

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007477.D
 Acq On : 11 Feb 2019 19:19
 Operator : JC/SP
 Sample : K1449-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-6-OW

Quant Time: Feb 12 12:33:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

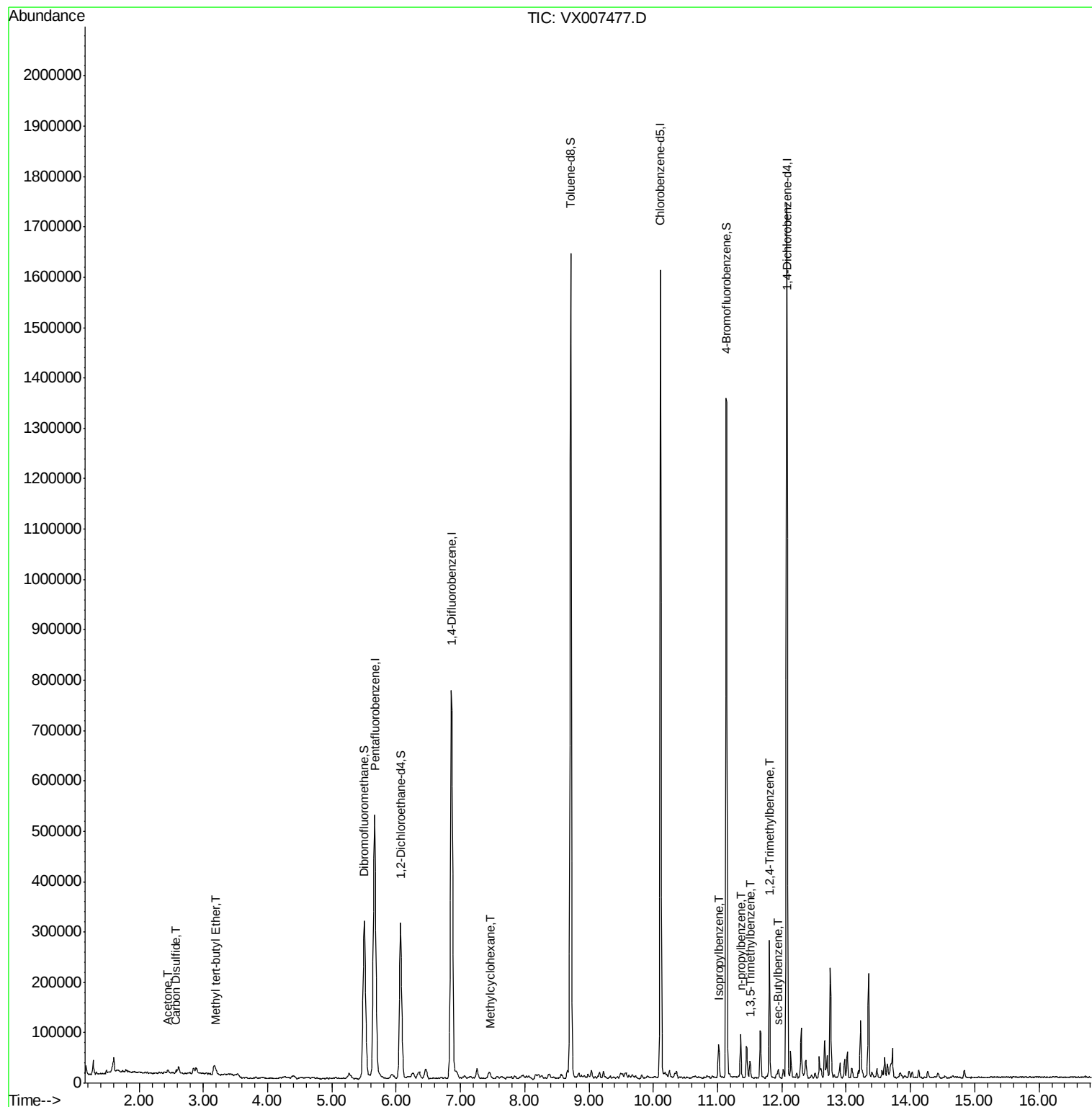
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	538932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	832119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	768838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	376030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	282003	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	5.50	113	263712	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	8.71	98	983615	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	11.13	95	350910	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	8871	3.385	ug/l	96
17) Carbon Disulfide	2.57	76	6653	2.595	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	5842	0.350	ug/l #	50
39) Methylcyclohexane	7.46	83	4838	0.536	ug/l #	66
73) Isopropylbenzene	11.02	105	33884	1.326	ug/l	98
78) n-propylbenzene	11.36	91	47964	1.712	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	13315	0.637	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	120546	5.680	ug/l	97
85) sec-Butylbenzene	11.94	105	8282	0.331	ug/l	92

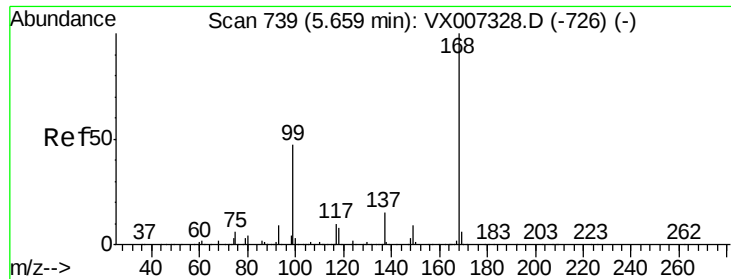
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021119\
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Quant Time: Feb 12 12:33:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 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: VX007477.D

