

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008215.D
 Acq On : 20 Mar 2019 02:22
 Operator : JC/SP
 Sample : K1900-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30412-20190312

Quant Time: Mar 20 10:21:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	331842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	537300	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	450347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176020	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	228759	45.77	ug/l	0.00
Spiked Amount						
			Recovery	=	91.54%	
35) Dibromofluoromethane	5.50	113	167719	46.63	ug/l	0.00
Spiked Amount						
			Recovery	=	93.26%	
50) Toluene-d8	8.71	98	656177	48.12	ug/l	0.00
Spiked Amount						
			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	11.13	95	206841	44.05	ug/l	0.00
Spiked Amount						
			Recovery	=	88.10%	

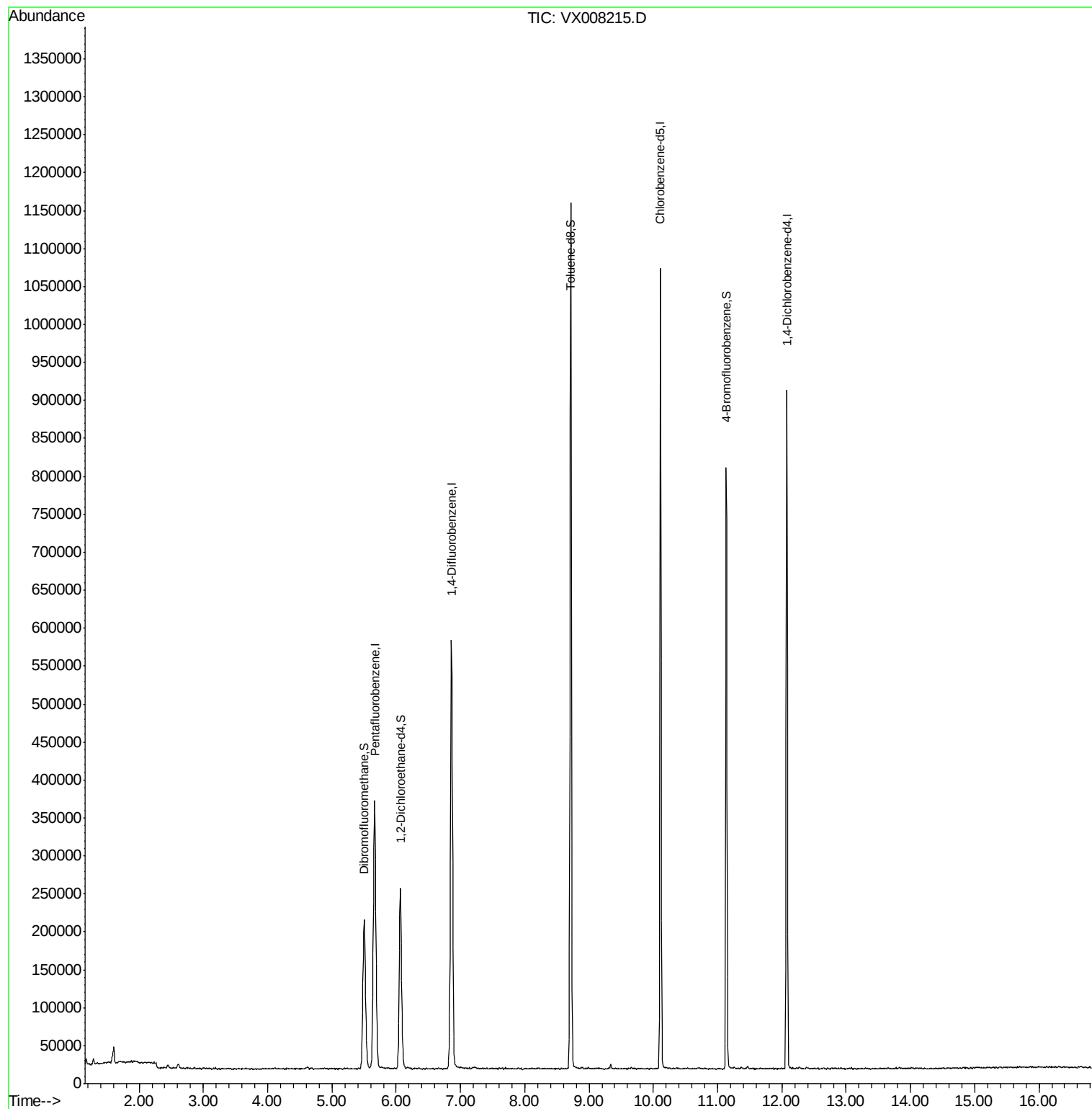
Target Compounds	Qvalue

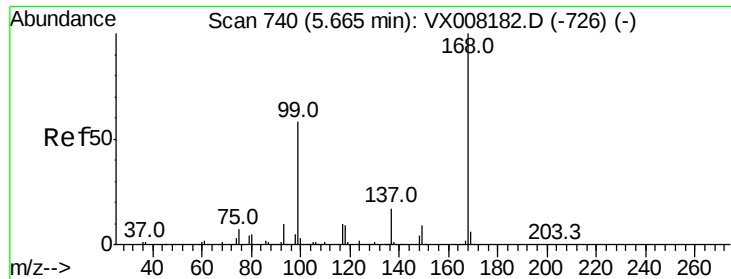
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008215.D

Acq: 20 Mar 2019 02:22

Instrument :

MSVOA_X

ClientSampleId :

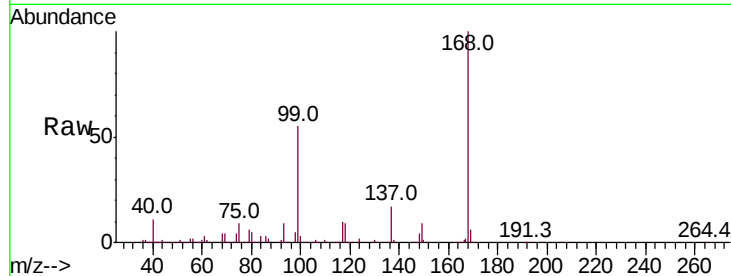
BPS1-TT-MW30412-20190312

Tot Ion:168 Resp: 331842

Ion Ratio Lower Upper

168 100

99 55.1 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

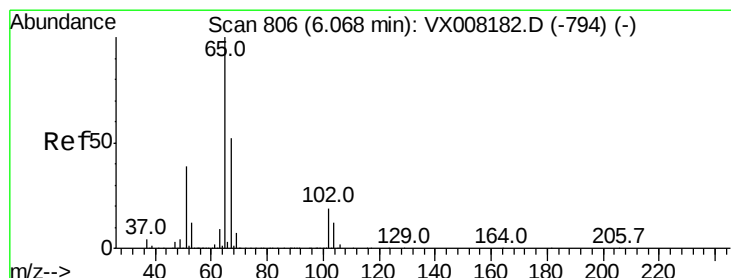
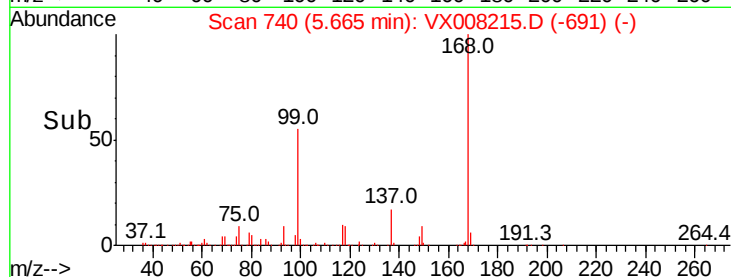
100000

50000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.772 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008215.D

