

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008216.D
 Acq On : 20 Mar 2019 02:47
 Operator : JC/SP
 Sample : K1900-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30411-20190312

Quant Time: Mar 20 10:21:55 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	328984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	534307	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	449099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179221	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	225937	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
35) Dibromofluoromethane	5.50	113	168130	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	8.71	98	656348	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.13	95	207744	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	

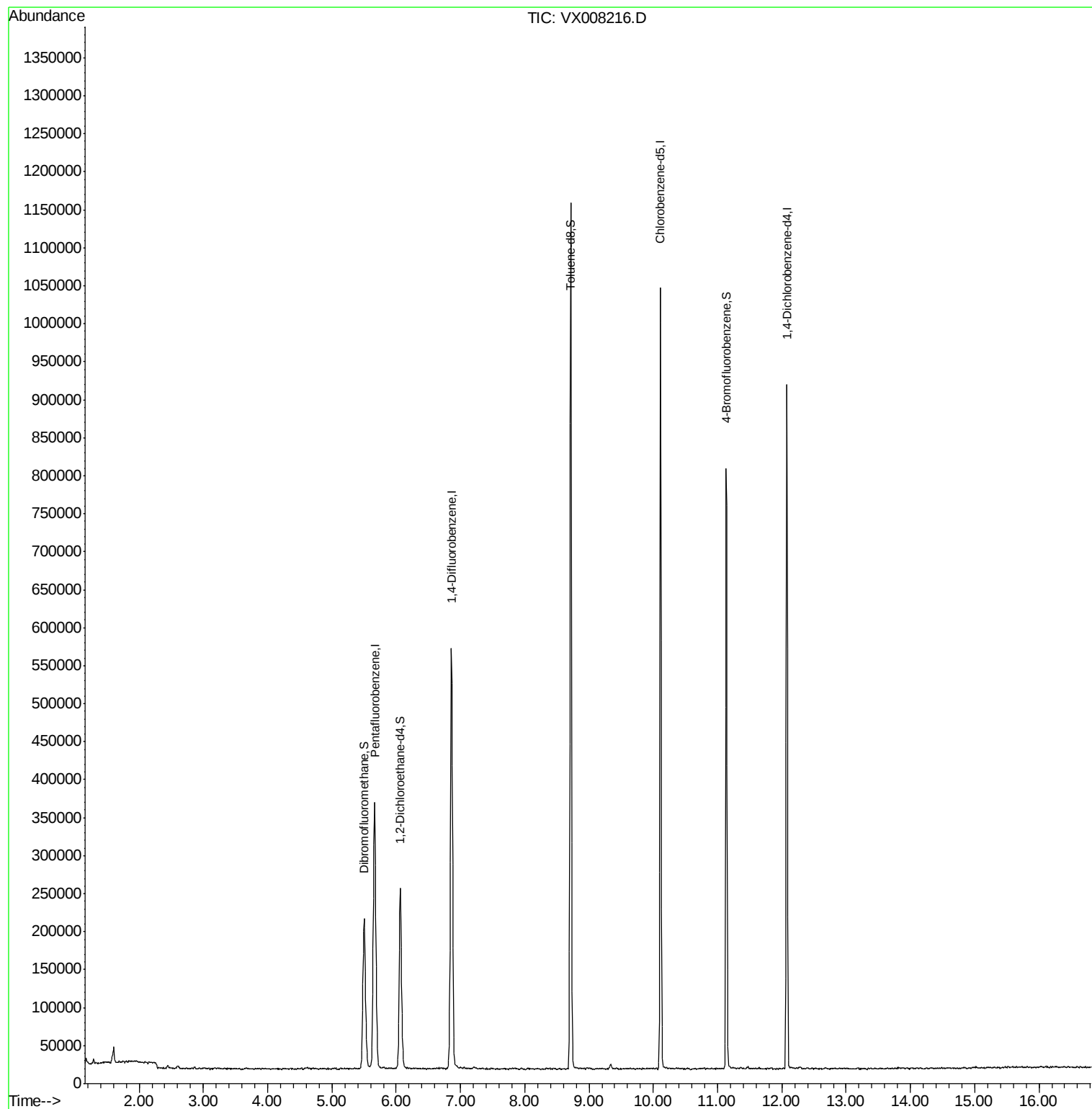
Target Compounds	Qvalue
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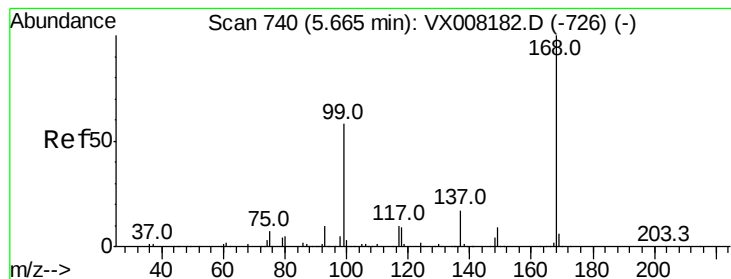
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008216.D