Acq: 11 Feb 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

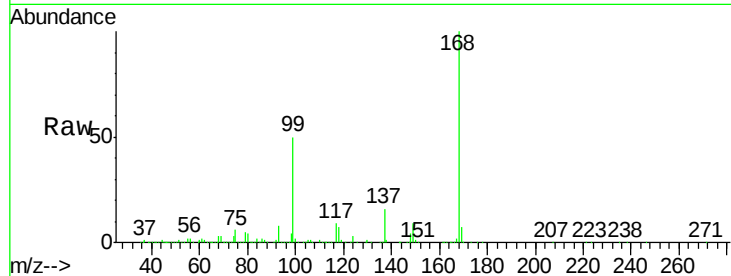
B-6-OW

Tot Ion:168 Resp: 538932

Ion Ratio Lower Upper

168 100

99 49.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

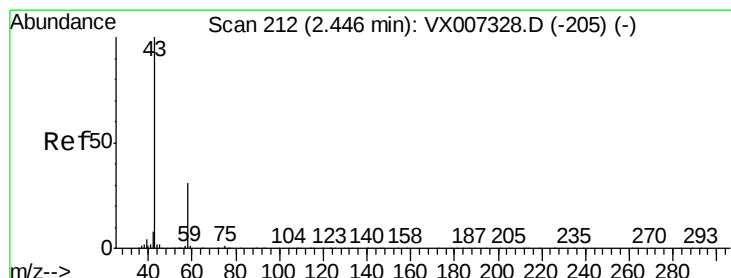
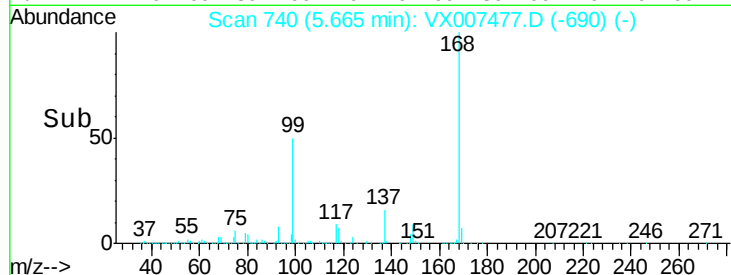
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.385 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007477.D

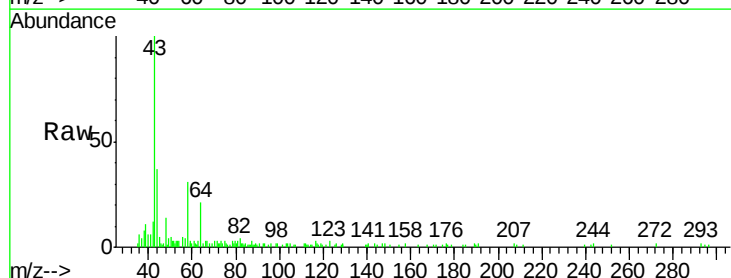
Acq: 11 Feb 2019 19:19

Tgt Ion: 43 Resp: 8871

Ion Ratio Lower Upper

43 100

58 28.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

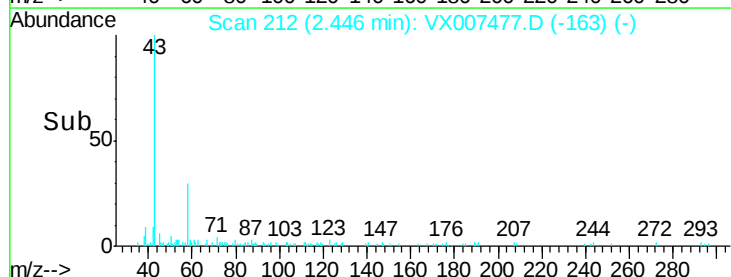
3000

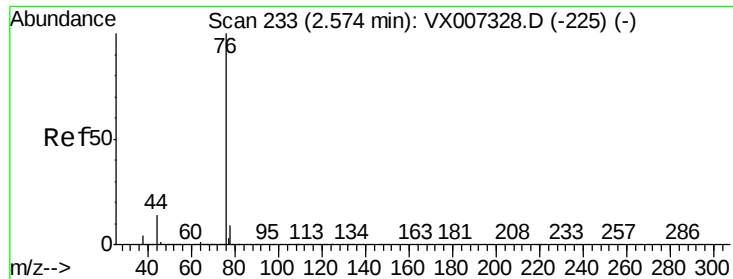
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 2.595 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007477.D

Acq: 11 Feb 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

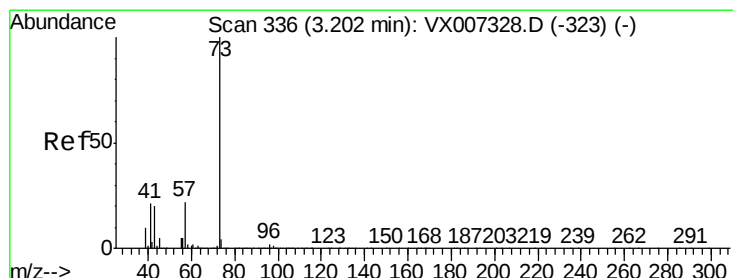
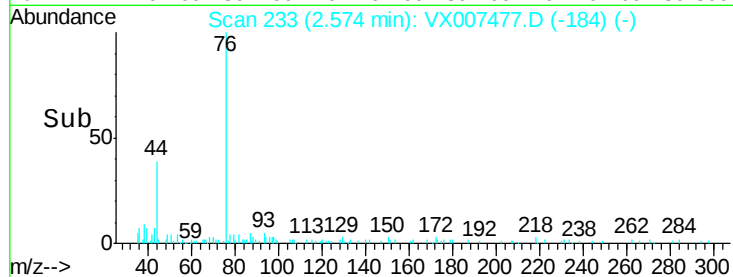
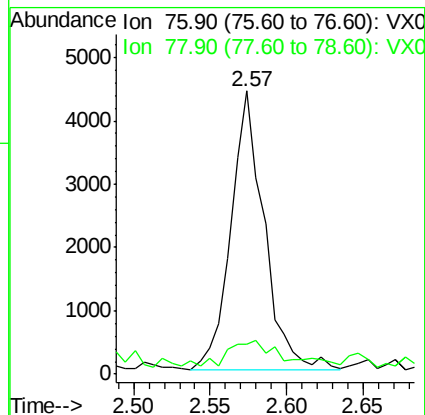
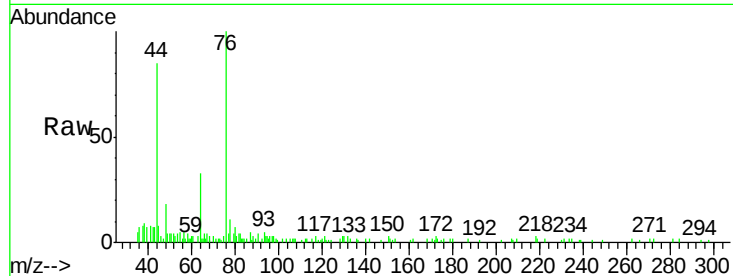
B-6-OW

