

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008290.D
 Acq On : 21 Mar 2019 14:58
 Operator : JC/SP
 Sample : K1963-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW04-20190314

Quant Time: Mar 22 09:13:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	485743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162454	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	206908	46.83	ug/l	0.00
Spiked Amount			Recovery	=	93.66%	
35) Dibromofluoromethane	5.50	113	156065	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	589810	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	188855	44.49	ug/l	0.00
Spiked Amount			Recovery	=	88.98%	

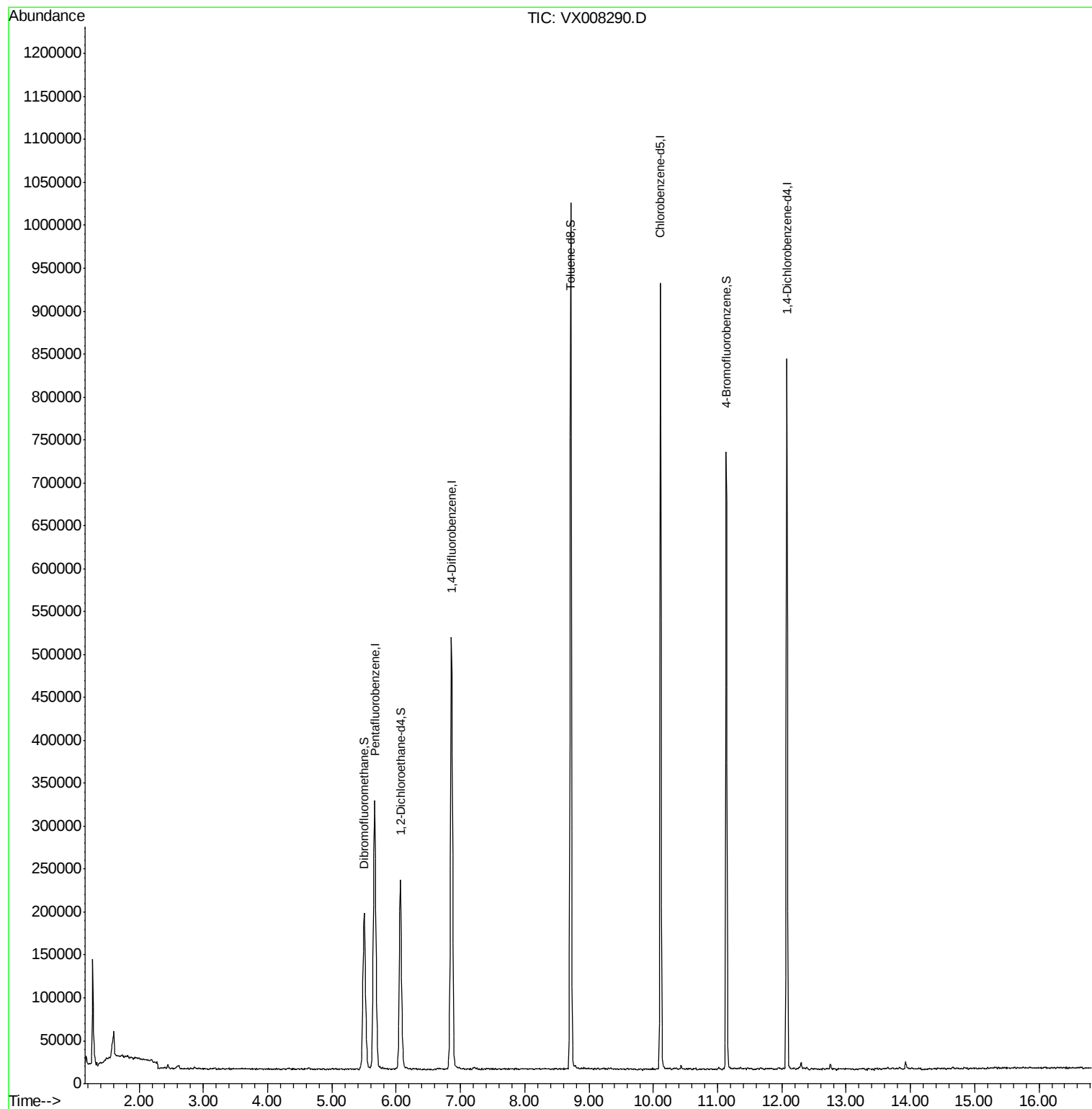
Target Compounds	Qvalue
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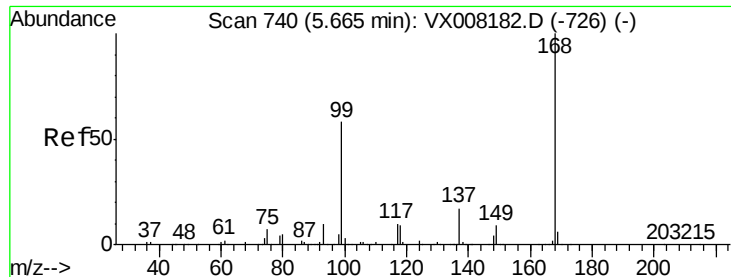
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008290.D

