

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007478.D
 Acq On : 11 Feb 2019 19:46
 Operator : JC/SP
 Sample : K1449-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-17-OW

Quant Time: Feb 12 12:35:20 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

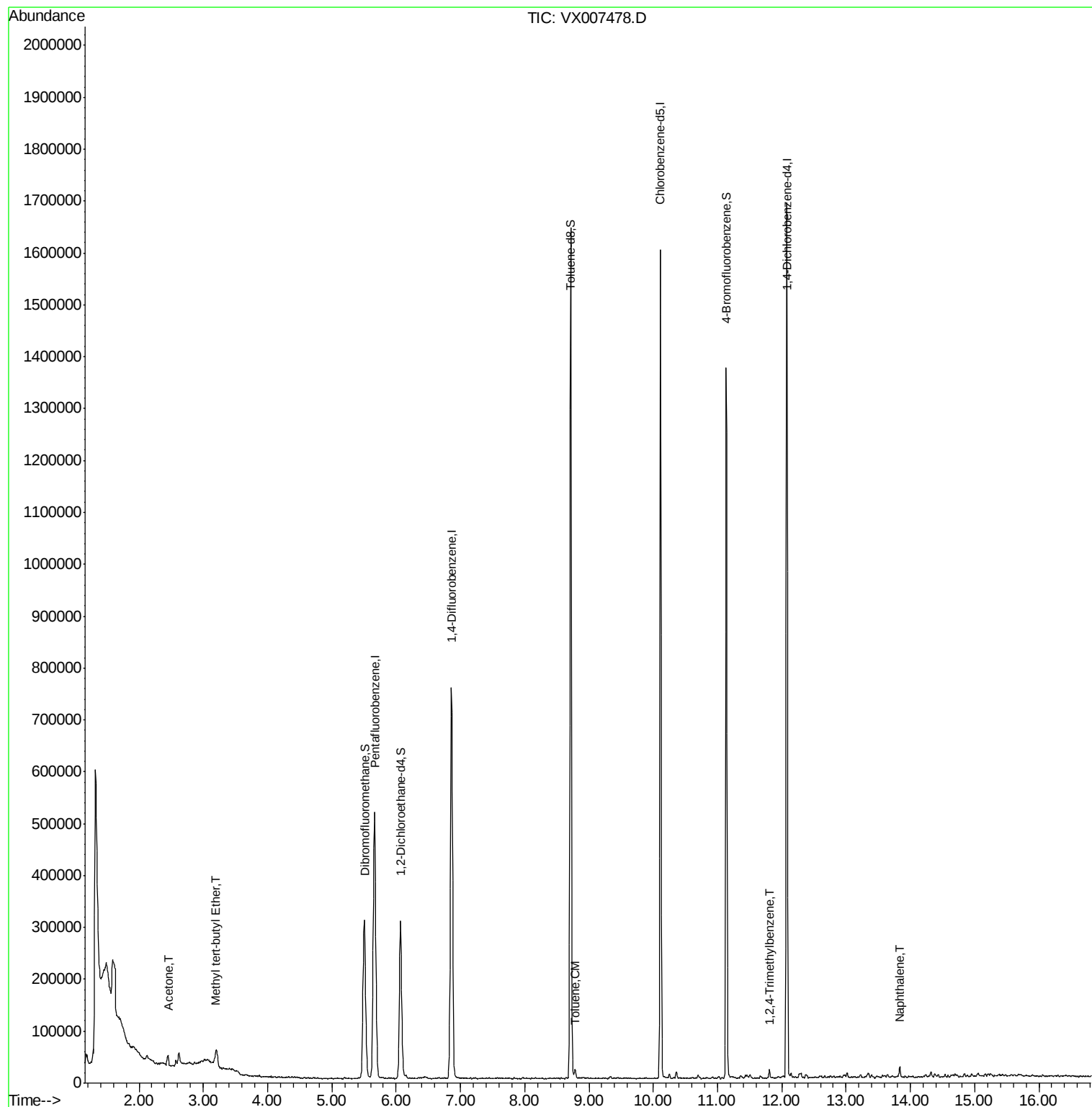
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	534709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	809062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	758648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	370952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	276219	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
35) Dibromofluoromethane	5.50	113	265007	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
50) Toluene-d8	8.71	98	969988	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	348279	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
Target Compounds						
16) Acetone	2.45	43	19491	7.497	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	35407	2.141	ug/l	97
52) Toluene	8.78	92	6323	0.458	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	7310	0.349	ug/l	97
95) Naphthalene	13.83	128	12953	0.518	ug/l #	96