Tot Ion: 76 Resp: 6653

Ion Ratio Lower Upper

76 100

78 7.3 7.1 10.7



#19

Methyl tert-butyl Ether

Concen: 0.350 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX007477.D

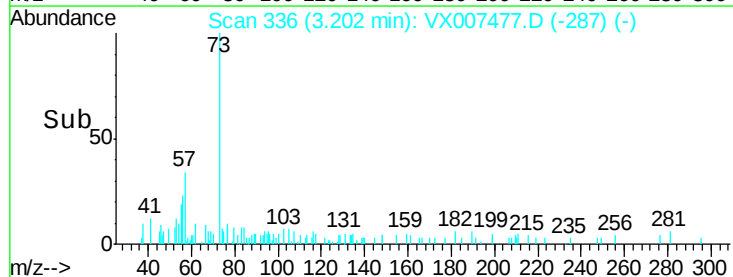
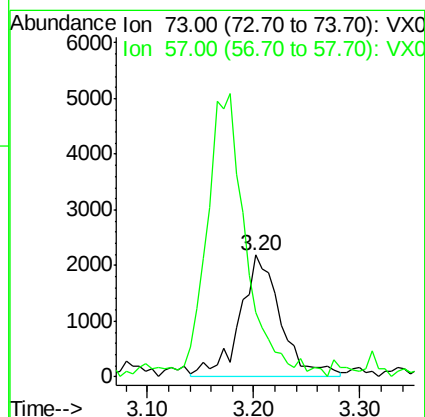
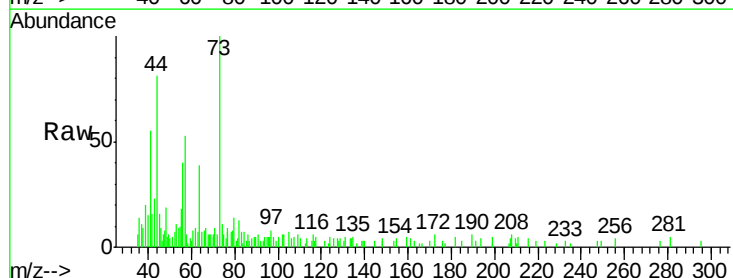
Acq: 11 Feb 2019 19:19

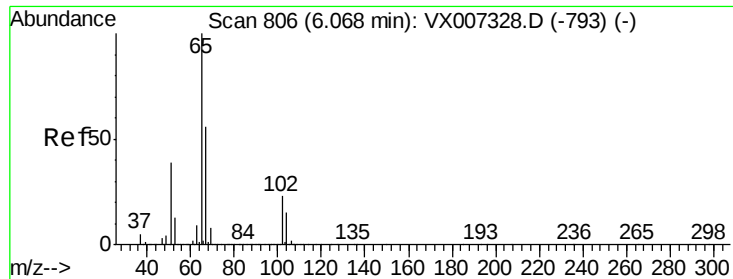
Tgt Ion: 73 Resp: 5842

Ion Ratio Lower Upper

73 100

57 46.4 17.8 26.8#





#33

1,2-Dichloroethane-d4

Concen: 49.298 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007477.D

Acq: 11 Feb 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

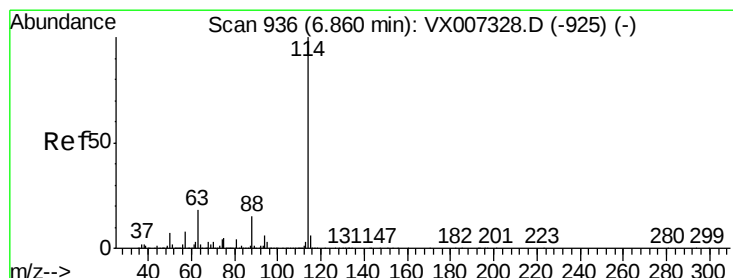
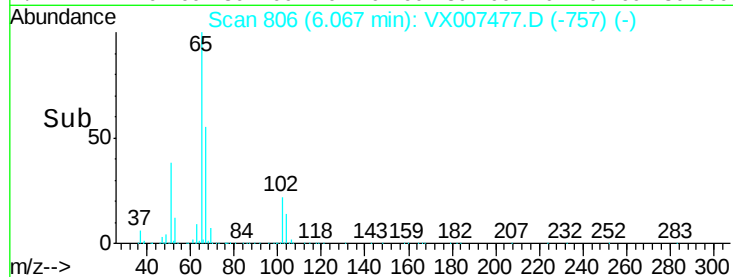
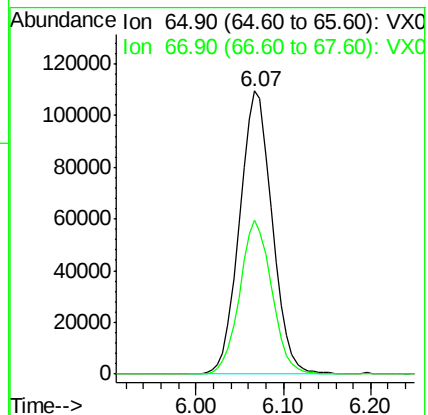
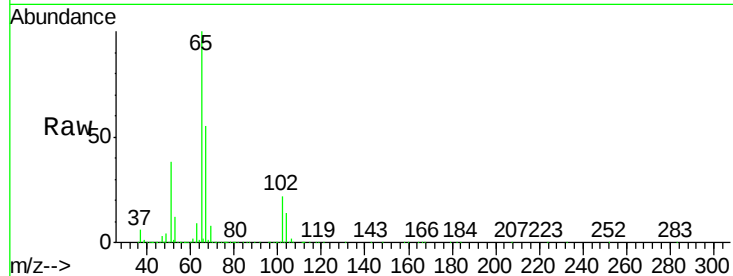
B-6-OW

