

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121118\
 Data File : VX006419.D
 Acq On : 11 Dec 2018 14:38
 Operator : JC/MD
 Sample : J6340-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2018-12-10

Quant Time: Dec 12 04:54:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	837786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1260659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1136492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	546441	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	413555	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	5.51	113	386397	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	8.71	98	1459810	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	530508	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	

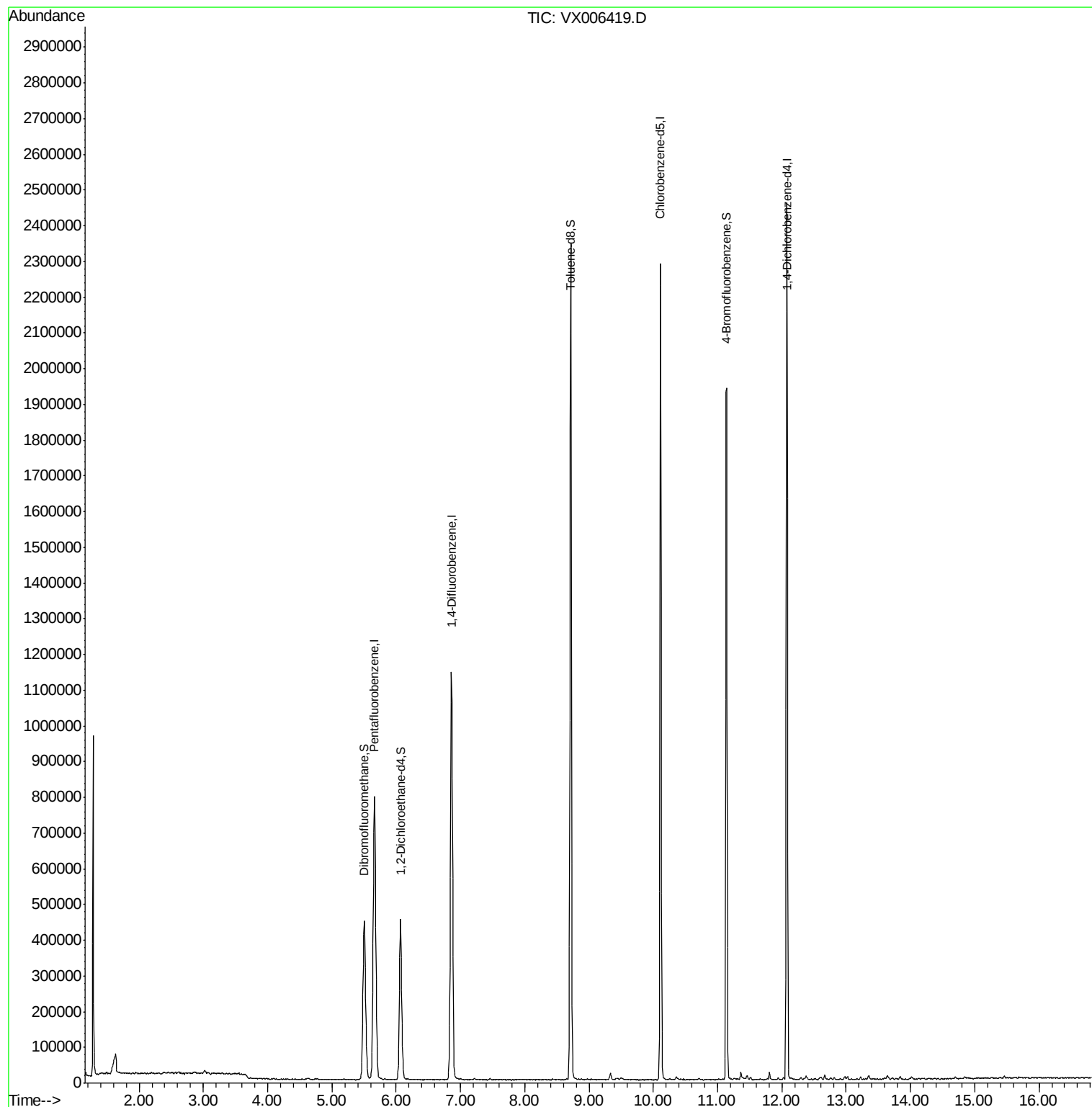
Target Compounds	Qvalue

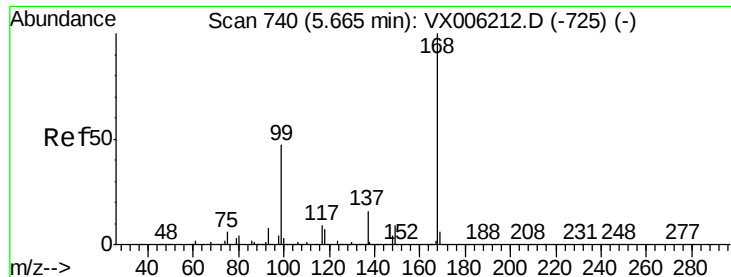
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006419.D