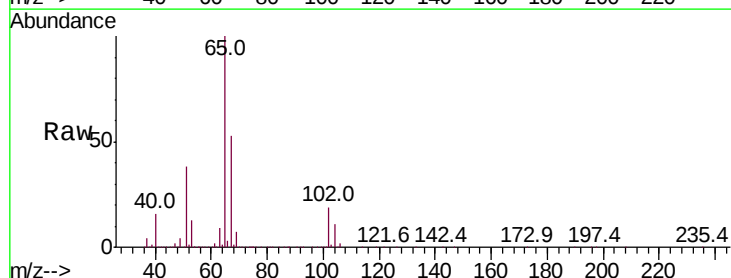
Acq: 20 Mar 2019 02:22

Tgt Ion: 65 Resp: 228759

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

100000

80000

60000

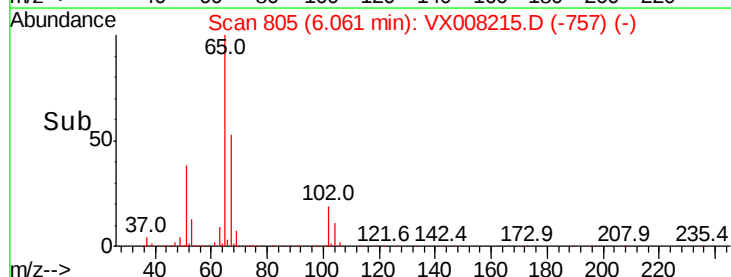
40000

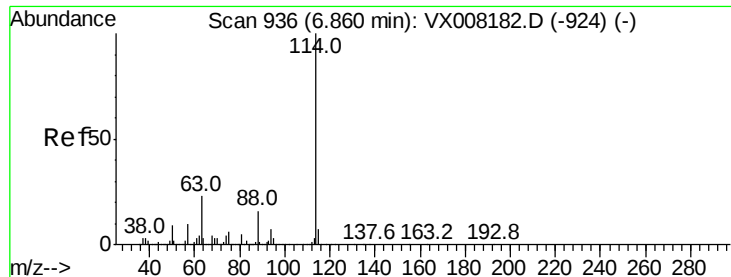
20000

0

Time-->

5.90 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: VX008215.D

Acq: 20 Mar 2019 02:22

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30412-20190312

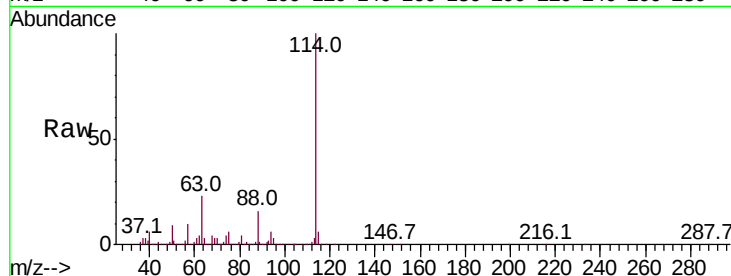
Tot Ion:114 Resp: 537300

Ion Ratio Lower Upper

114 100

63 23.1 0.0 39.8

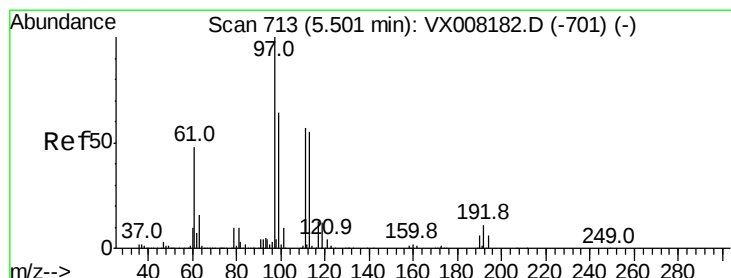
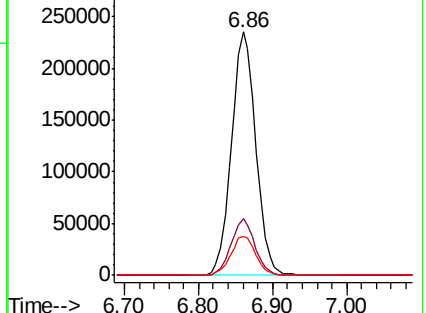
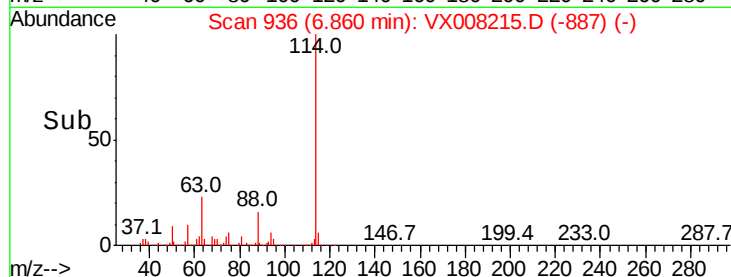
88 16.1 0.0 31.4



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: 46.629 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008215.D