Acq: 20 Mar 2019 02:47

Instrument :

MSVOA_X

ClientSampleId :

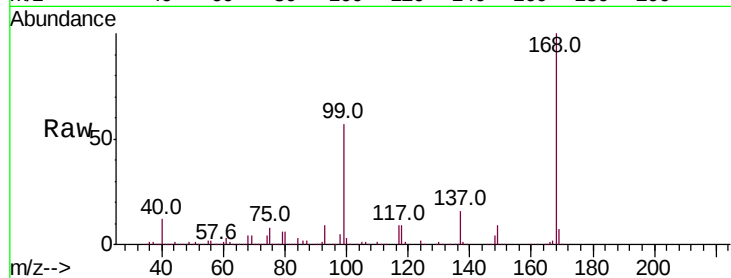
BPS1-TT-MW30411-20190312

Tot Ion:168 Resp: 328984

Ion Ratio Lower Upper

168 100

99 56.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

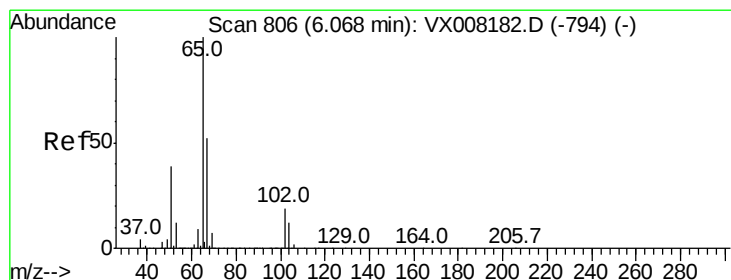
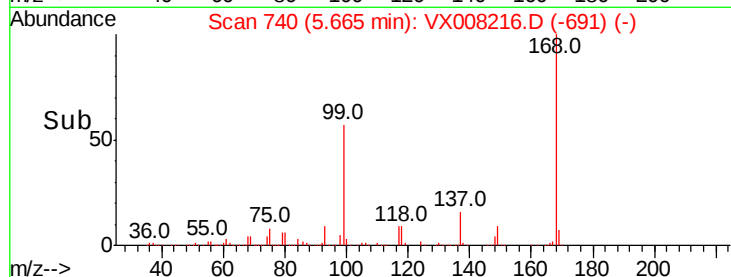
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.600 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008216.D

