

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005629.D
 Acq On : 27 Oct 2018 02:54
 Operator : JC/MD
 Sample : J5712-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-102418

Quant Time: Oct 27 06:36:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143122	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	136938	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	5.50	113	112426	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.71	98	390240	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
62) 4-Bromofluorobenzene	11.14	95	131865	42.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.80%	

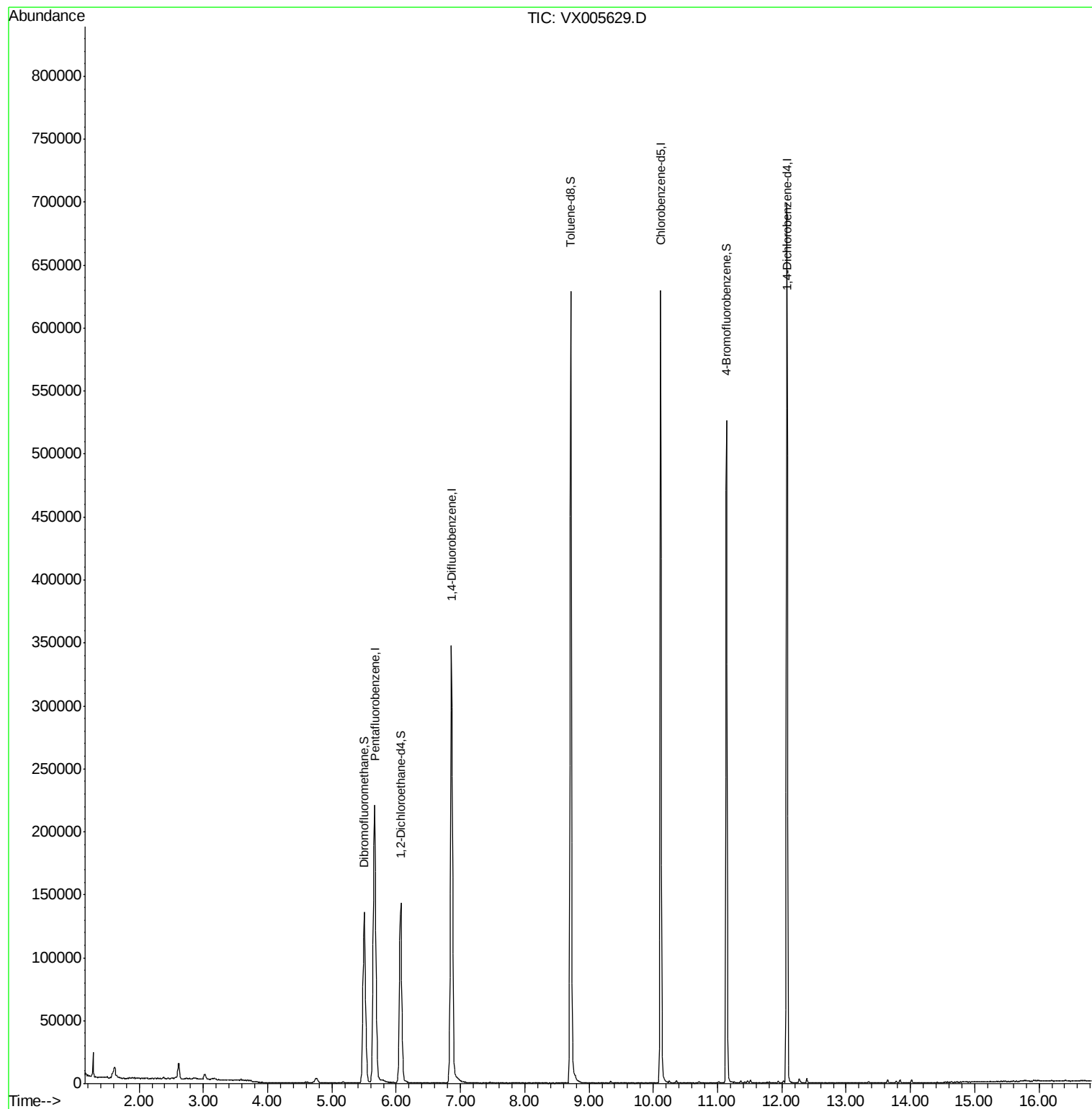
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
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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: VX005629.D