Acq: 21 Mar 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

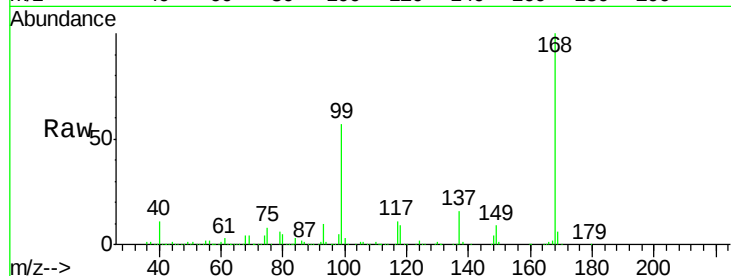
BP-TT-AOC22-MW04-20190314

Tot Ion:168 Resp: 293336

Ion Ratio Lower Upper

168 100

99 57.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

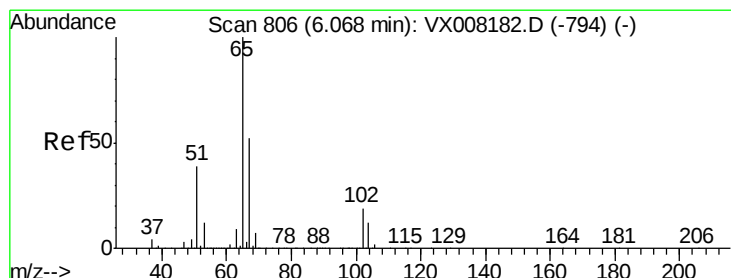
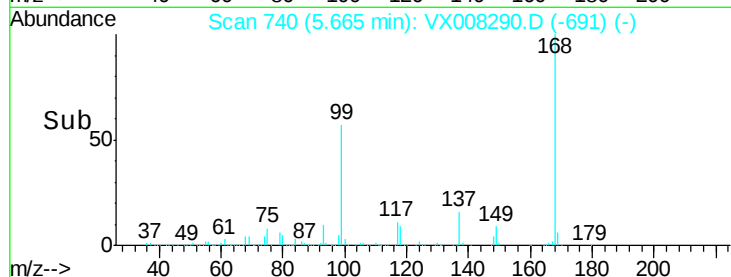
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.834 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008290.D

