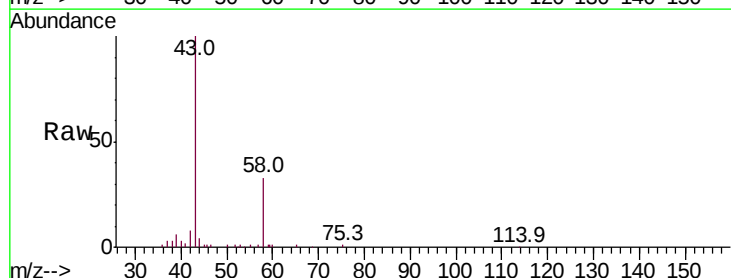
Acq: 31 Jul 2019 19:37

Tgt Ion: 43 Resp: 21853

Ion Ratio Lower Upper

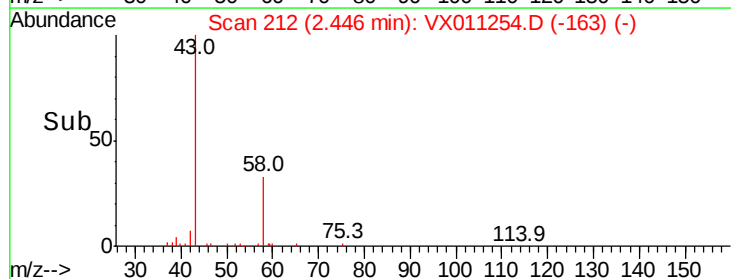
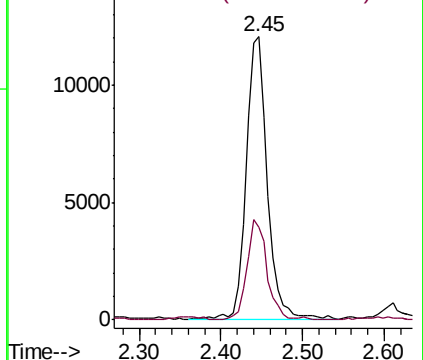
43 100

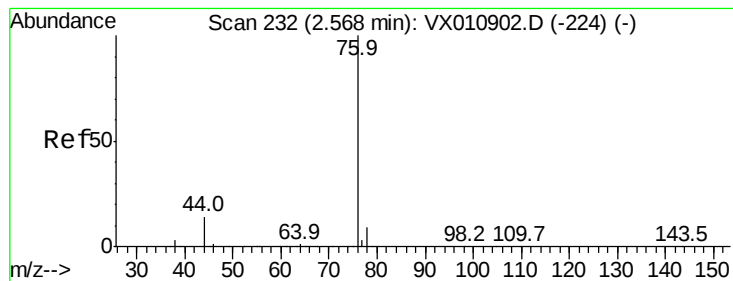
58 32.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.434 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX011254.D

Acq: 31 Jul 2019 19:37

Instrument :

MSVOA_X

ClientSampled :

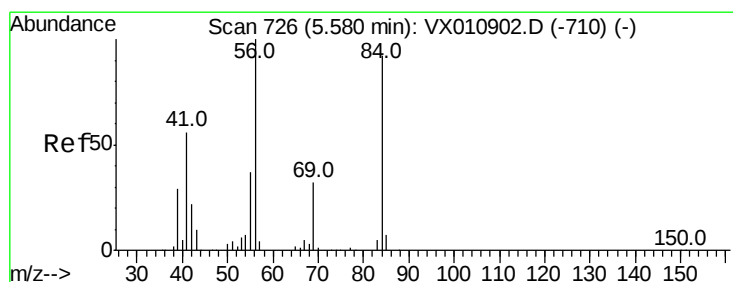
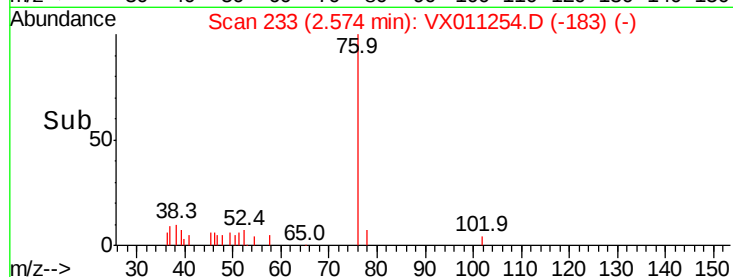
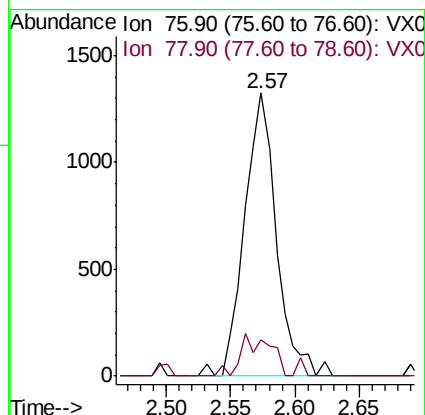
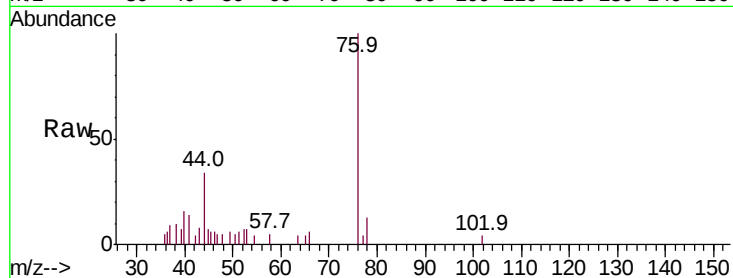
OWL-C1-GW