Tot Ion: 65 Resp: 282003

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007477.D

Acq: 11 Feb 2019 19:19

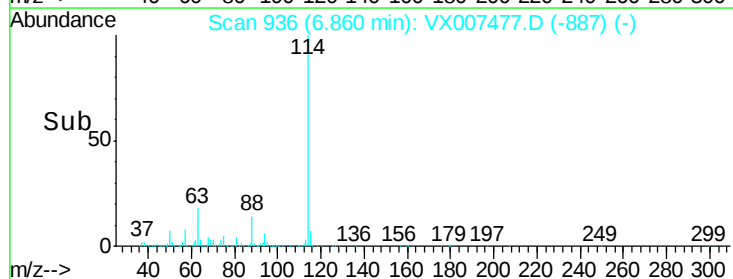
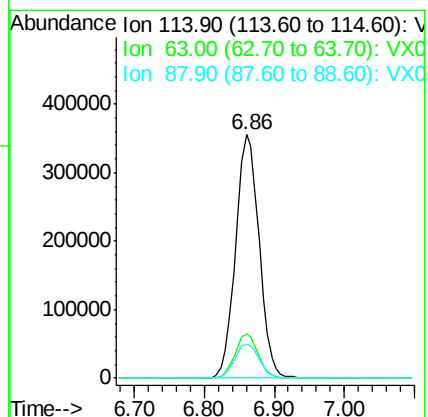
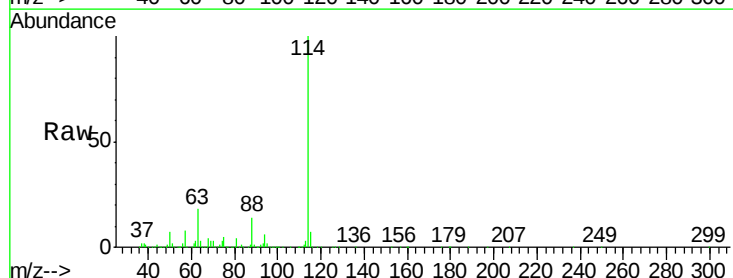
Tgt Ion: 114 Resp: 832119

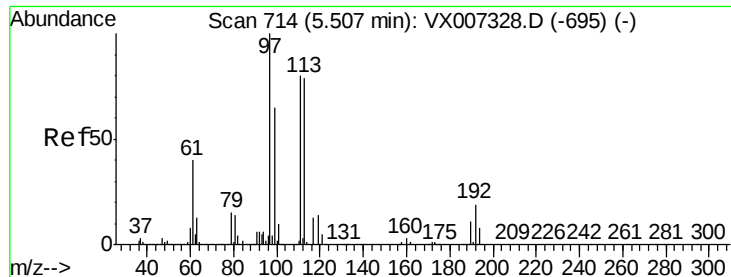
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

88 14.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.707 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007477.D

Acq: 11 Feb 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

B-6-OW

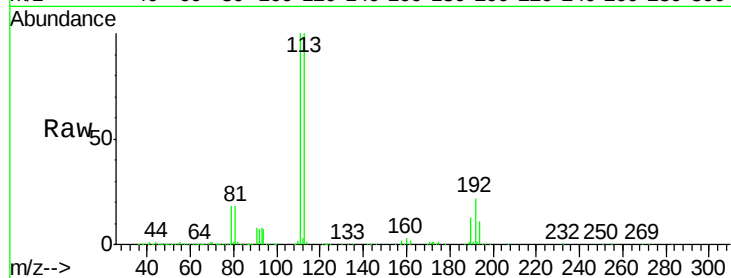
Tot Ion:113 Resp: 263712

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

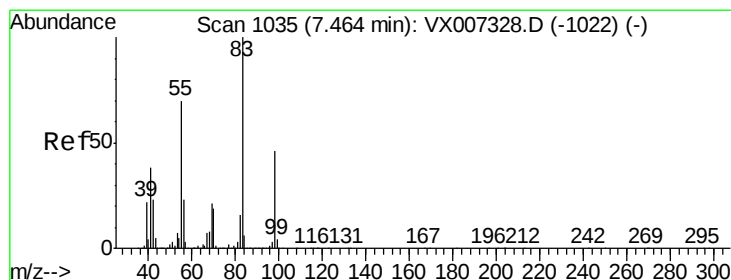
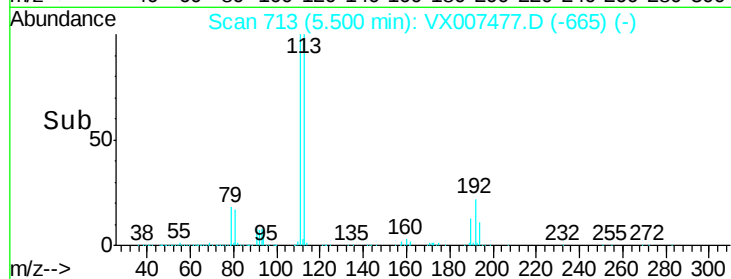
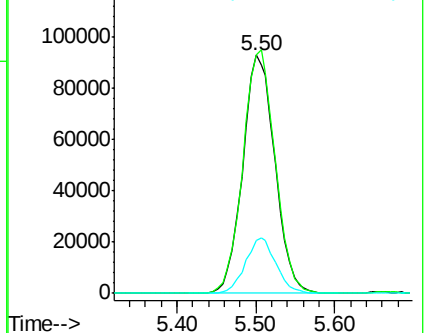
192 22.2 18.5 27.7