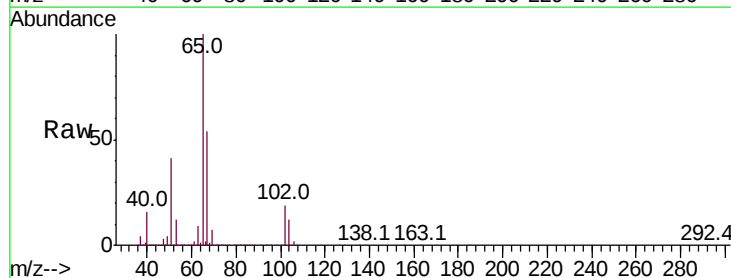
Acq: 20 Mar 2019 02:47

Tgt Ion: 65 Resp: 225937

Ion Ratio Lower Upper

65 100

67 53.0 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

100000

80000

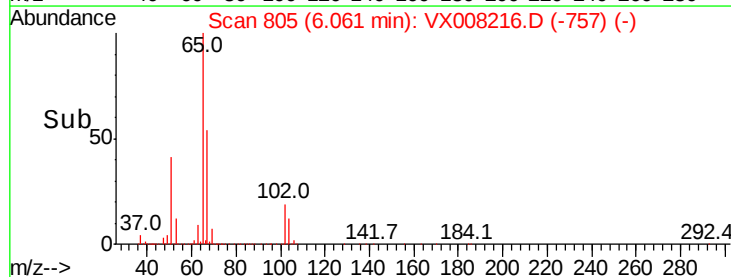
60000

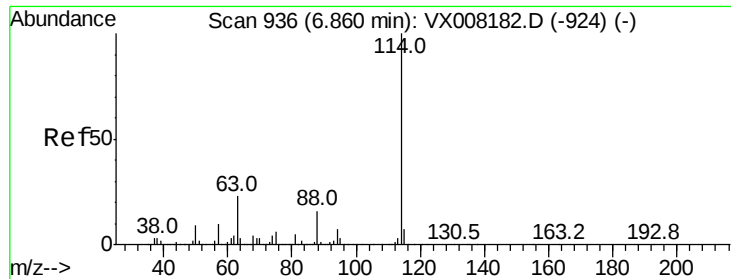
40000

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: VX008216.D

Acq: 20 Mar 2019 02:47

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30411-20190312

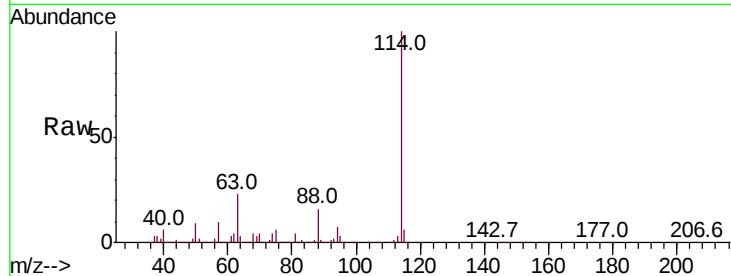
Tot Ion:114 Resp: 534307

Ion Ratio Lower Upper

114 100

63 22.9 0.0 39.8

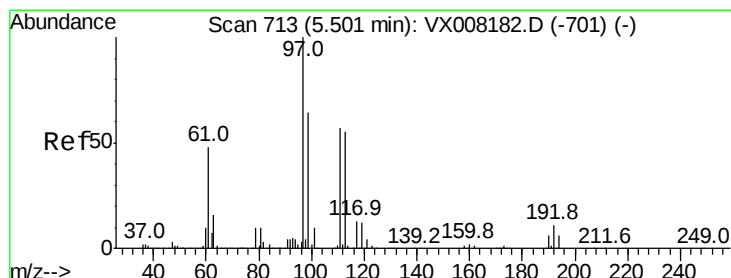
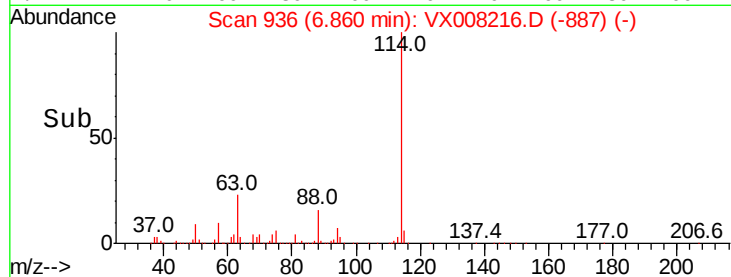
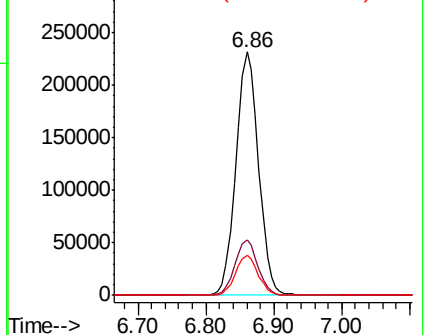
88 16.3 0.0 31.4