Acq: 27 Oct 2018 02:54

Instrument :

MSVOA_X

ClientSampleId :

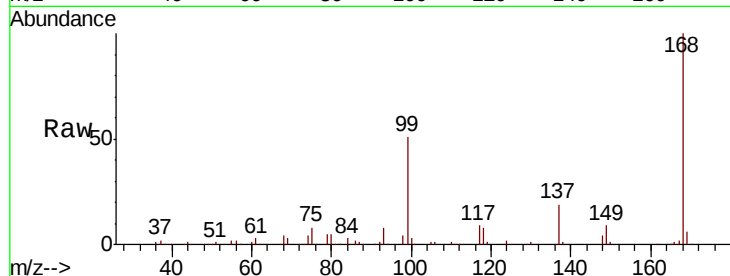
TB-102418

Tot Ion:168 Resp: 224822

Ion Ratio Lower Upper

168 100

99 50.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VX005535.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX005535.D (-727) (-)

5.67

80000

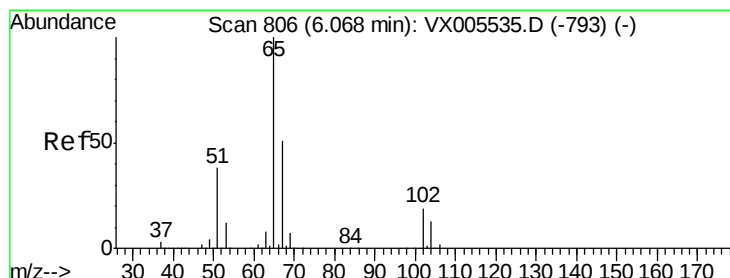
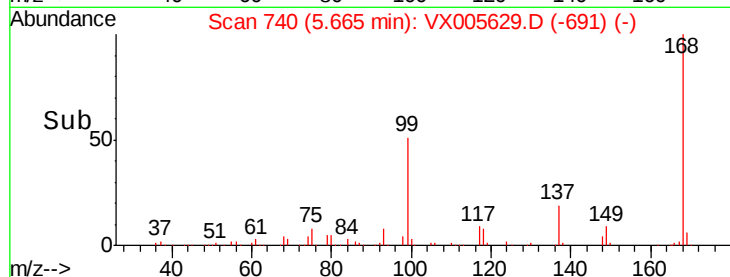
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.898 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005629.D

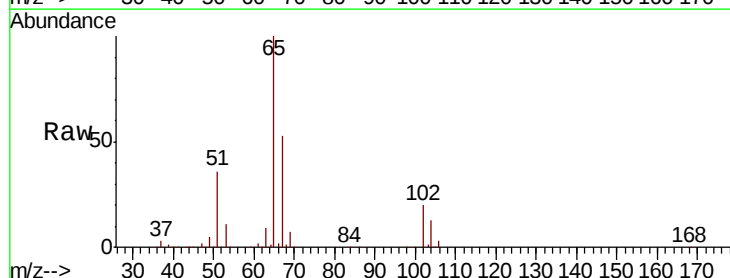
Acq: 27 Oct 2018 02:54

Tgt Ion: 65 Resp: 136938

Ion Ratio Lower Upper

65 100

67 54.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX005535.D (-793) (-)

Ion 66.90 (66.60 to 67.60): VX005535.D (-793) (-)