Tot Ion: 76 Resp: 2265

Ion Ratio Lower Upper

76 100

78 12.7 7.4 11.0#



#31

Cyclohexane

Concen: 0.478 ug/l

RT: 5.59 min Scan# 728

Delta R.T. 0.01 min

Lab File: VX011254.D

Acq: 31 Jul 2019 19:37

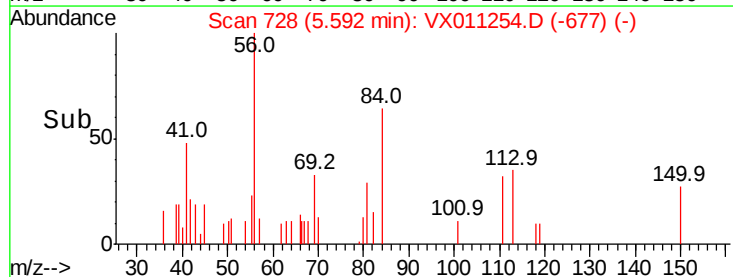
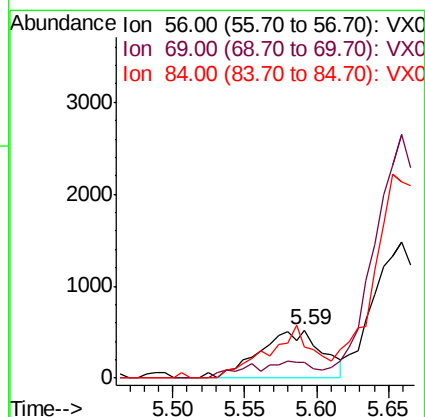
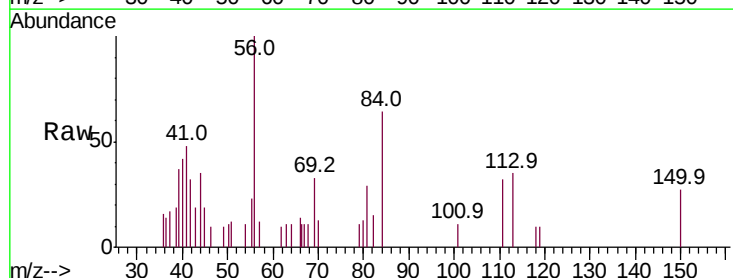
Tgt Ion: 56 Resp: 1575

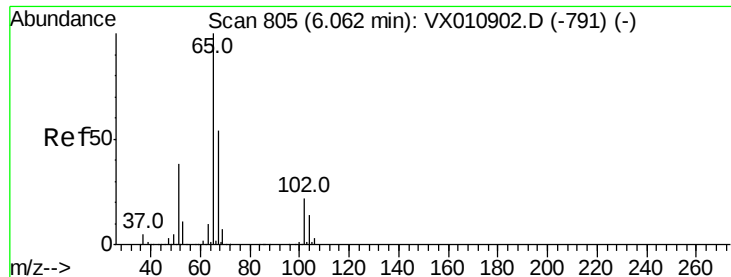
Ion Ratio Lower Upper

56 100

69 33.1 25.8 38.8

84 64.4 73.8 110.6#





#33

1,2-Dichloroethane-d4

Concen: 46.534 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011254.D

Acq: 31 Jul 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

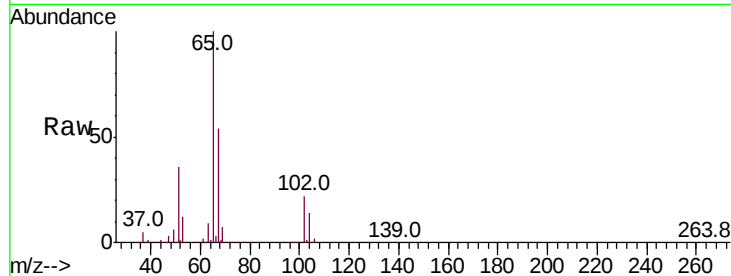
OWL-C1-GW

Tot Ion: 65 Resp: 113008

Ion Ratio Lower Upper

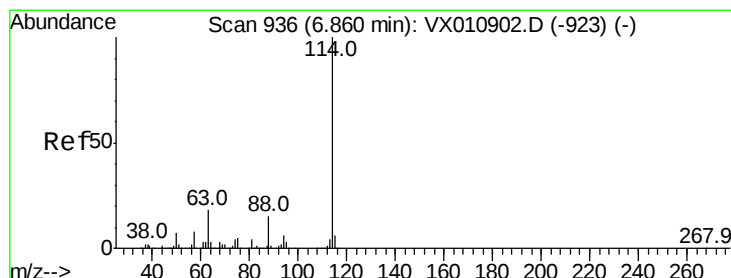
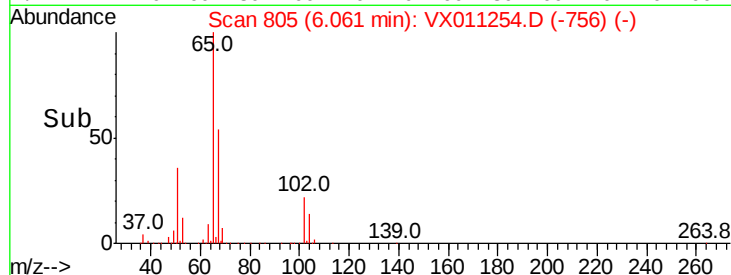
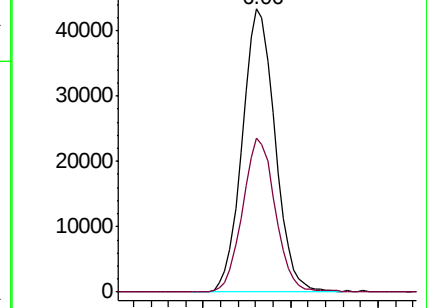
65 100