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: 47.005 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008216.D

Acq: 20 Mar 2019 02:47

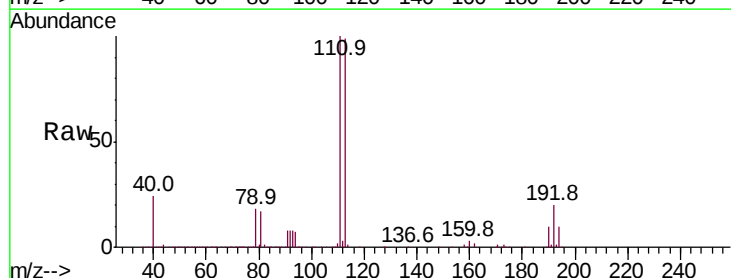
Tgt Ion:113 Resp: 168130

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

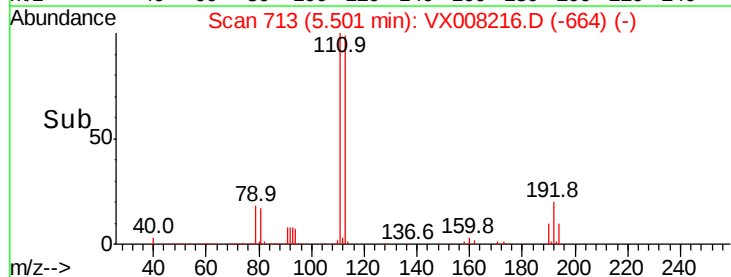
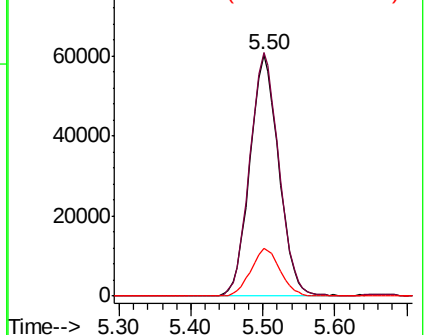
192 20.0 19.4 29.0