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



#39

Methylcyclohexane

Concen: 0.536 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX007477.D

Acq: 11 Feb 2019 19:19

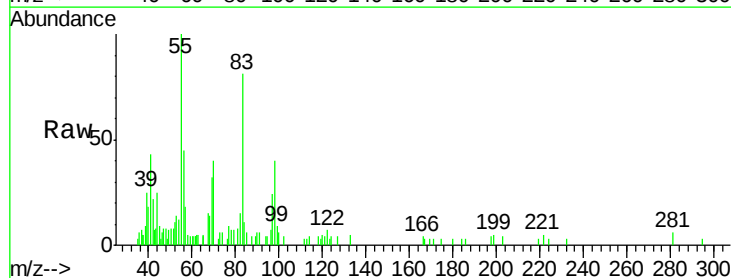
Tgt Ion: 83 Resp: 4838

Ion Ratio Lower Upper

83 100

55 112.3 56.2 84.2#

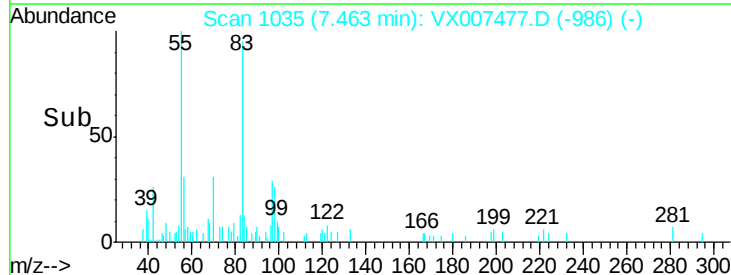
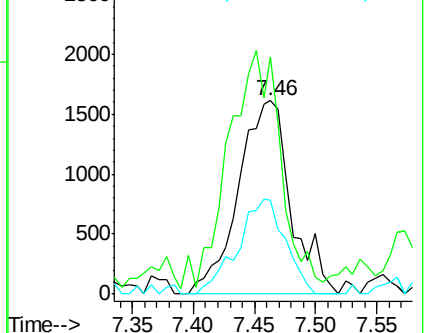
98 50.6 36.8 55.2

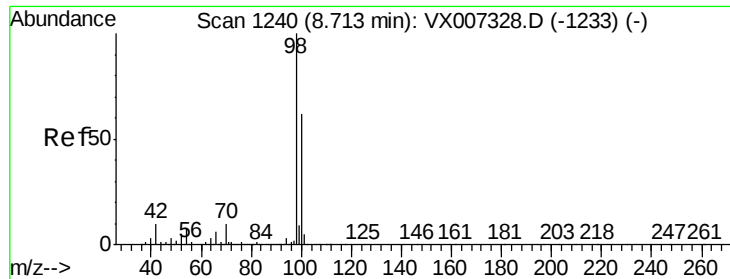


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 48.965 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007477.D

Acq: 11 Feb 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

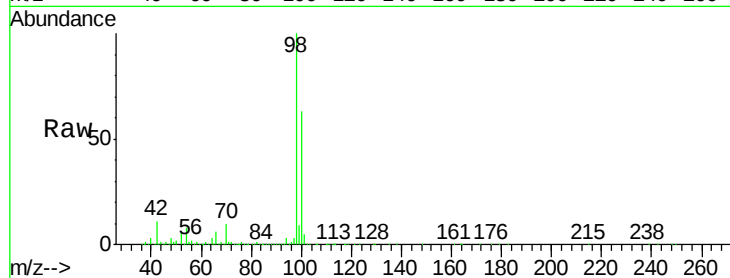
B-6-OW

Tot Ion: 98 Resp: 983615

Ion Ratio Lower Upper

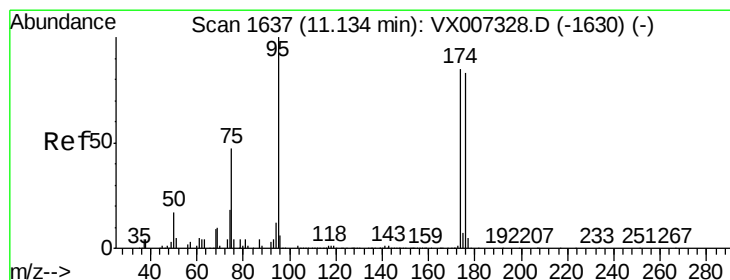
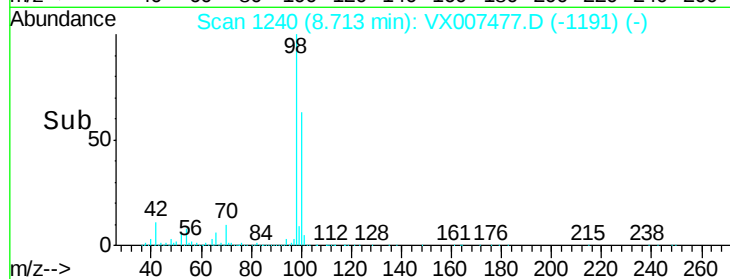
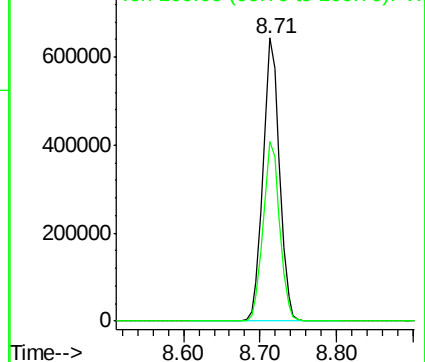
98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.846 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007477.D

Acq: 11 Feb 2019 19:19

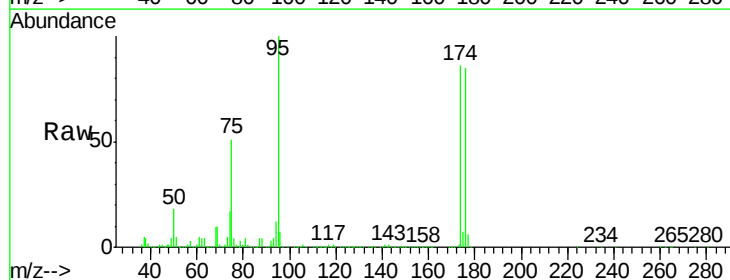
Tgt Ion: 95 Resp: 350910

Ion Ratio Lower Upper

95 100

174 93.5 0.0 189.2

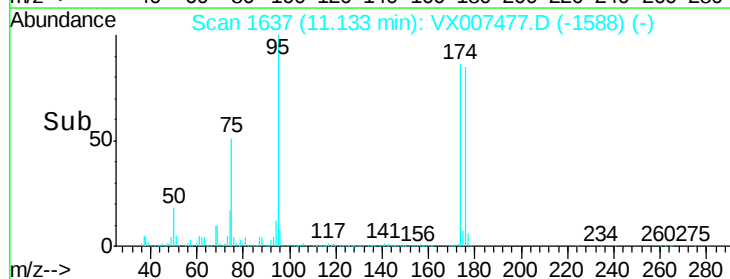
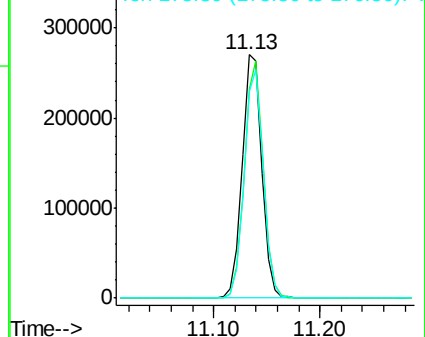
176 91.1 0.0 186.2