67 54.3 0.0 107.8



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011254.D

Acq: 31 Jul 2019 19:37

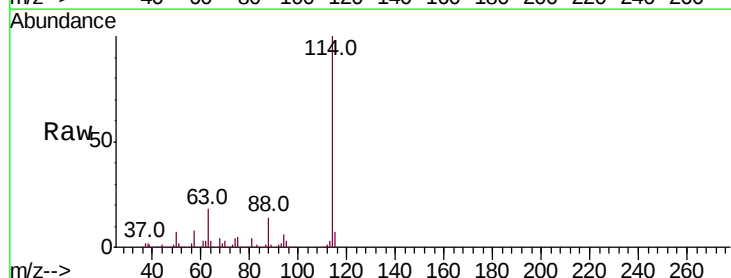
Tgt Ion: 114 Resp: 329127

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.6

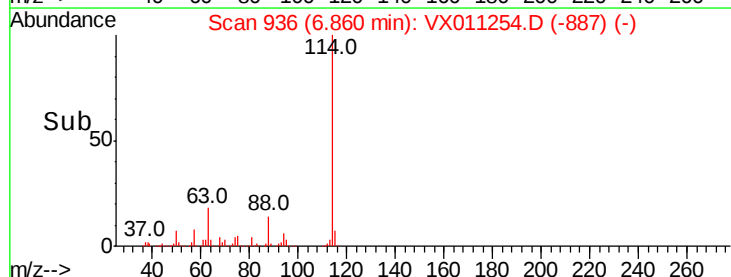
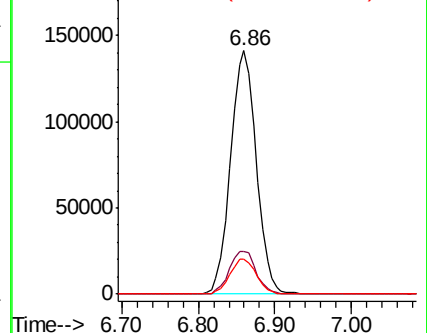
88 14.5 0.0 29.8

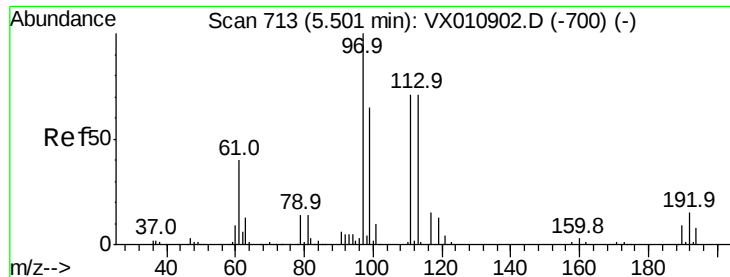


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

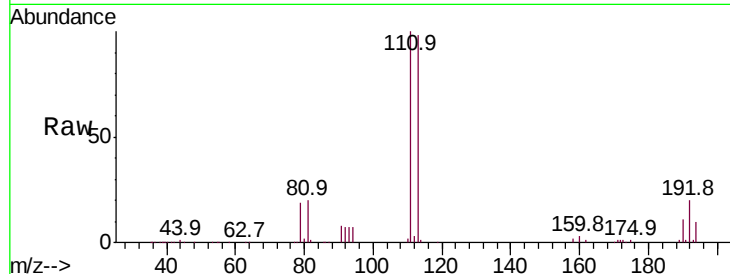




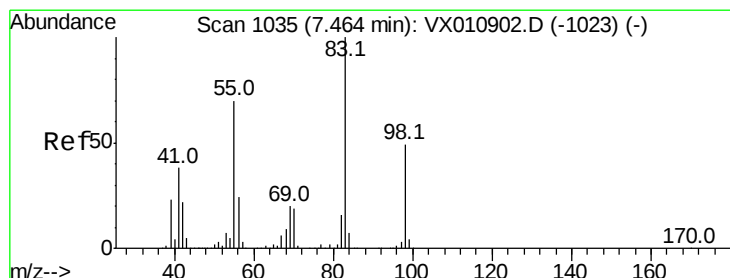
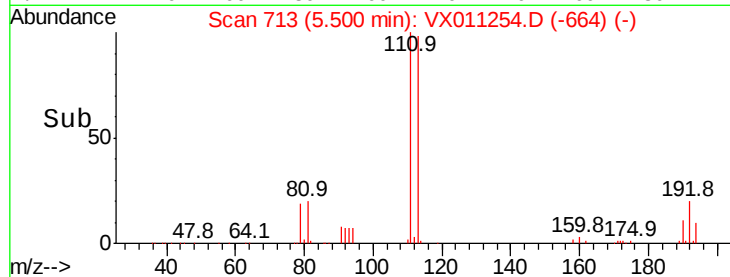
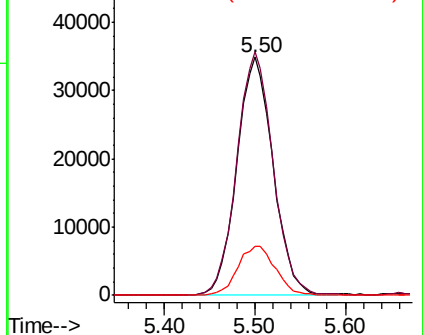
#35
 Dibromofluoromethane
 Concen: 46.480 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX011254.D
 Acq: 31 Jul 2019 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 OWL-C1-GW