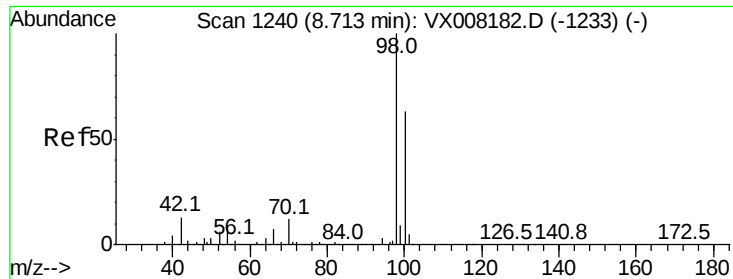


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

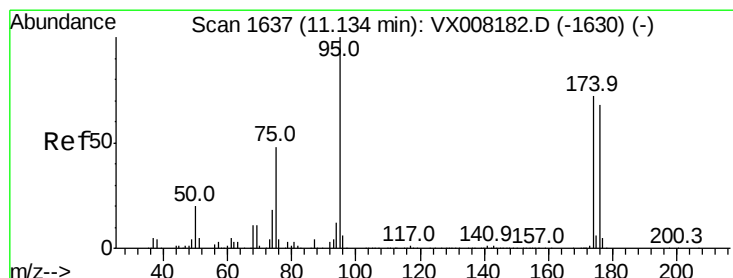
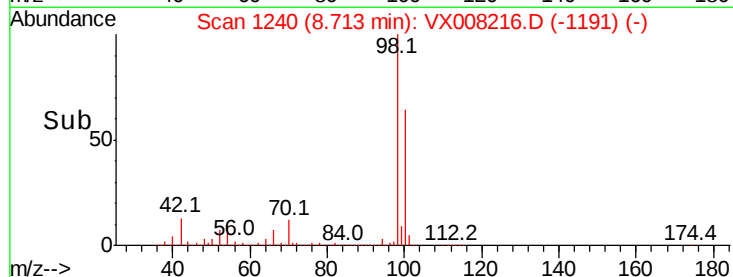
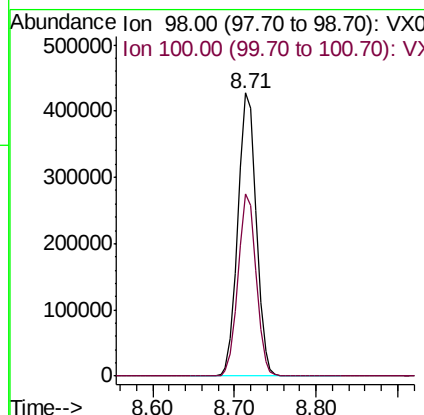
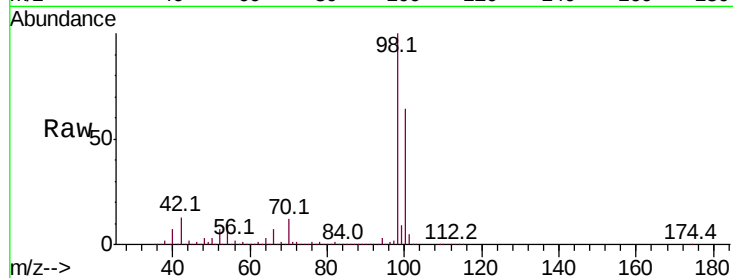




#50
Toluene-d8
Concen: 48.400 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008216.D
Acq: 20 Mar 2019 02:47

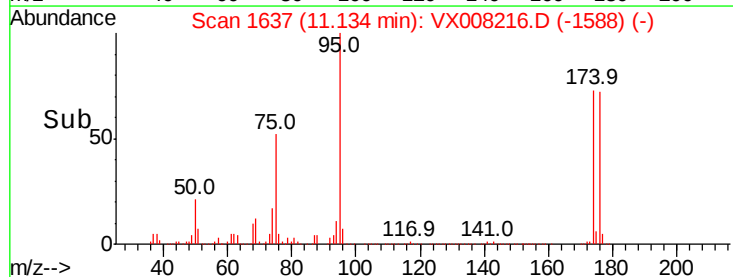
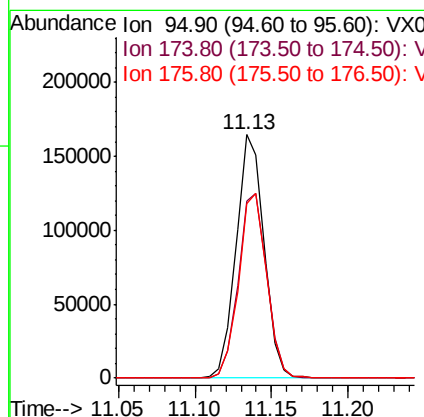
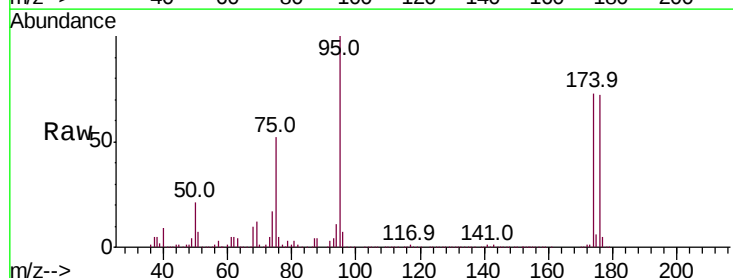
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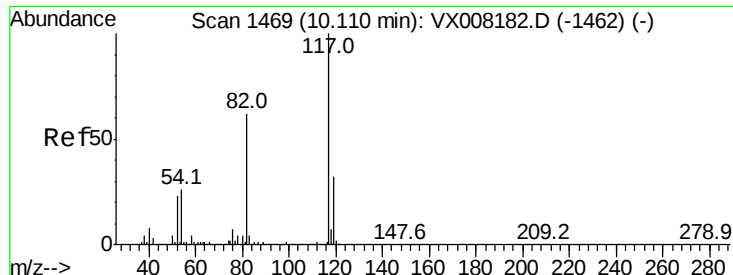
Tot Ion: 98 Resp: 656348
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.491 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008216.D
Acq: 20 Mar 2019 02:47