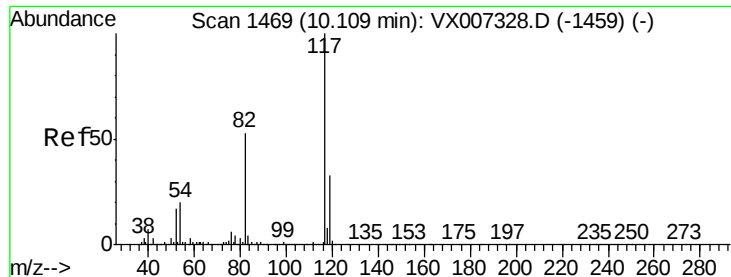


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

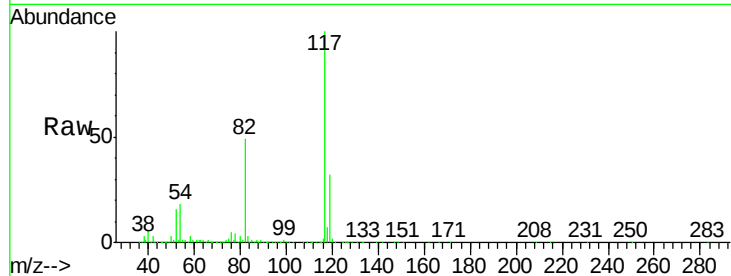




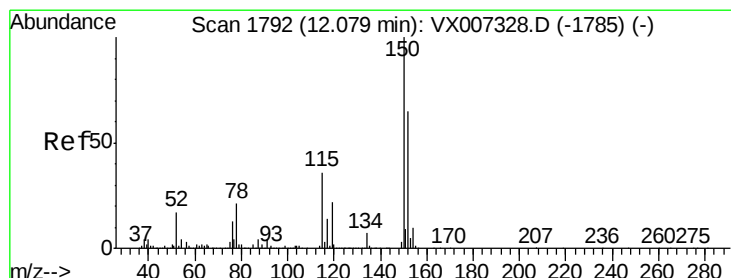
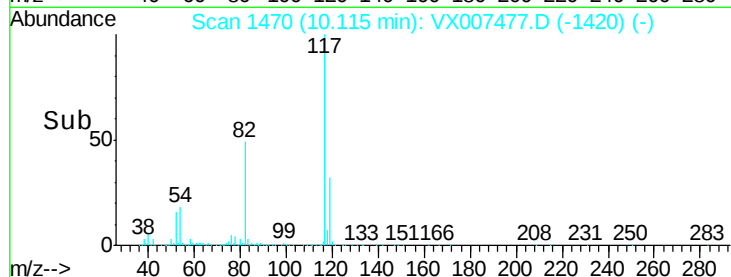
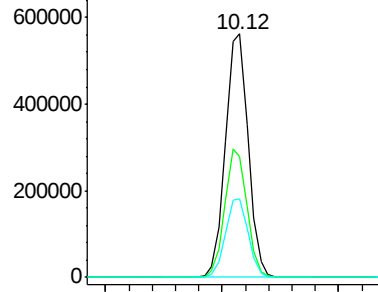
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007477.D
Acq: 11 Feb 2019 19:19

Instrument :
MSVOA_X
ClientSampleId :
B-6-OW

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	42.1	63.1
119	32.3	26.5	39.7

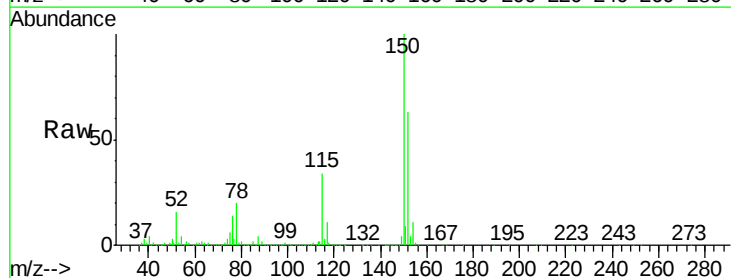


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

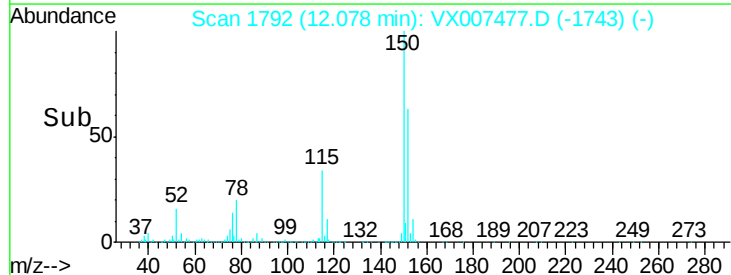
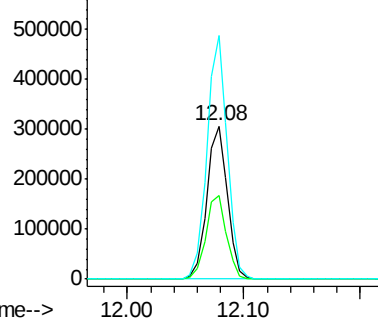