Tot Ion:113 Resp: 97099
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.3 123.5
 192 21.6 17.4 26.2

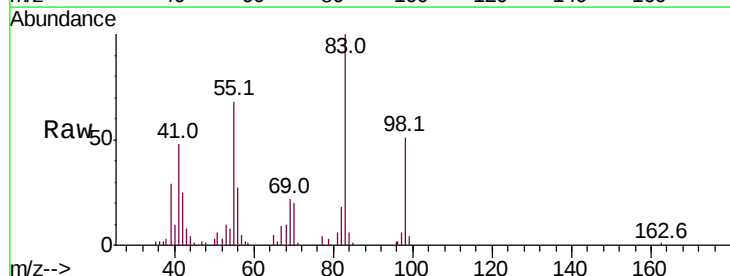


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

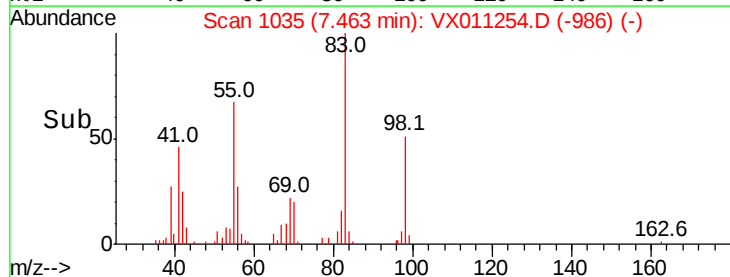
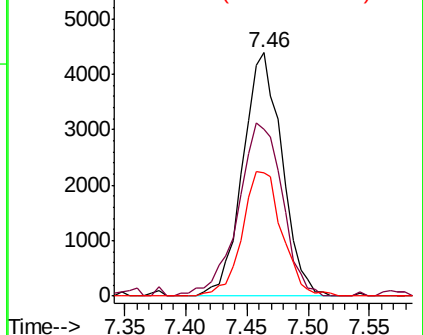


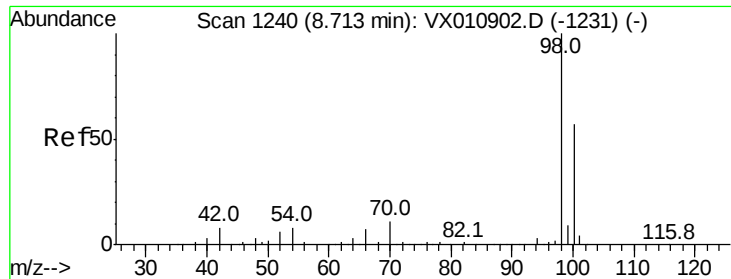
#39
 Methylcyclohexane
 Concen: 2.788 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX011254.D
 Acq: 31 Jul 2019 19:37

Tgt Ion: 83 Resp: 9775
 Ion Ratio Lower Upper
 83 100
 55 68.5 56.2 84.4
 98 50.7 39.0 58.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 48.660 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011254.D

Acq: 31 Jul 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

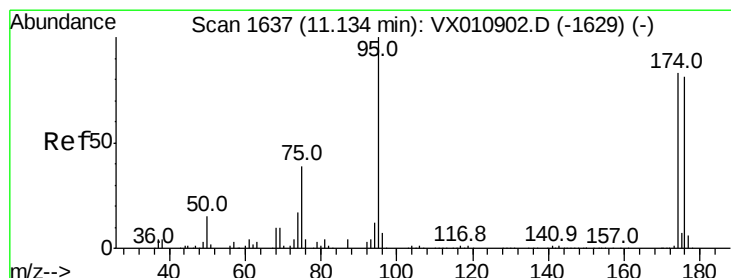
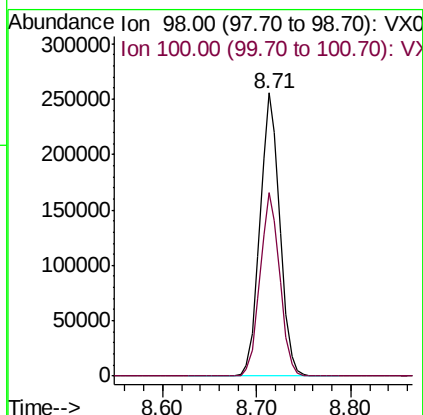
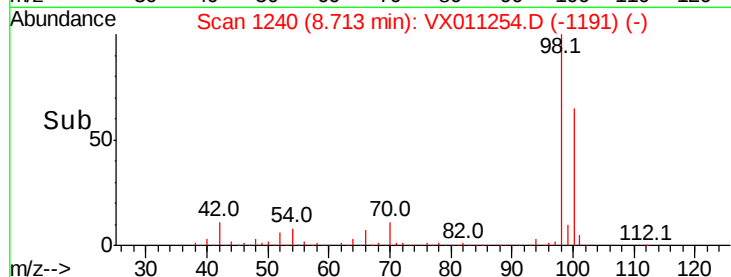
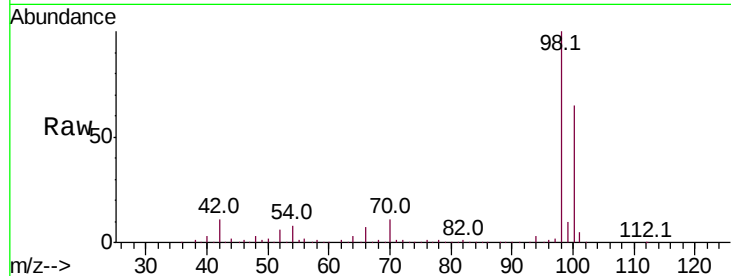
OWL-C1-GW