Acq: 11 Dec 2018 14:38

Instrument :

MSVOA_X

ClientSampleId :

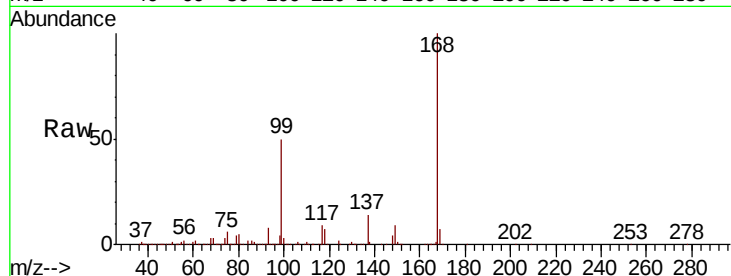
TB-2018-12-10

Tot Ion:168 Resp: 837786

Ion Ratio Lower Upper

168 100

99 50.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

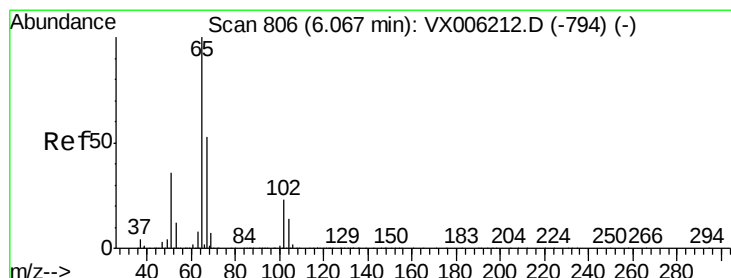
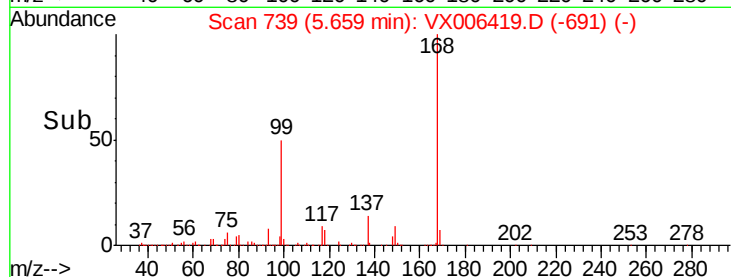
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.355 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006419.D

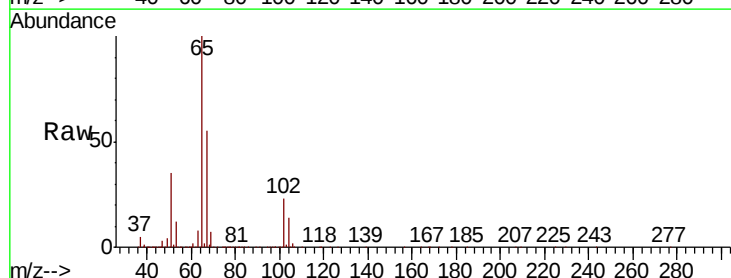
Acq: 11 Dec 2018 14:38

Tgt Ion: 65 Resp: 413555

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

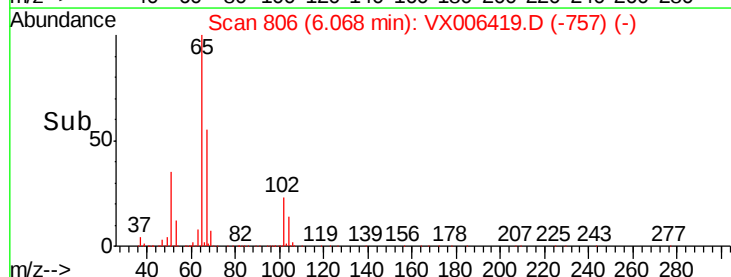
150000

100000

50000

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: VX006419.D

Acq: 11 Dec 2018 14:38

Instrument :