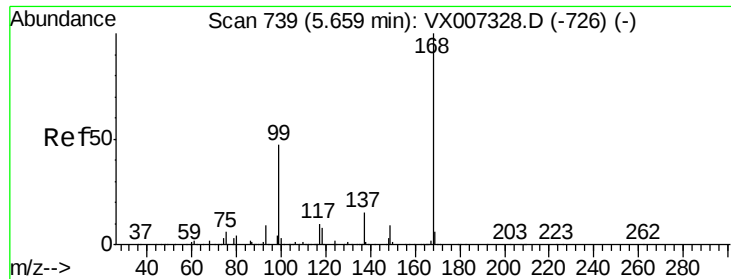
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007478.D

Acq: 11 Feb 2019 19:46

Instrument :

MSVOA_X

ClientSampleId :

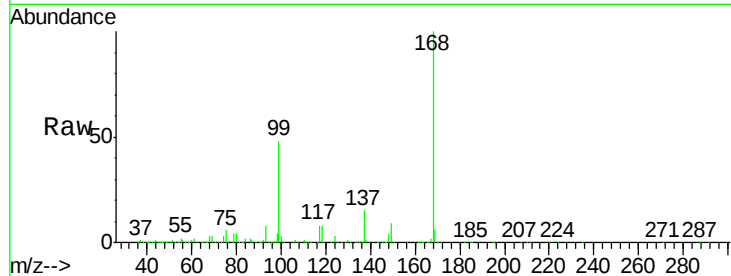
B-17-OW

Tot Ion:168 Resp: 534709

Ion Ratio Lower Upper

168 100

99 47.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

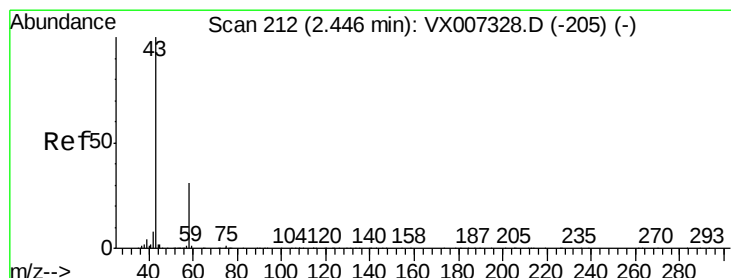
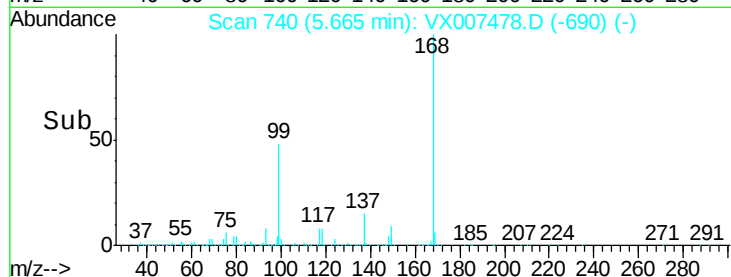
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.497 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007478.D