Tgt Ion: 95 Resp: 207744
Ion Ratio Lower Upper
95 100
174 77.8 0.0 182.8
176 76.2 0.0 178.0

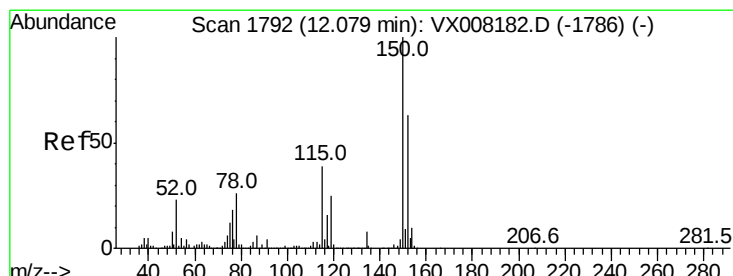
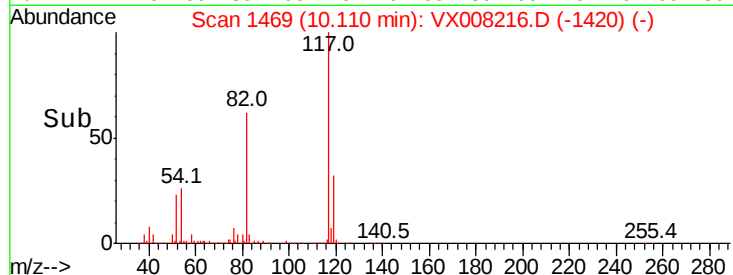
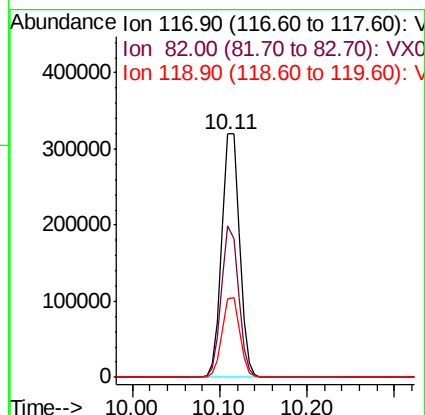
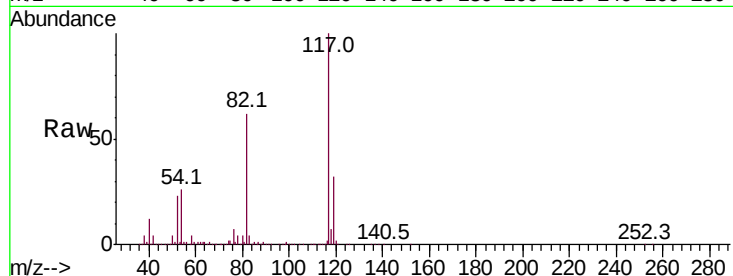




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008216.D
Acq: 20 Mar 2019 02:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30411-20190312

Tot Ion:117 Resp: 449099
Ion Ratio Lower Upper
117 100
82 62.2 44.3 66.5
119 32.2 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: VX008216.D
Acq: 20 Mar 2019 02:47

Tgt Ion:152 Resp: 179221
Ion Ratio Lower Upper
152 100
115 60.5 38.6 115.7
150 156.7 0.0 348.4