Tot Ion: 98 Resp: 381262

Ion Ratio Lower Upper

98 100

100 64.4 50.6 75.8



#62

4-Bromofluorobenzene

Concen: 45.294 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011254.D

Acq: 31 Jul 2019 19:37

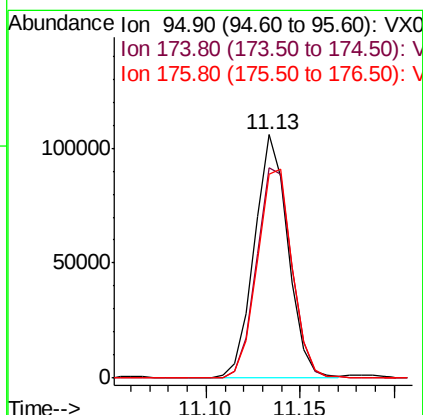
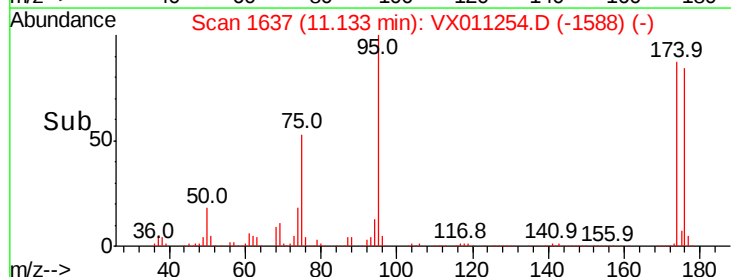
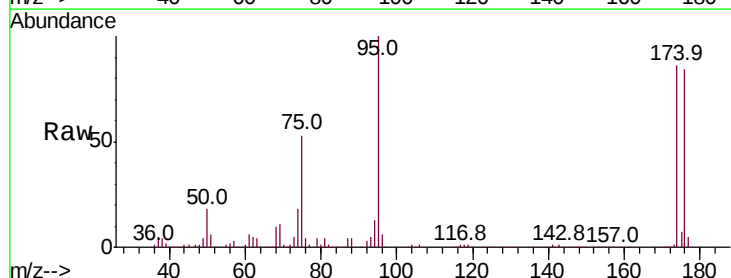
Tgt Ion: 95 Resp: 130446