Acq: 20 Mar 2019 02:22

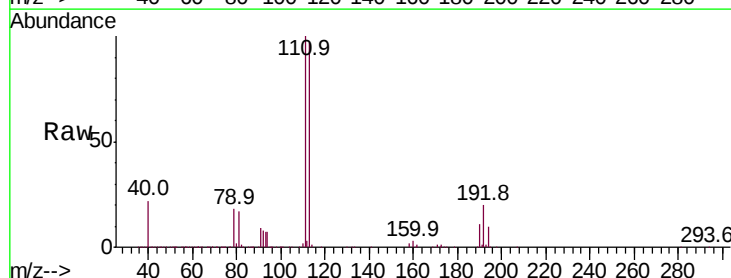
Tgt Ion:113 Resp: 167719

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

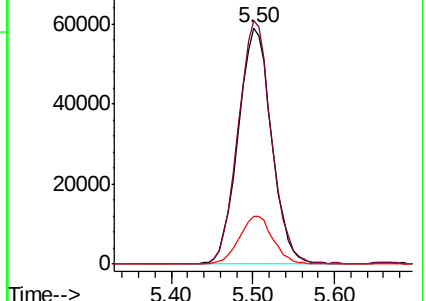
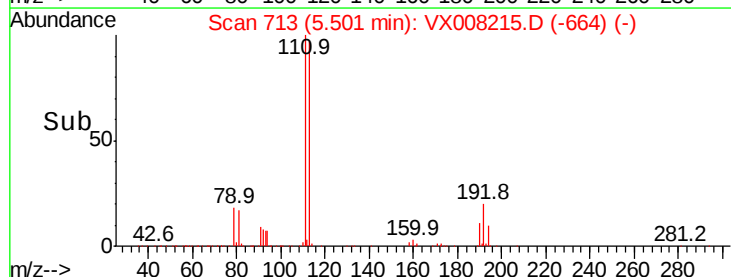
192 20.5 19.4 29.0

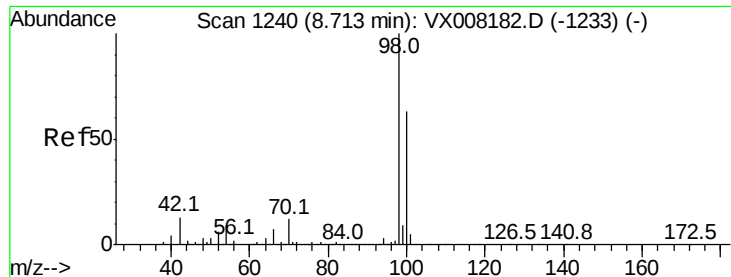


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.117 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008215.D

Acq: 20 Mar 2019 02:22

Instrument :

MSVOA_X

ClientSampleId :

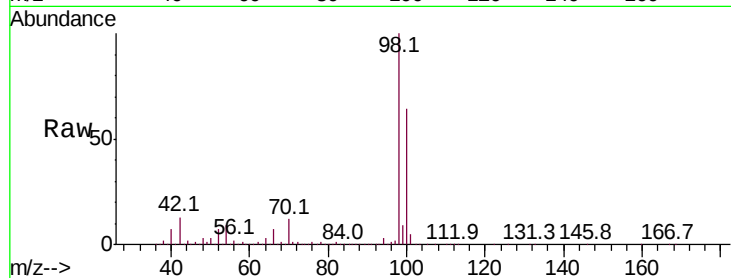
BPS1-TT-MW30412-20190312

Tot Ion: 98 Resp: 656177

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

400000

300000

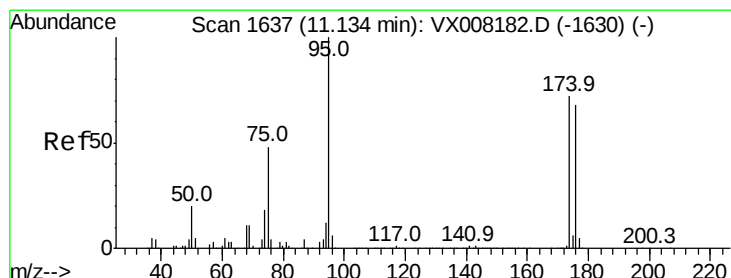
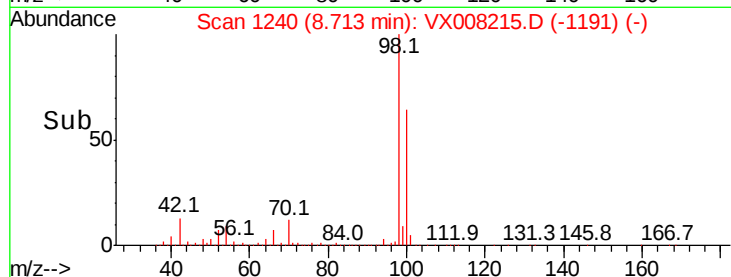
200000

100000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 44.051 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008215.D