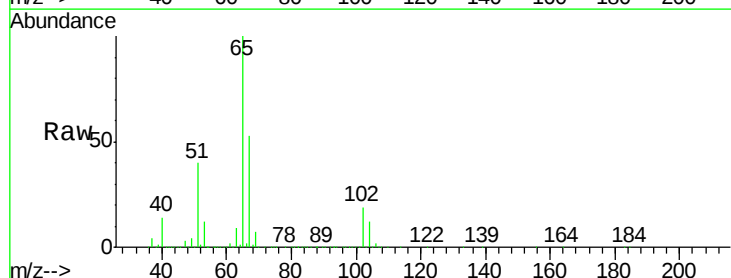
Acq: 21 Mar 2019 14:58

Tgt Ion: 65 Resp: 206908

Ion Ratio Lower Upper

65 100

67 52.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

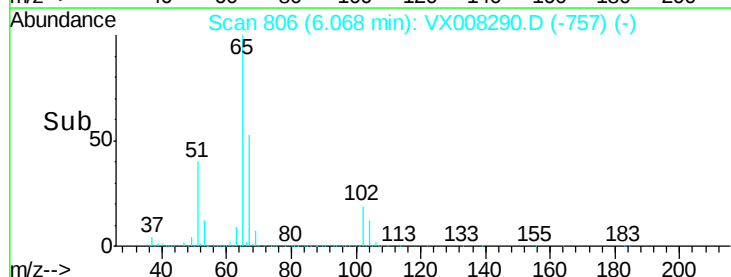
60000

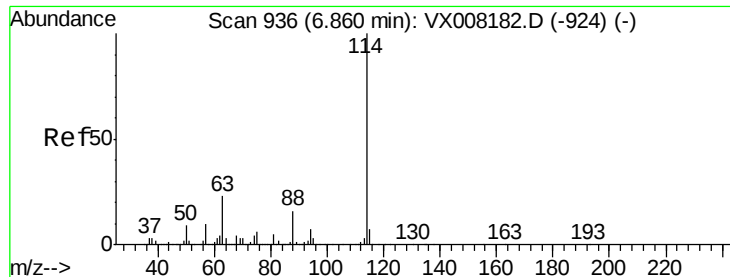
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008290.D

Acq: 21 Mar 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW04-20190314

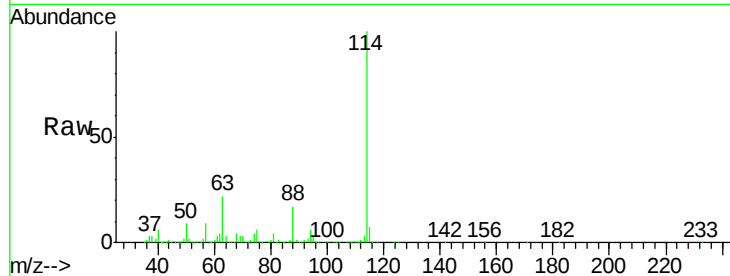
Tot Ion:114 Resp: 485743

Ion Ratio Lower Upper

114 100

63 22.3 0.0 39.8

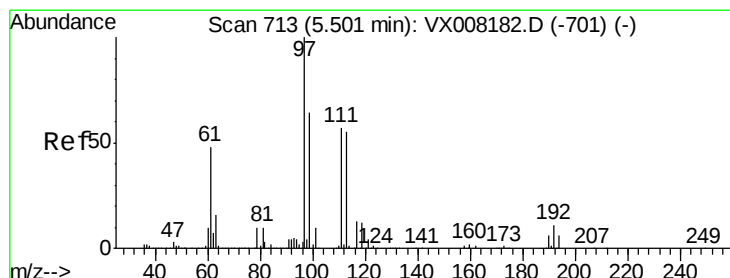
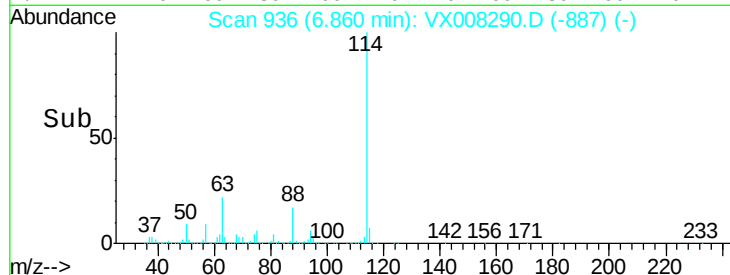
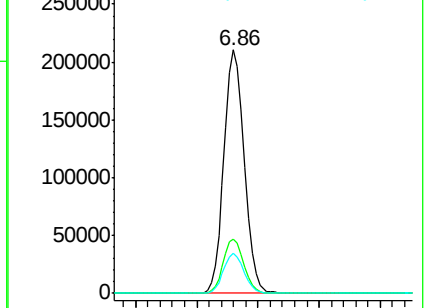
88 16.5 0.0 31.4