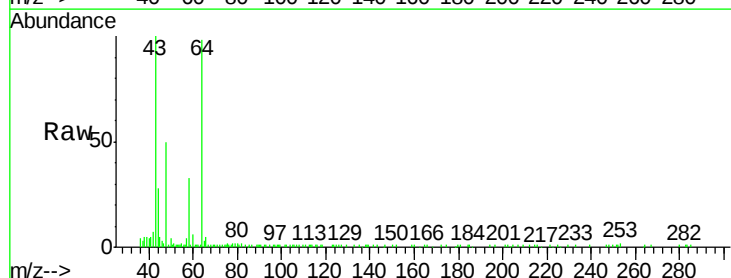
Acq: 11 Feb 2019 19:46

Tgt Ion: 43 Resp: 19491

Ion Ratio Lower Upper

43 100

58 31.2 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

12000

10000

8000

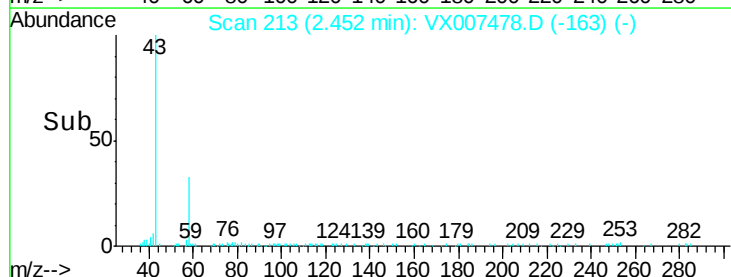
6000

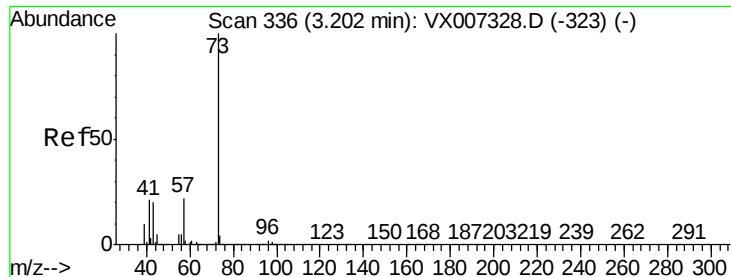
4000

2000

0

Time--> 2.40 2.45 2.50

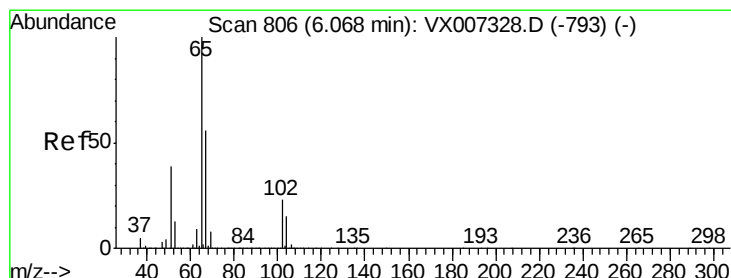
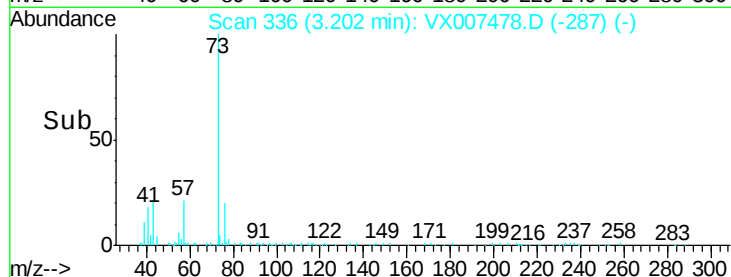
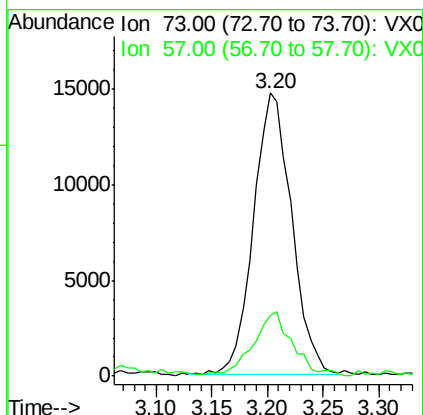
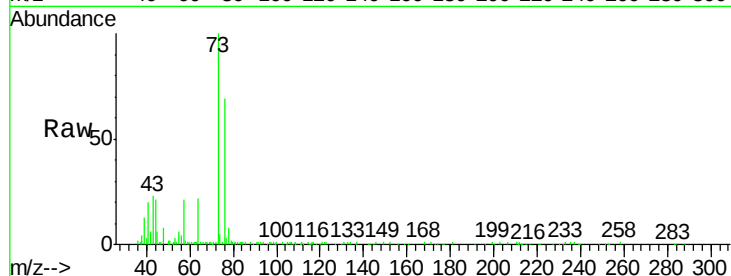




#19
Methvl tert-butvl Ether
Concen: 2.141 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007478.D
Acq: 11 Feb 2019 19:46

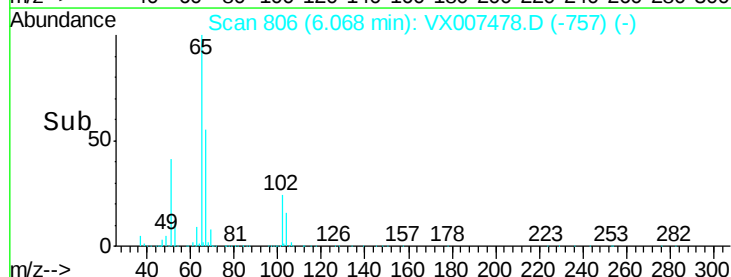
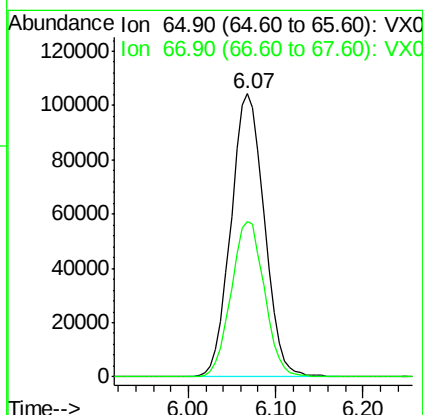
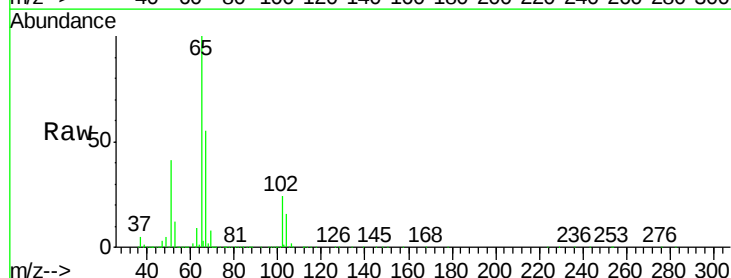
Instrument :
MSVOA_X
ClientSampleId :
B-17-OW