MSVOA_X

ClientSampleId :

TB-2018-12-10

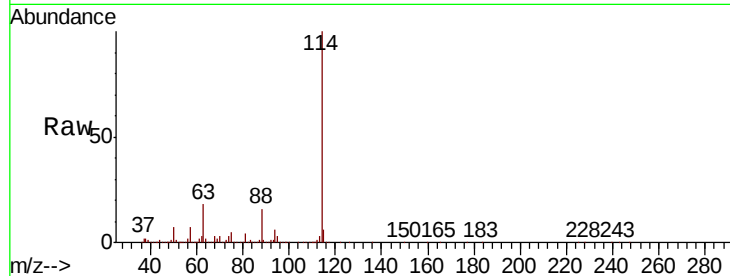
Tot Ion:114 Resp: 1260659

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

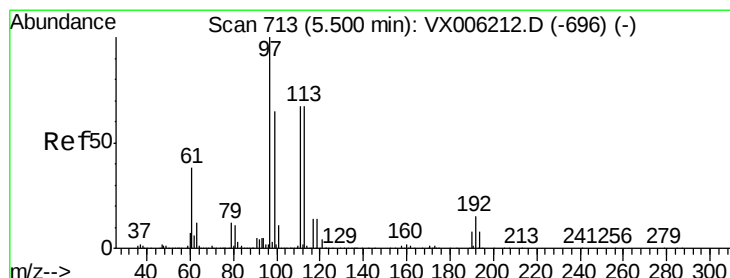
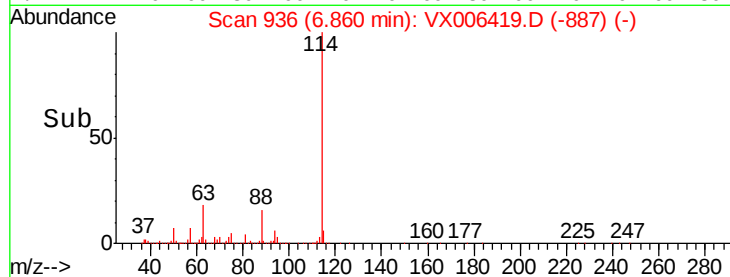
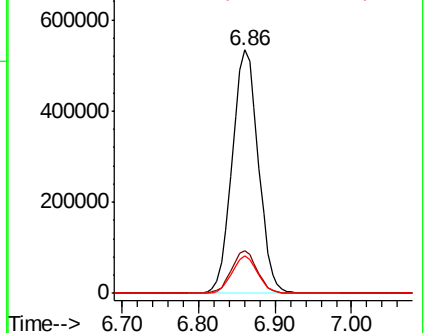
88 15.6 0.0 29.0



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: 47.339 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006419.D

Acq: 11 Dec 2018 14:38

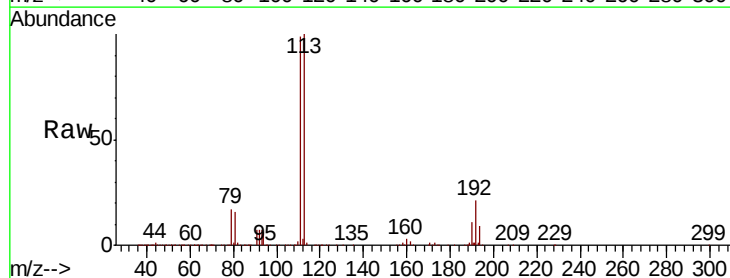
Tgt Ion:113 Resp: 386397

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

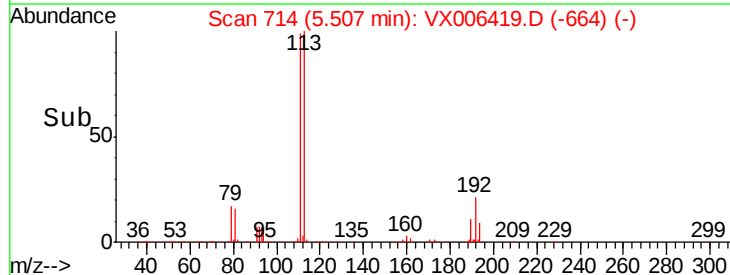
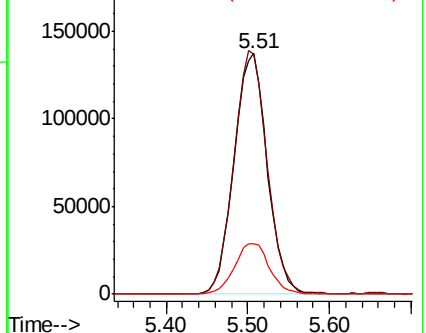
192 22.0 18.2 27.2