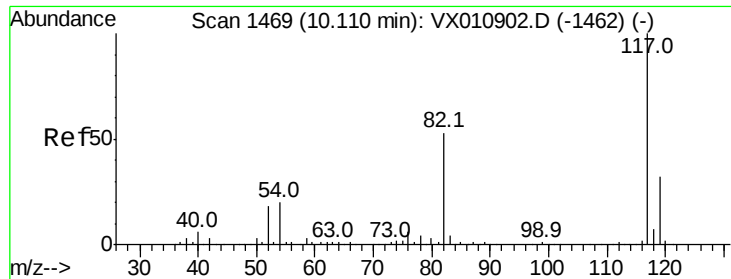
Ion Ratio Lower Upper

95 100

174 91.3 0.0 180.6

176 89.6 0.0 173.8

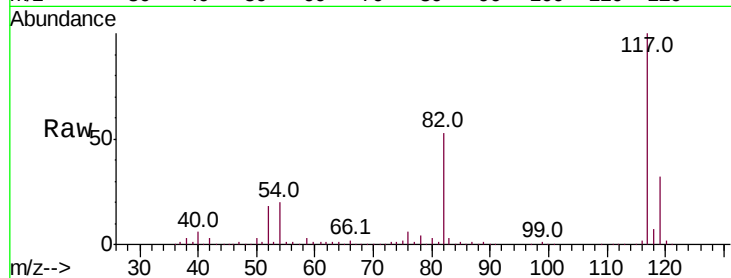




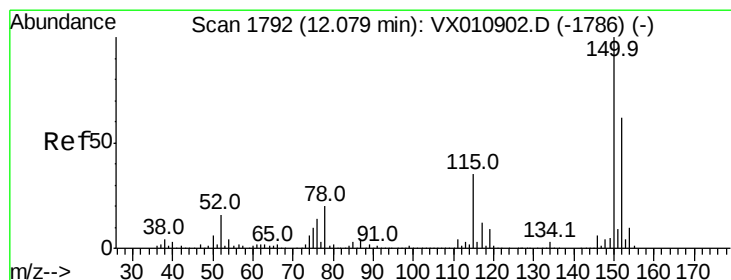
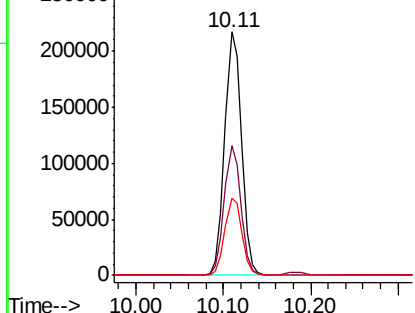
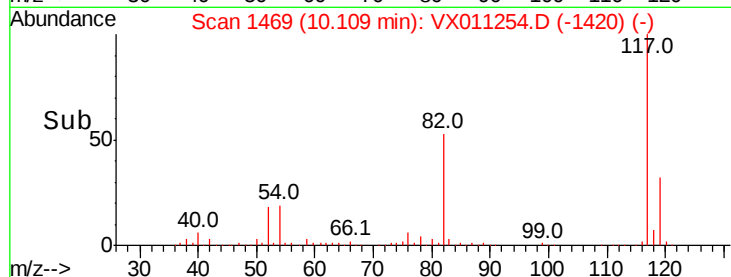
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011254.D
Acq: 31 Jul 2019 19:37

Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

Tot Ion:117 Resp: 289029
Ion Ratio Lower Upper
117 100
82 53.1 42.6 63.8
119 32.0 25.9 38.9

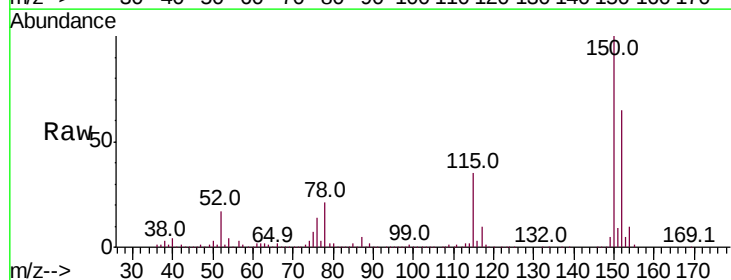


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

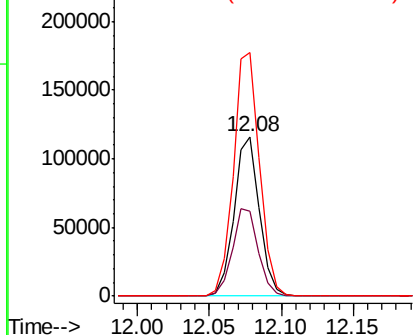
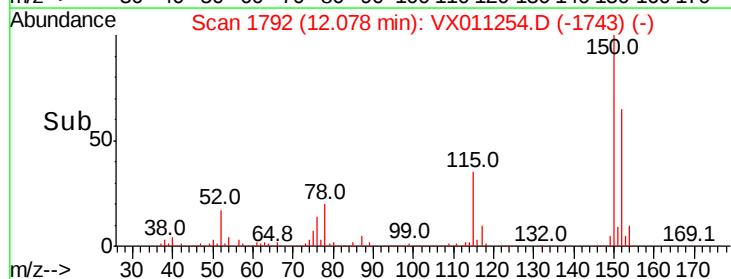


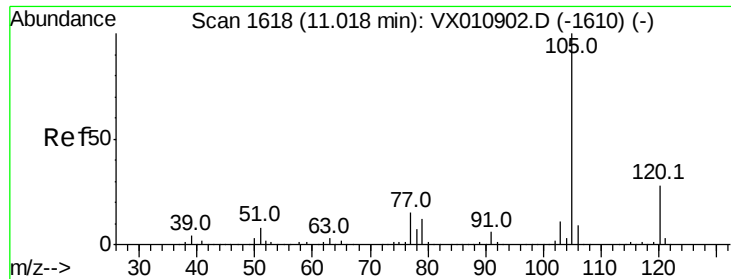
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011254.D
Acq: 31 Jul 2019 19:37

Tgt Ion:152 Resp: 141854
Ion Ratio Lower Upper
152 100
115 56.4 39.7 119.1
150 158.4 0.0 345.6



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: 10.316 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011254.D