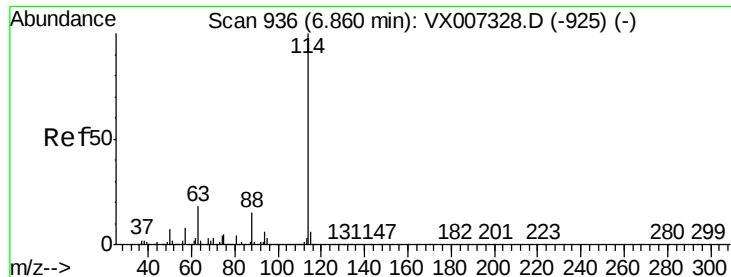
Tot Ion: 73 Resp: 35407
Ion Ratio Lower Upper
73 100
57 20.7 17.8 26.8



#33
1,2-Dichloroethane-d4
Concen: 48.669 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007478.D
Acq: 11 Feb 2019 19:46

Tgt Ion: 65 Resp: 276219
Ion Ratio Lower Upper
65 100
67 55.0 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: VX007478.D

Acq: 11 Feb 2019 19:46

Instrument :

MSVOA_X

ClientSampleId :

B-17-OW

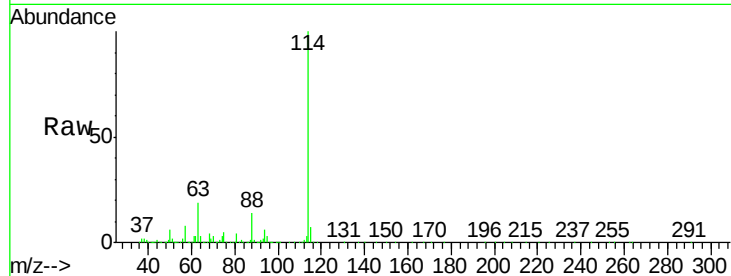
Tot Ion:114 Resp: 809062

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

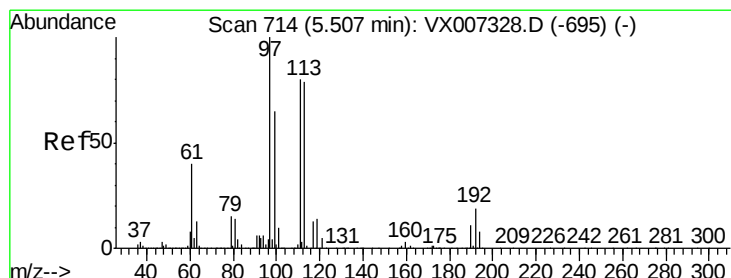
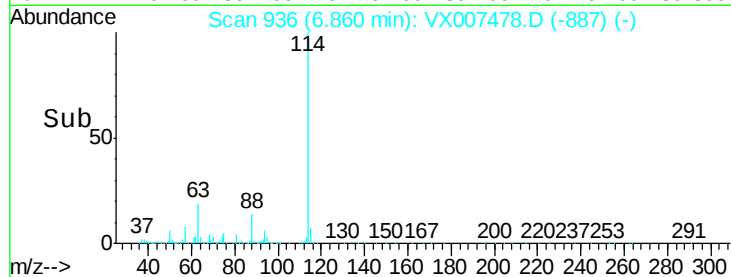
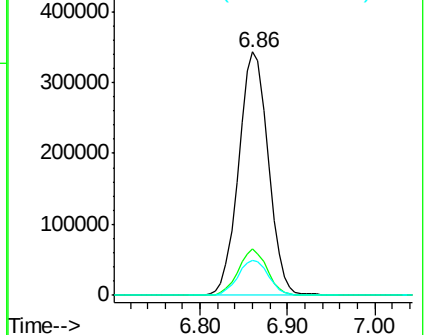
88 14.5 0.0 29.6



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: 50.341 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007478.D