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: 49.169 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006419.D

Acq: 11 Dec 2018 14:38

Instrument :

MSVOA_X

ClientSampleId :

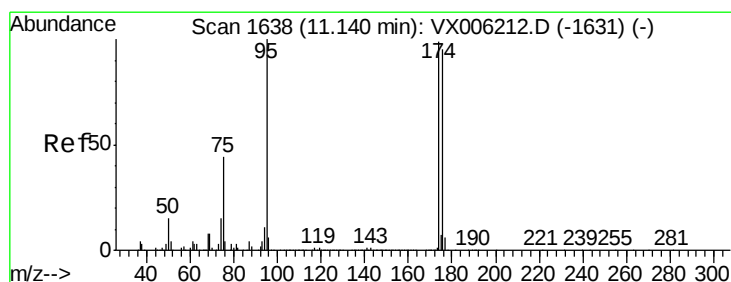
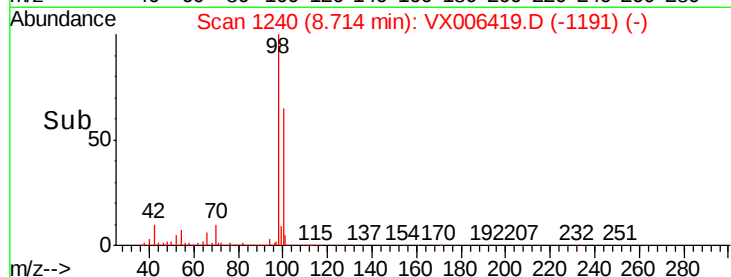
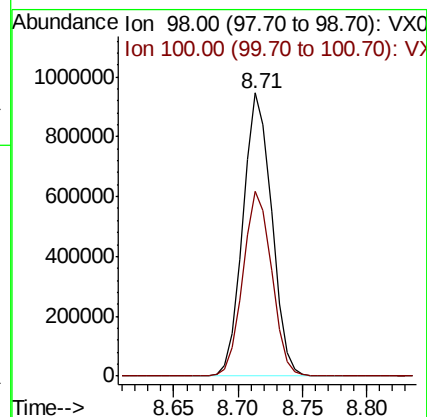
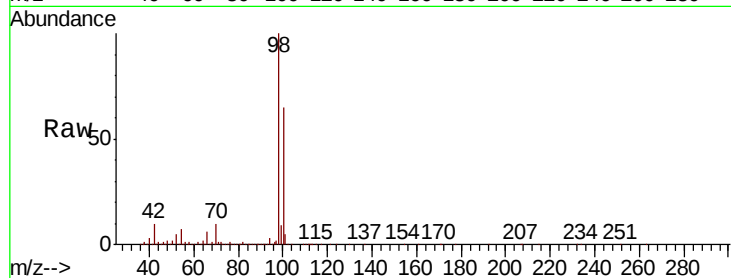
TB-2018-12-10

Tot Ion: 98 Resp: 1459810

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.418 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006419.D