Acq: 31 Jul 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

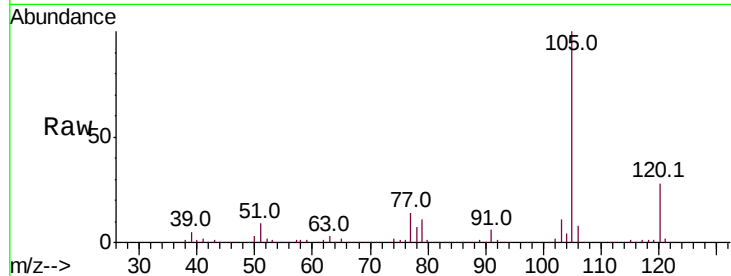
OWL-C1-GW

Tot Ion:105 Resp: 98879

Ion Ratio Lower Upper

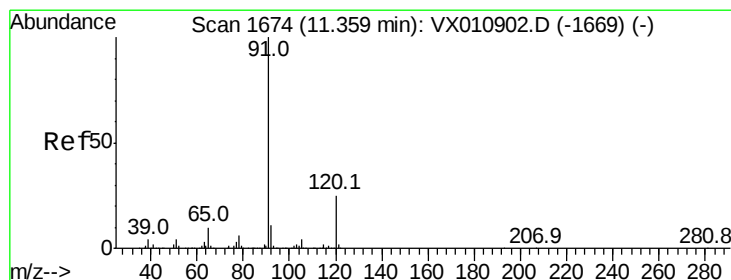
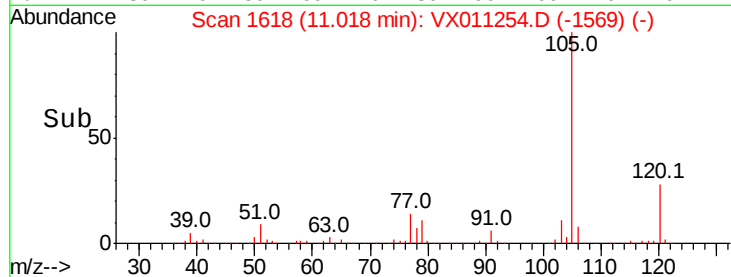
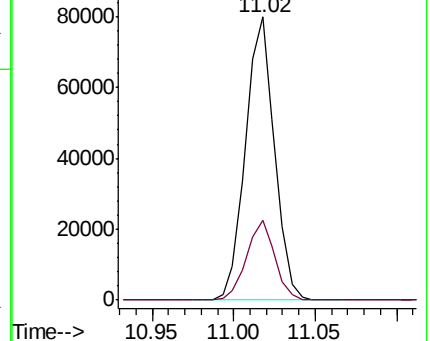
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 13.689 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011254.D

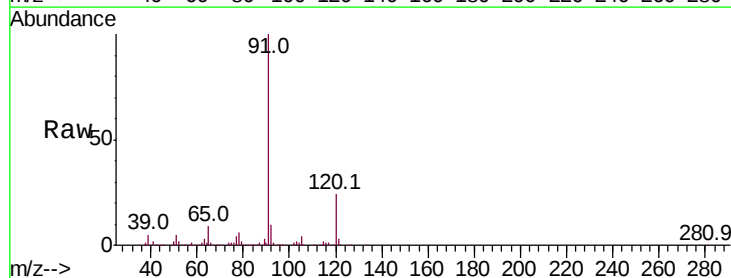
Acq: 31 Jul 2019 19:37

Tgt Ion: 91 Resp: 144979

Ion Ratio Lower Upper

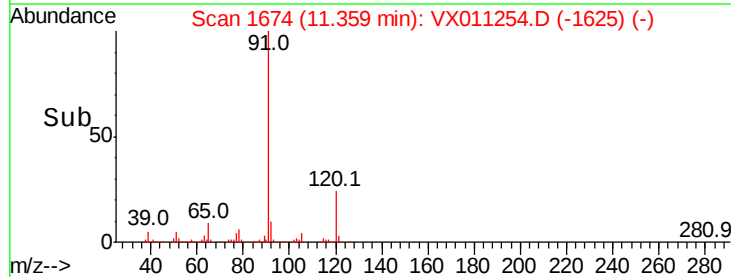
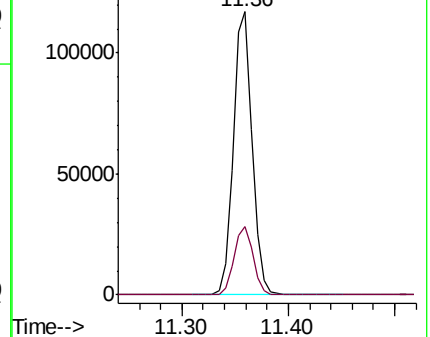
91 100

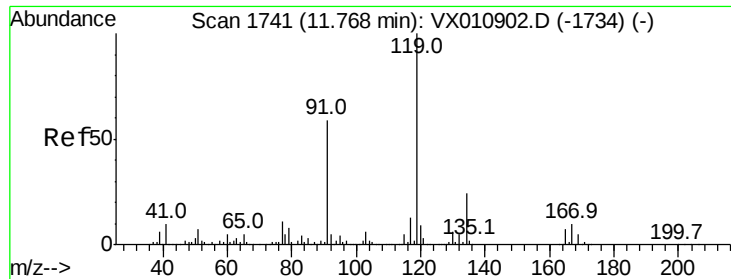
120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