Acq: 11 Feb 2019 19:46

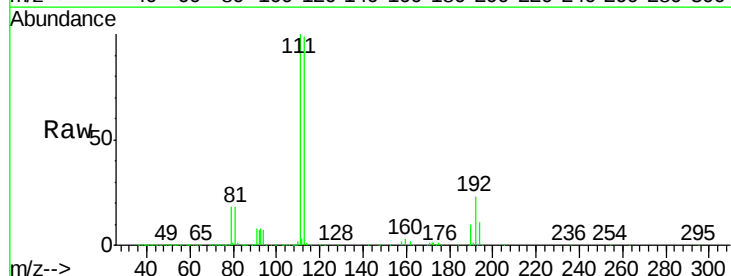
Tgt Ion:113 Resp: 265007

Ion Ratio Lower Upper

113 100

111 101.1 81.8 122.8

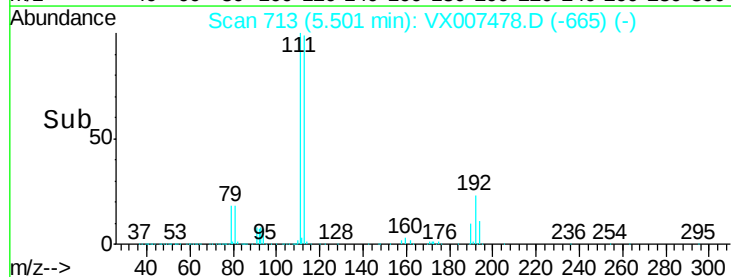
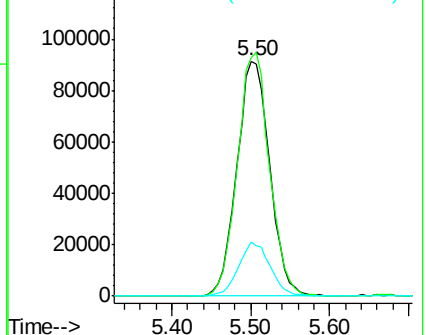
192 22.2 18.5 27.7

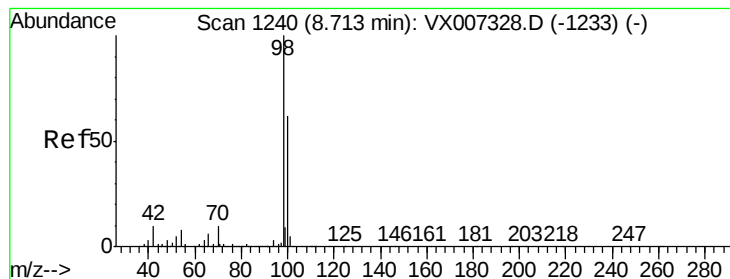


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.663 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007478.D

Acq: 11 Feb 2019 19:46

Instrument :

MSVOA_X

ClientSampleId :

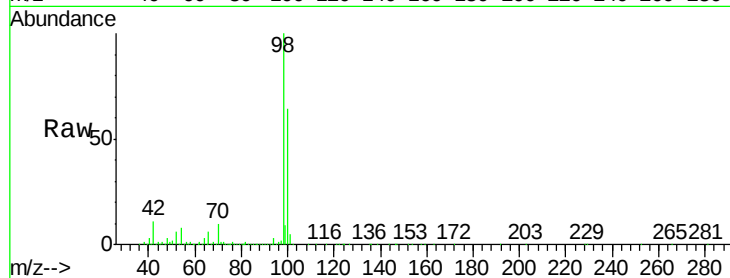
B-17-OW

Tot Ion: 98 Resp: 969988

Ion Ratio Lower Upper

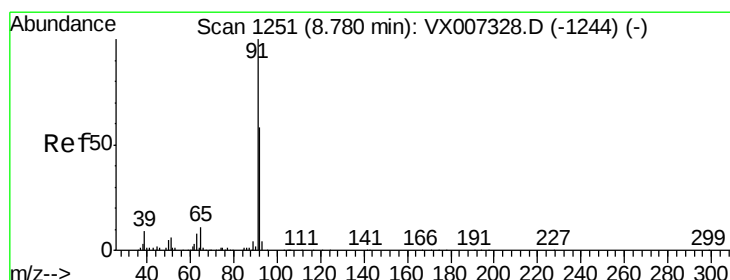
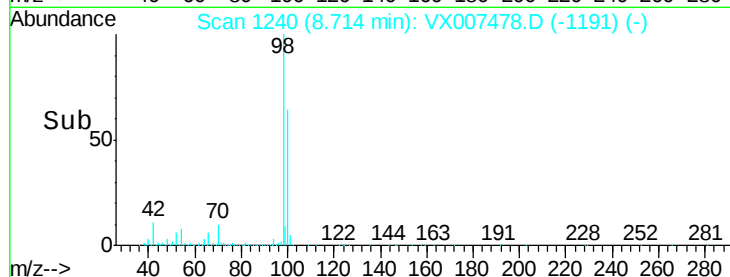
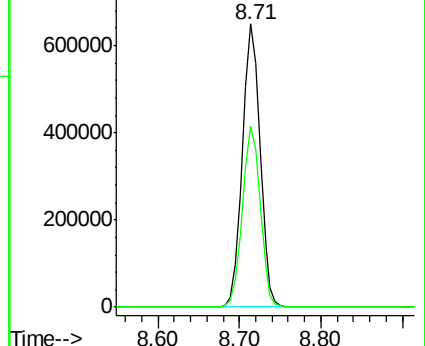
98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 0.458 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007478.D