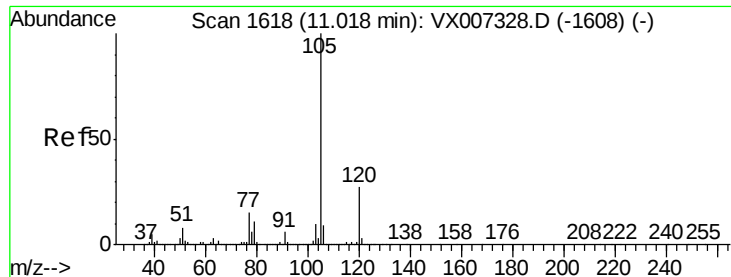
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007477.D
Acq: 11 Feb 2019 19:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	38.0	114.0
150	156.3	0.0	346.4



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: 1.326 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007477.D

Acq: 11 Feb 2019 19:19

Instrument :

MSVOA_X

ClientSampled :

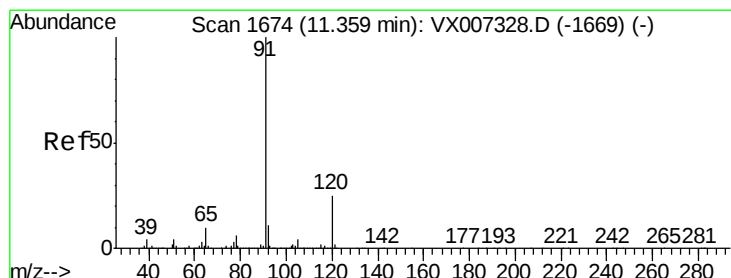
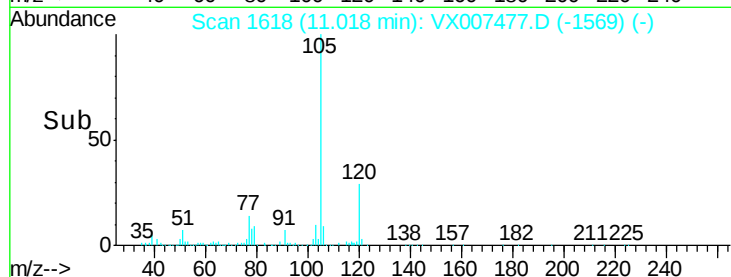
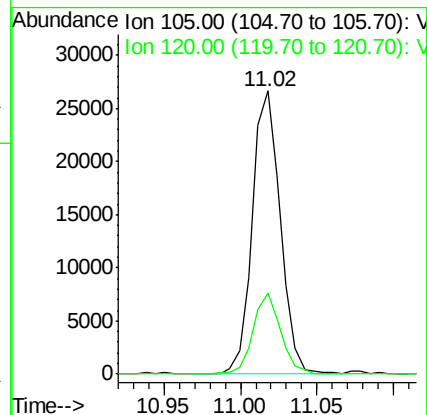
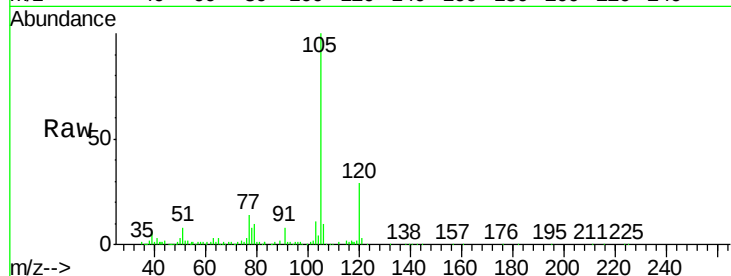
B-6-OW

Tot Ion: 105 Resp: 33884

Ion Ratio Lower Upper

105 100

120 28.3 13.6 40.7



#78

n-propylbenzene

Concen: 1.712 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007477.D

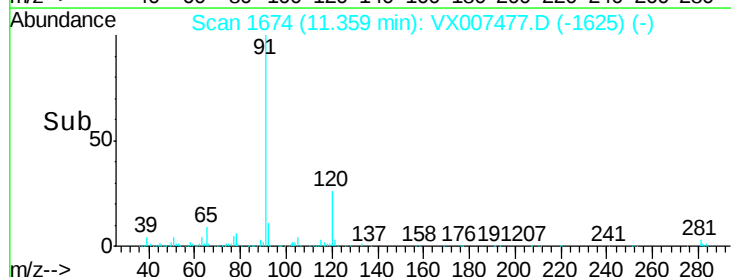
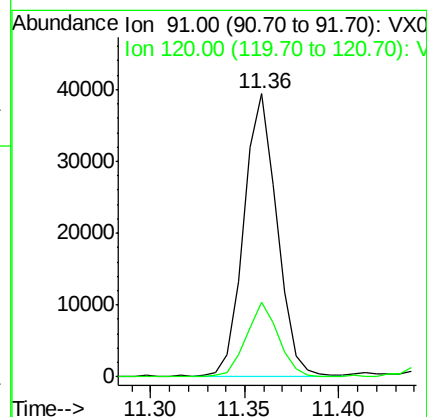
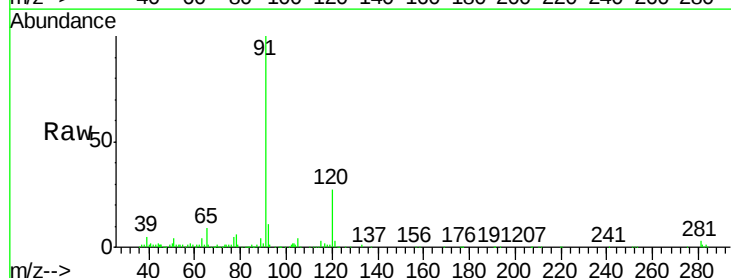
Acq: 11 Feb 2019 19:19