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: 47.994 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008290.D

Acq: 21 Mar 2019 14:58

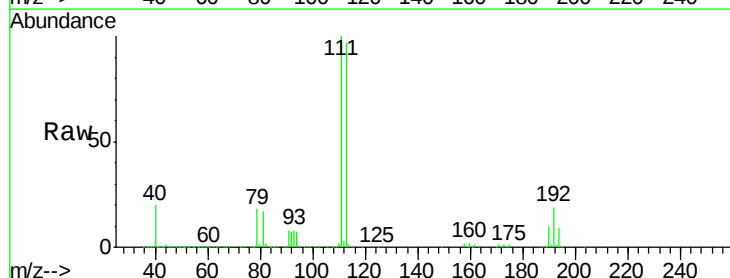
Tgt Ion:113 Resp: 156065

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

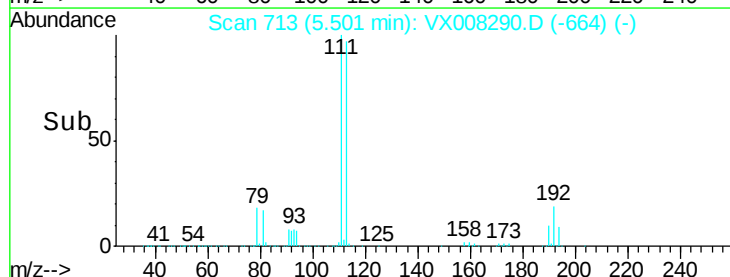
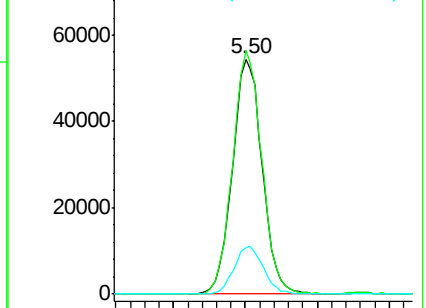
192 20.1 19.4 29.0

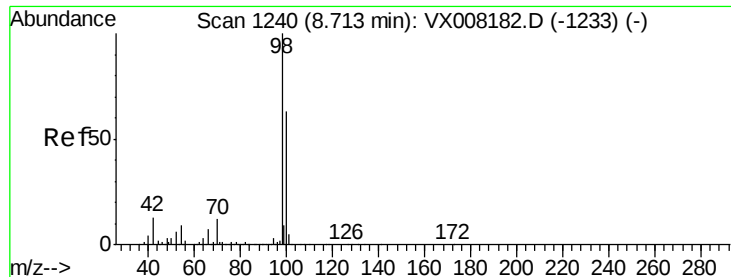


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.841 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008290.D

Acq: 21 Mar 2019 14:58

Instrument :

MSVOA_X

ClientSampleId :