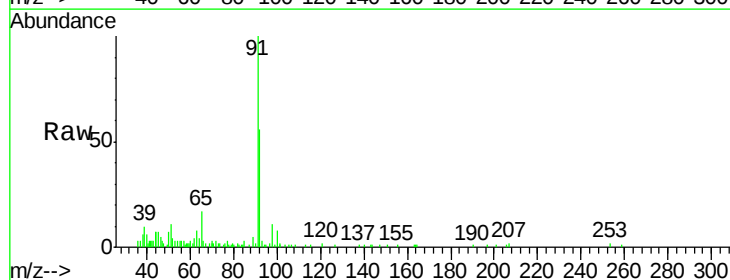
Acq: 11 Feb 2019 19:46

Tgt Ion: 92 Resp: 6323

Ion Ratio Lower Upper

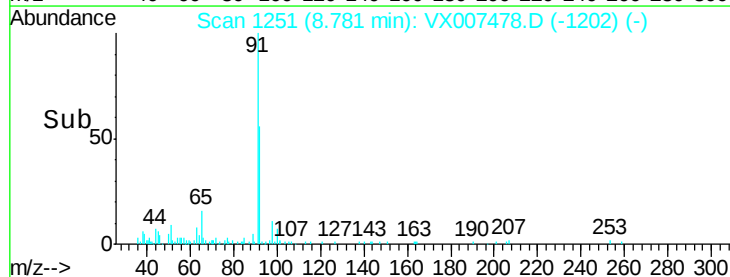
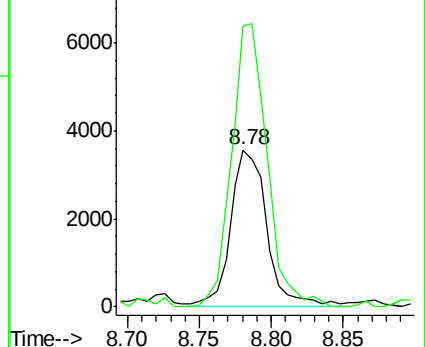
92 100

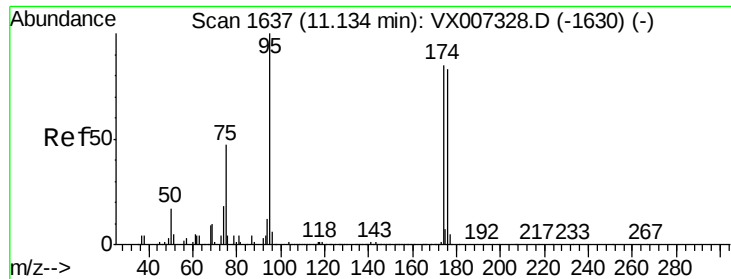
91 174.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

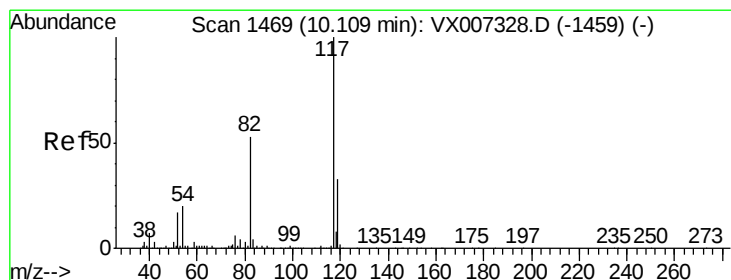
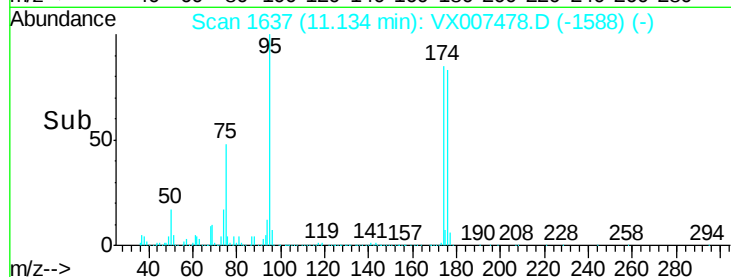
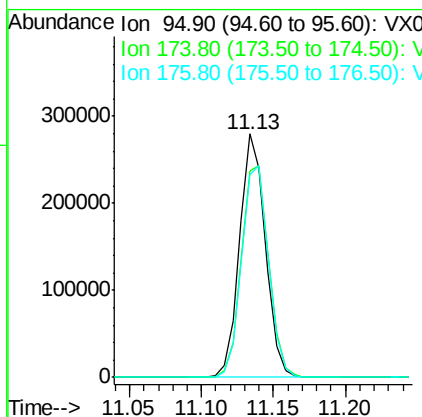
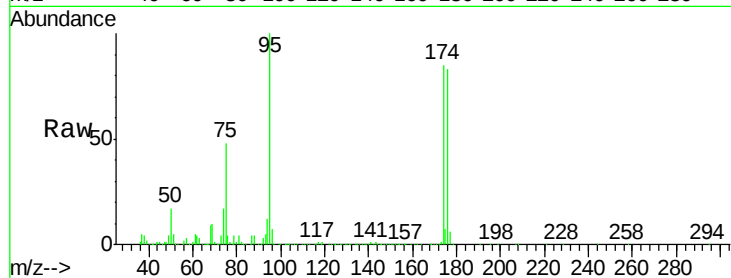