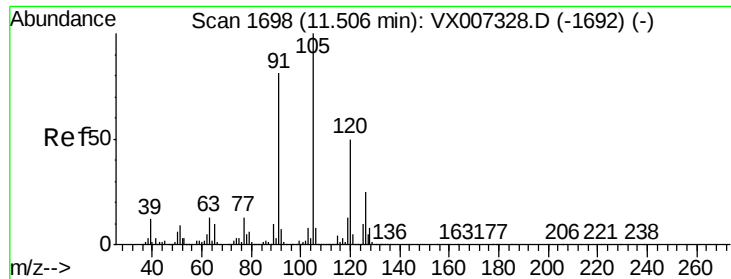
Tgt Ion: 91 Resp: 47964

Ion Ratio Lower Upper

91 100

120 25.2 12.4 37.2





#80

1,3,5-Trimethylbenzene

Concen: 0.637 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007477.D

Acq: 11 Feb 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

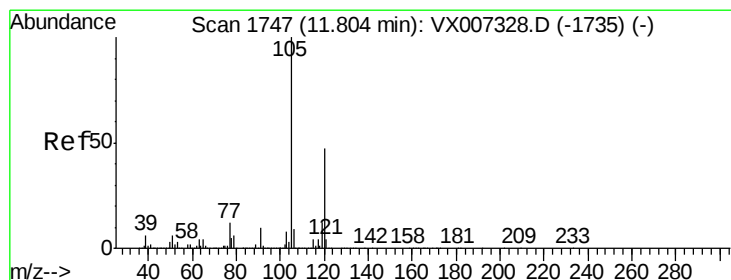
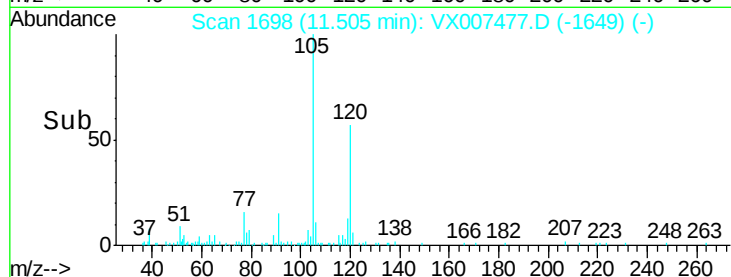
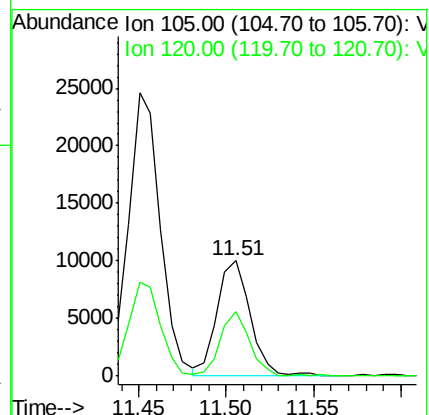
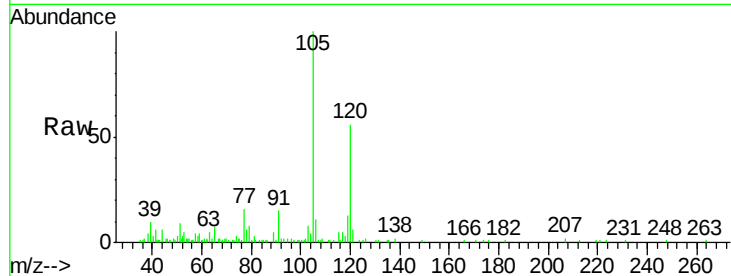
B-6-OW

Tot Ion:105 Resp: 13315

Ion Ratio Lower Upper

105 100

120 47.1 25.3 75.8



#84

1,2,4-Trimethylbenzene

Concen: 5.680 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007477.D

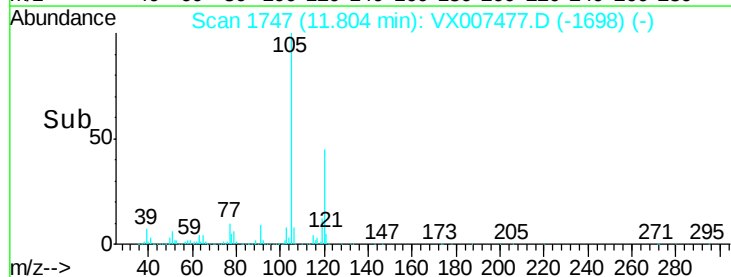
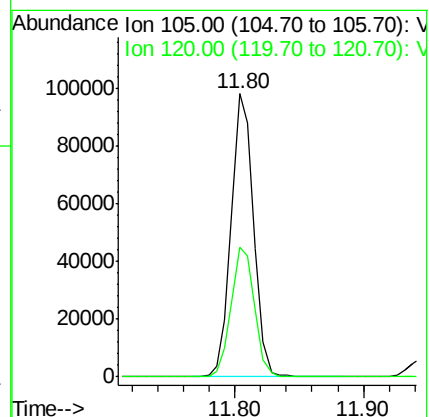
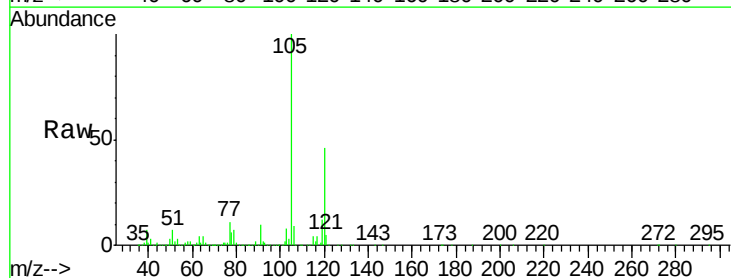
Acq: 11 Feb 2019 19:19

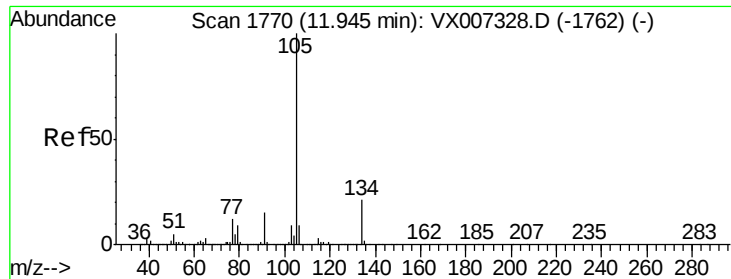
Tgt Ion:105 Resp: 120546

Ion Ratio Lower Upper

105 100

120 47.9 23.1 69.3





#85

sec-Butylbenzene

Concen: 0.331 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007477.D

Acq: 11 Feb 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

B-6-OW

Tot Ion:105 Resp: 8282

Ion Ratio Lower Upper

105 100

134 24.9 10.6 31.8