Acq: 20 Mar 2019 02:22

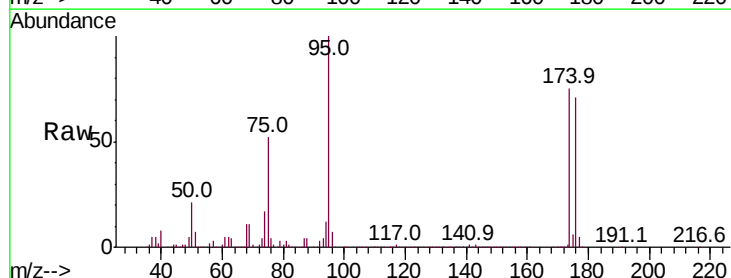
Tgt Ion: 95 Resp: 206841

Ion Ratio Lower Upper

95 100

174 78.9 0.0 182.8

176 76.0 0.0 178.0



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

11.13

200000

150000

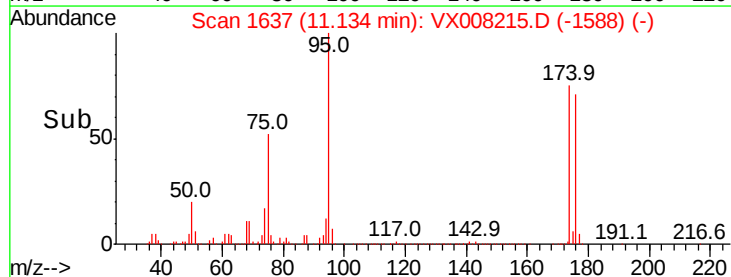
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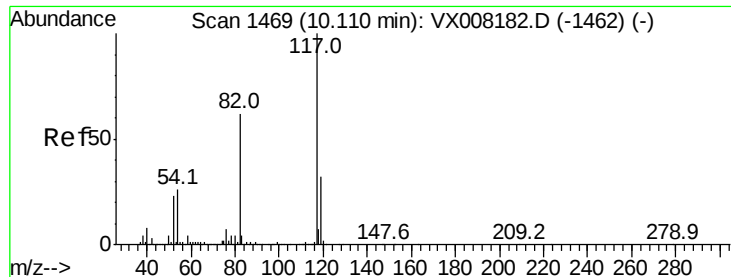
50000

0

Time-->

11.10 11.20

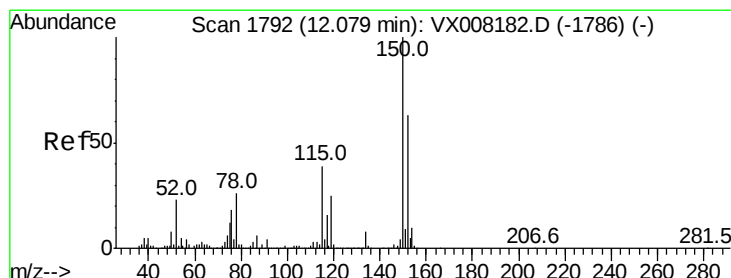
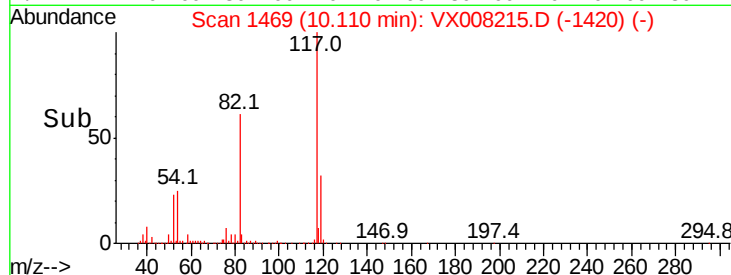
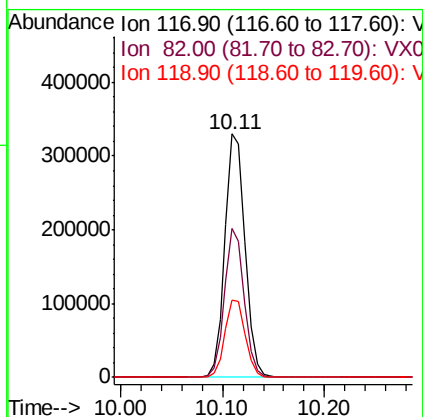
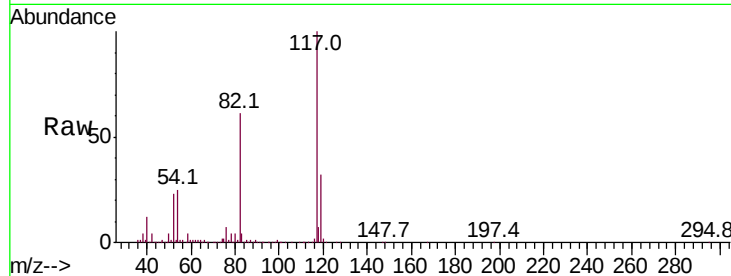




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008215.D
Acq: 20 Mar 2019 02:22

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30412-20190312

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	44.3	66.5
119	31.9	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: VX008215.D
Acq: 20 Mar 2019 02:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	38.6	115.7
150	157.9	0.0	348.4