#62
4-Bromofluorobenzene
Concen: 48.841 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007478.D
Acq: 11 Feb 2019 19:46

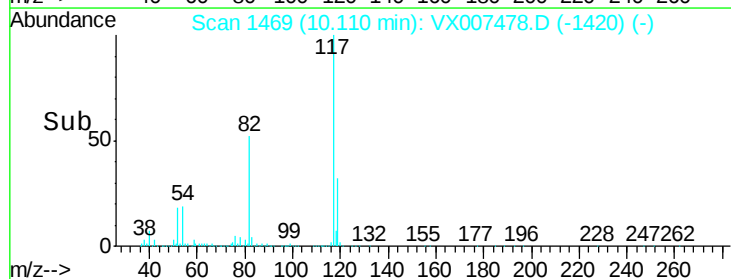
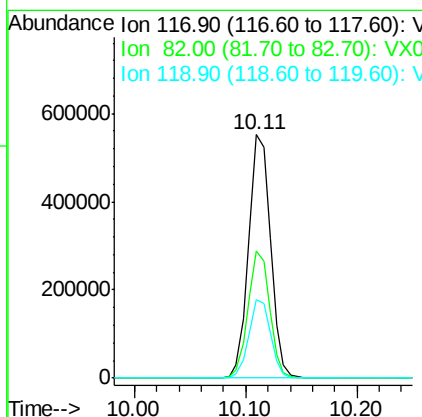
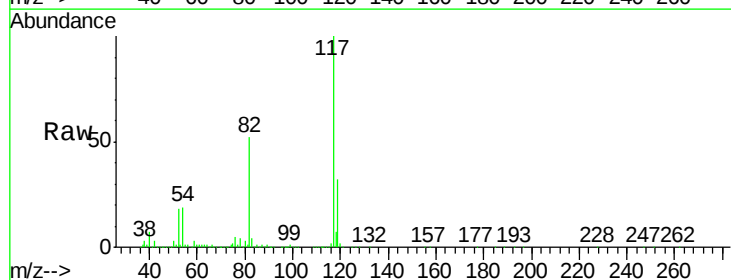
Instrument :
MSVOA_X
ClientSampleId :
B-17-OW

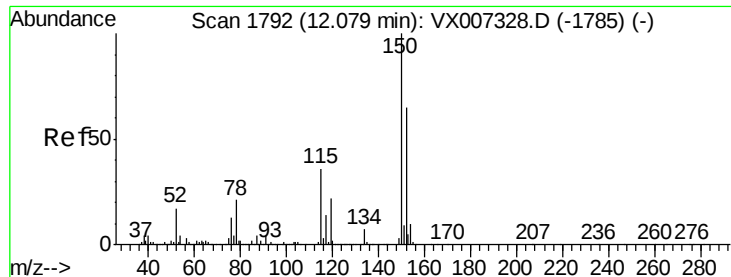
Tot Ion: 95 Resp: 348279
Ion Ratio Lower Upper
95 100
174 91.9 0.0 189.2
176 90.2 0.0 186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007478.D
Acq: 11 Feb 2019 19:46

Tgt Ion: 117 Resp: 758648
Ion Ratio Lower Upper
117 100
82 52.1 42.1 63.1
119 32.1 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007478.D

Acq: 11 Feb 2019 19:46

Instrument :

MSVOA_X

ClientSampled :