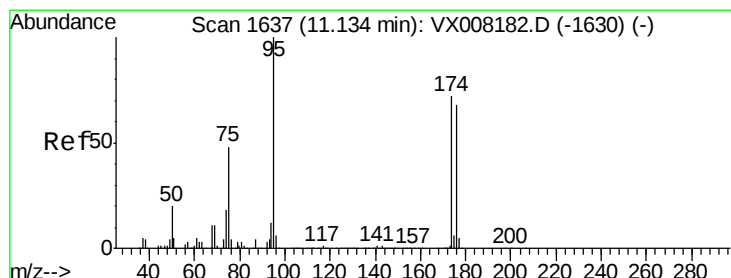
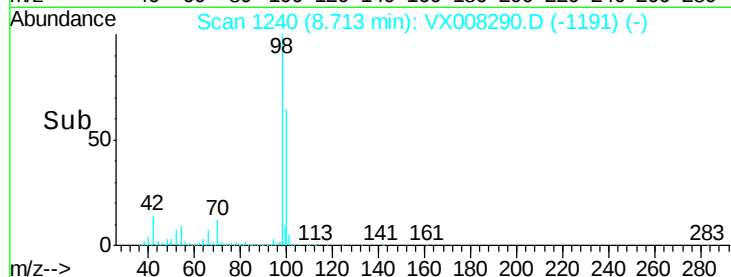
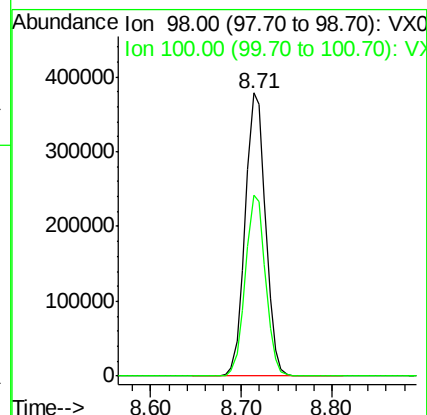
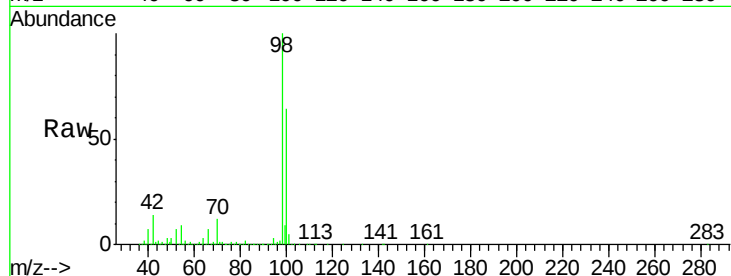
BP-TT-AOC22-MW04-20190314

Tot Ion: 98 Resp: 589810

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 44.490 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008290.D

Acq: 21 Mar 2019 14:58

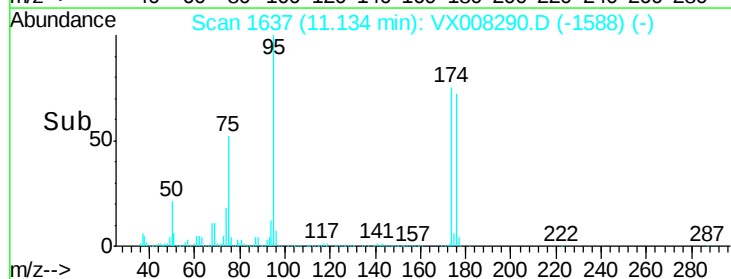
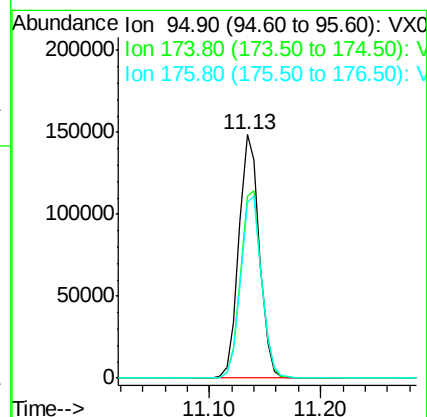
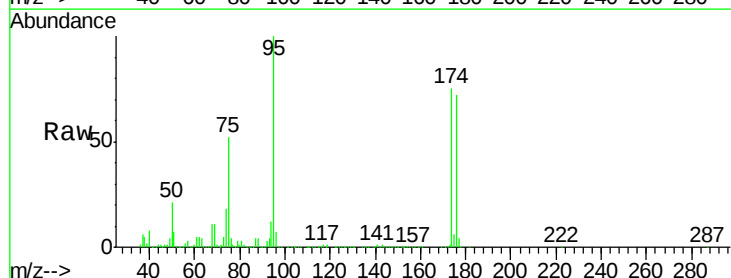
Tgt Ion: 95 Resp: 188855