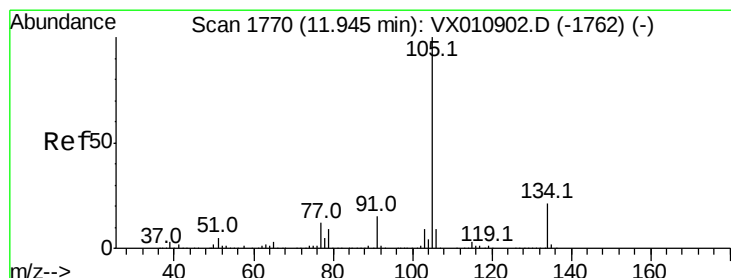
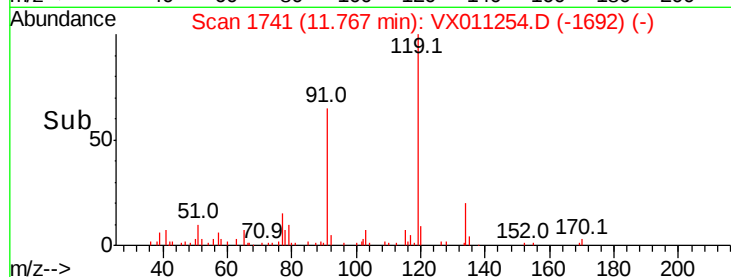
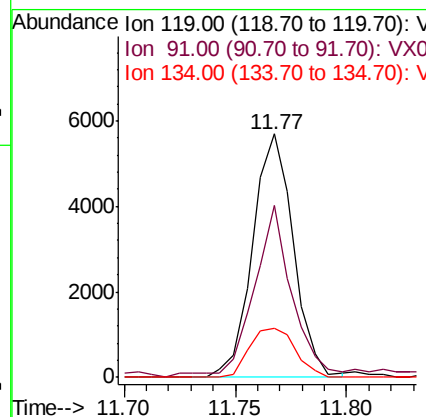
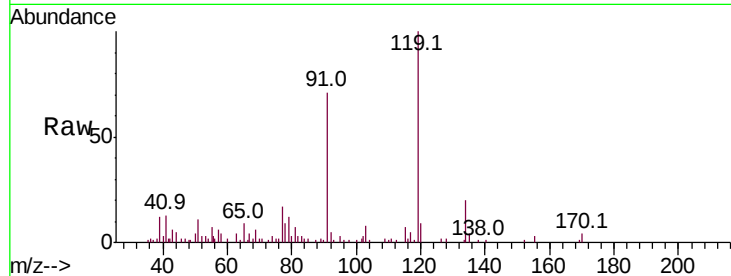




#83
tert-Butylbenzene
Concen: 0.925 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011254.D
Acq: 31 Jul 2019 19:37

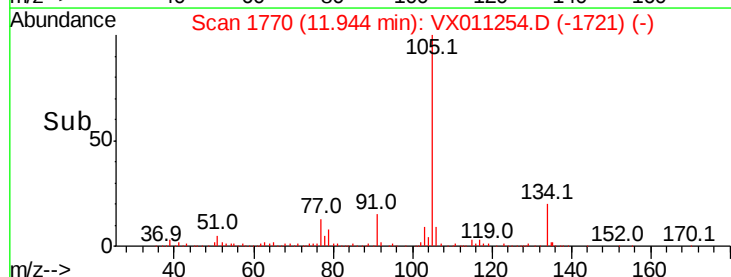
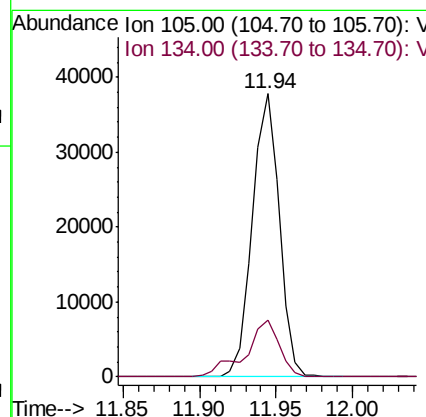
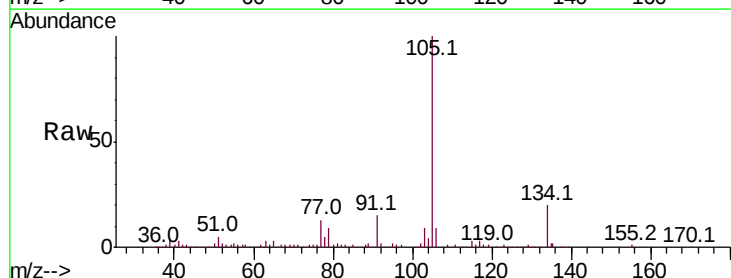
Instrument :
MSVOA_X
ClientSampleId :
OWL-C1-GW

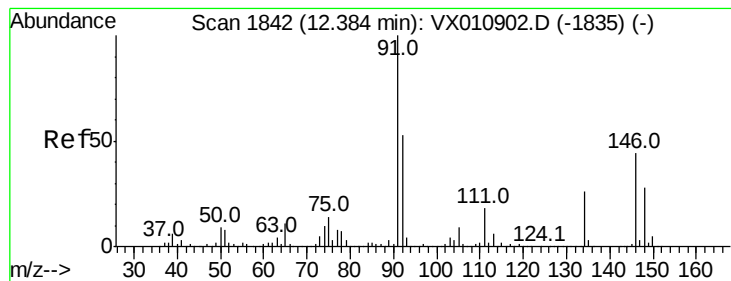
Tot Ion:119 Resp: 7281
Ion Ratio Lower Upper
119 100
91 66.9 28.6 85.8
134 22.6 11.6 34.8



#85
sec-Butylbenzene
Concen: 5.033 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX011254.D
Acq: 31 Jul 2019 19:37

Tgt Ion:105 Resp: 46399
Ion Ratio Lower Upper
105 100
134 25.4 10.4 31.4





#89

n-Butylbenzene

Concen: 3.072 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011254.D

Acq: 31 Jul 2019 19:37

Instrument :

MSVOA_X

ClientSampleId :

OWL-C1-GW

Tot Ion: 91 Resp: 22400

Ion Ratio Lower Upper

91 100

92 48.4 26.2 78.5

134 35.1 13.8 41.3