Acq: 11 Dec 2018 14:38

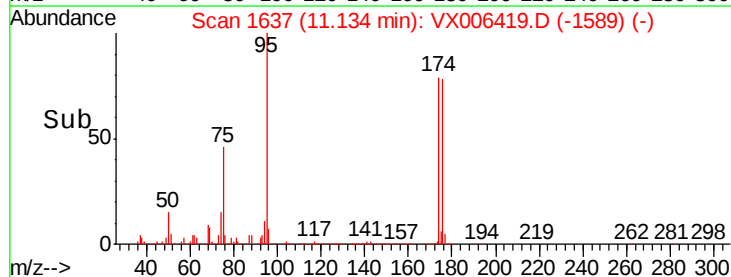
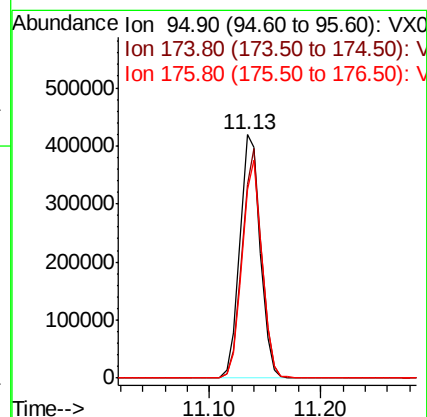
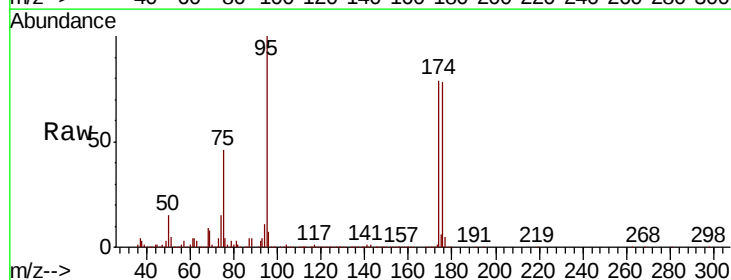
Tgt Ion: 95 Resp: 530508

Ion Ratio Lower Upper

95 100

174 90.5 0.0 187.0

176 87.3 0.0 181.8

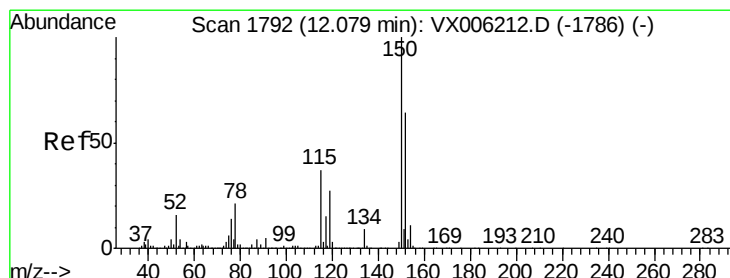
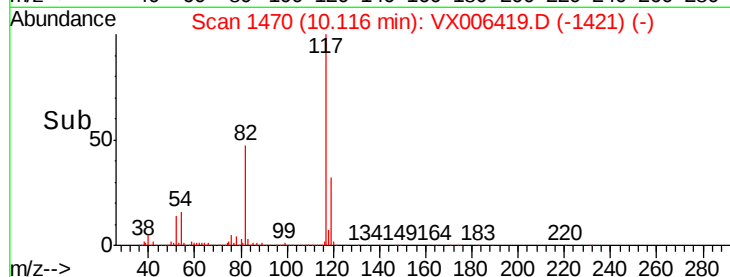
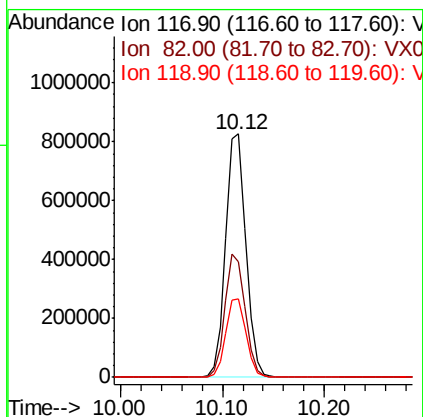
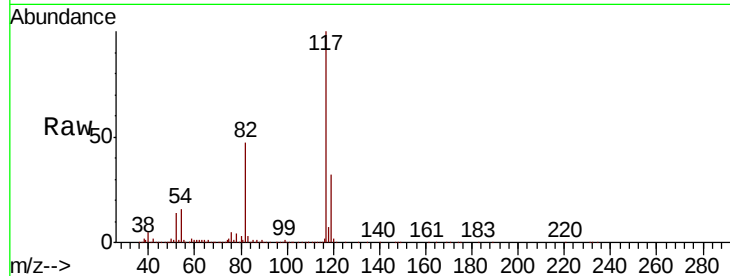




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006419.D
Acq: 11 Dec 2018 14:38

Instrument :
MSVOA_X
ClientSampled :
TB-2018-12-10

Tot Ion:117 Resp: 1136492
Ion Ratio Lower Upper
117 100
82 47.5 39.6 59.4
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006419.D
Acq: 11 Dec 2018 14:38

Tgt Ion:152 Resp: 546441
Ion Ratio Lower Upper
152 100
115 55.2 39.0 116.9
150 155.9 0.0 345.8