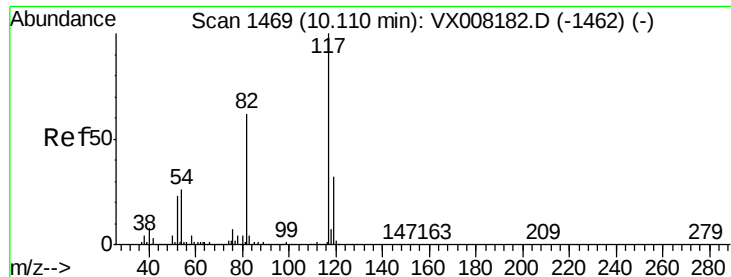
Ion Ratio Lower Upper

95 100

174 79.2 0.0 182.8

176 76.7 0.0 178.0

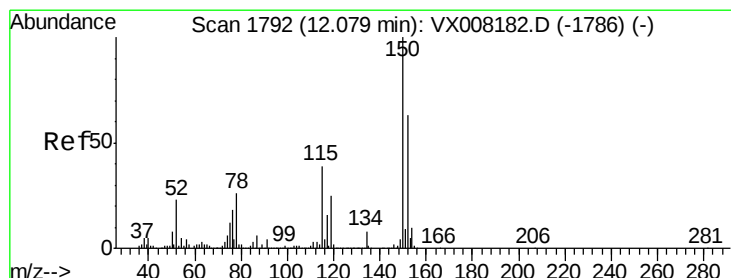
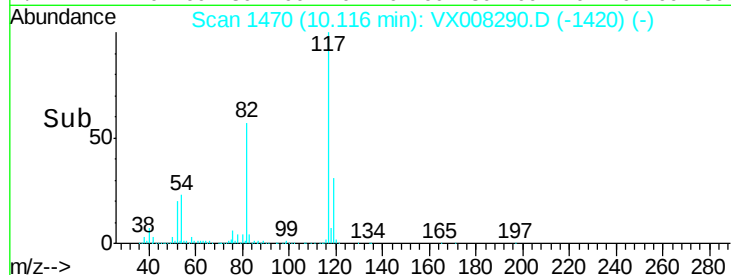
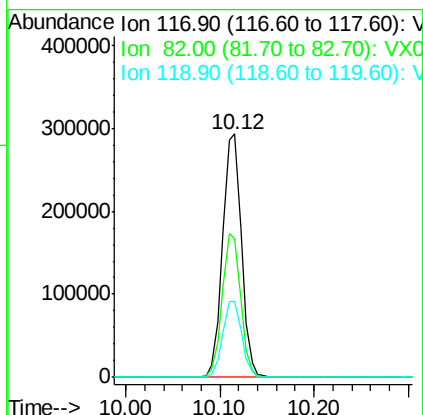
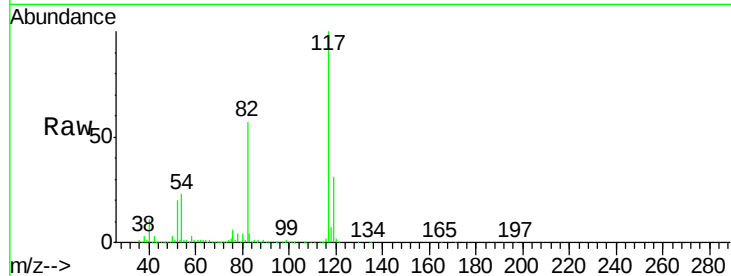




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008290.D
Acq: 21 Mar 2019 14:58

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW04-20190314

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.3	66.5
119	31.4	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008290.D
Acq: 21 Mar 2019 14:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	38.6	115.7
150	157.1	0.0	348.4