B-17-OW

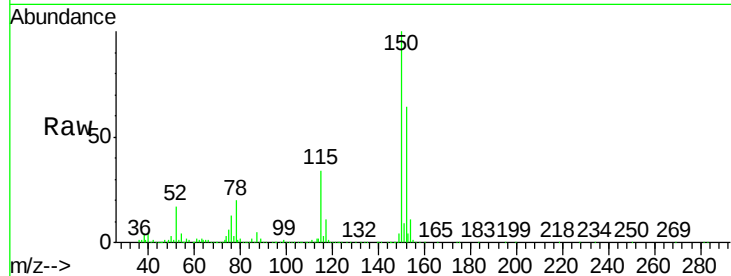
Tot Ion:152 Resp: 370952

Ion Ratio Lower Upper

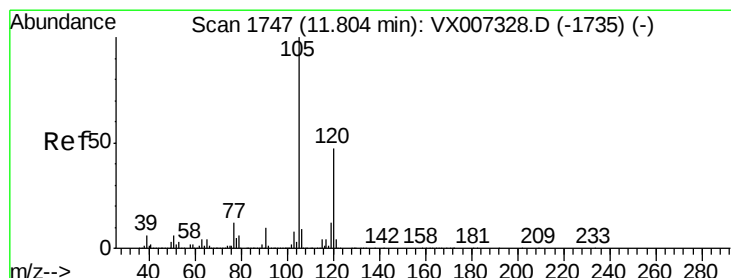
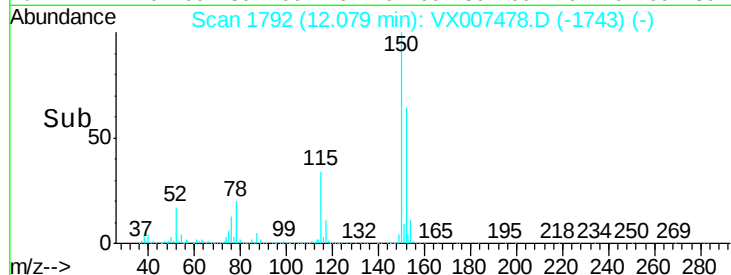
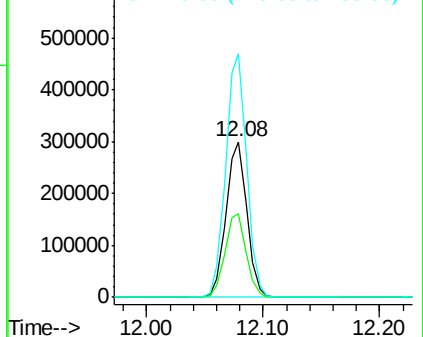
152 100

115 54.6 38.0 114.0

150 157.2 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



#84

1,2,4-Trimethylbenzene

Concen: 0.349 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007478.D

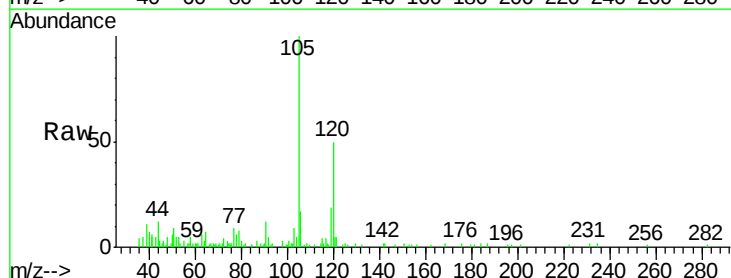
Acq: 11 Feb 2019 19:46

Tgt Ion:105 Resp: 7310

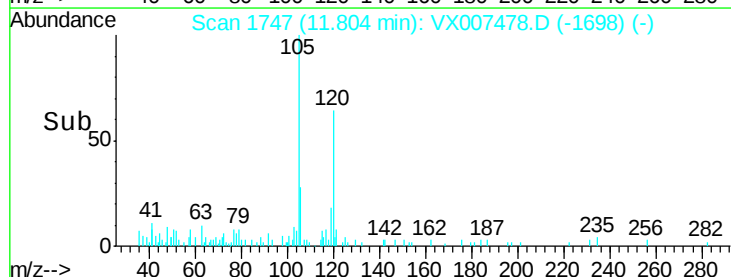
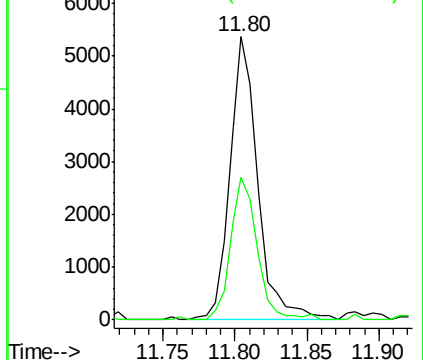
Ion Ratio Lower Upper

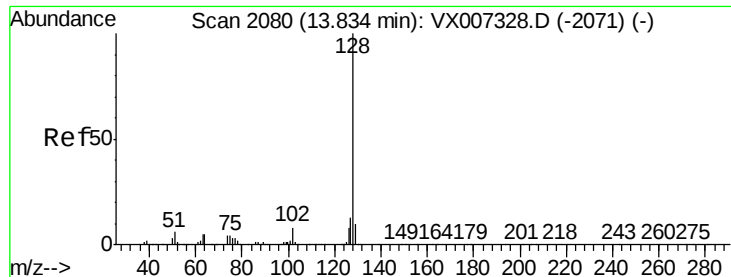
105 100

120 48.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 0.518 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007478.D

Acq: 11 Feb 2019 19:46

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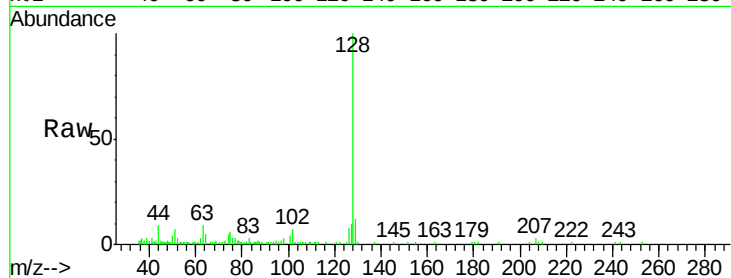
Tot Ion:128 Resp: 12953

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 13.9 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