6.07

60000

50000

40000

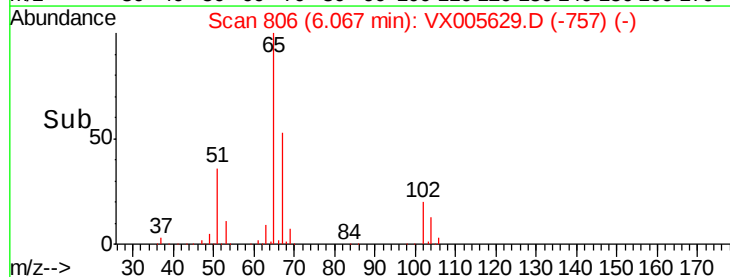
30000

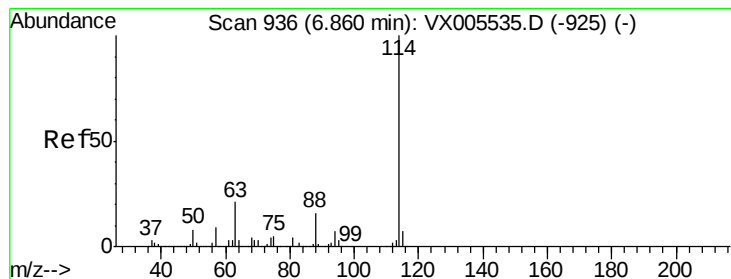
20000

10000

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: VX005629.D

Acq: 27 Oct 2018 02:54

Instrument :

MSVOA_X

ClientSampleId :

TB-102418

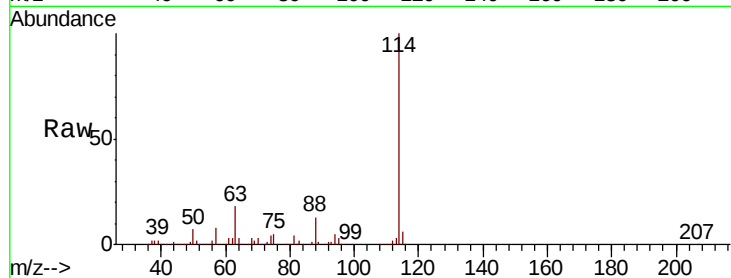
Tot Ion:114 Resp: 334501

Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.8

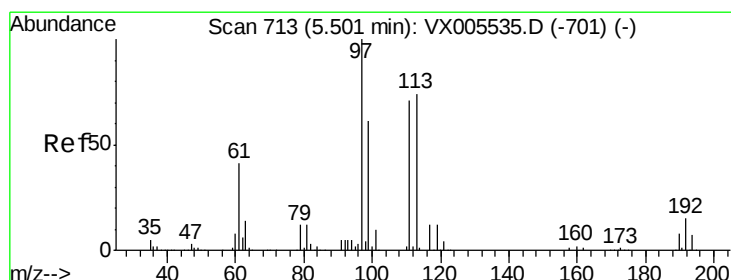
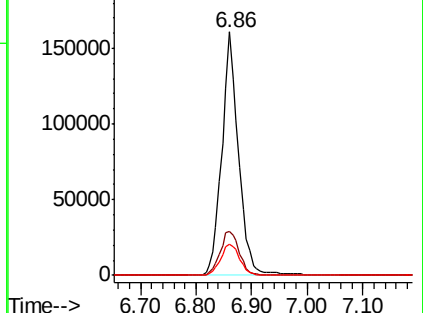
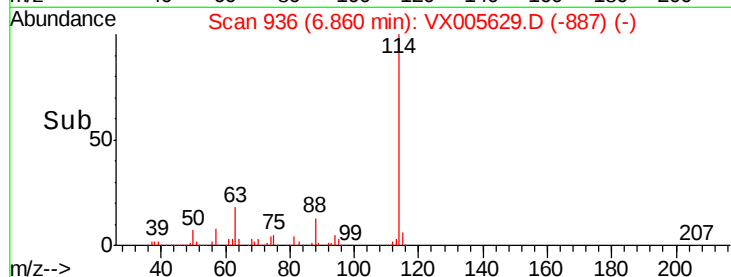
88 13.0 0.0 31.2



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: 49.637 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005629.D

Acq: 27 Oct 2018 02:54

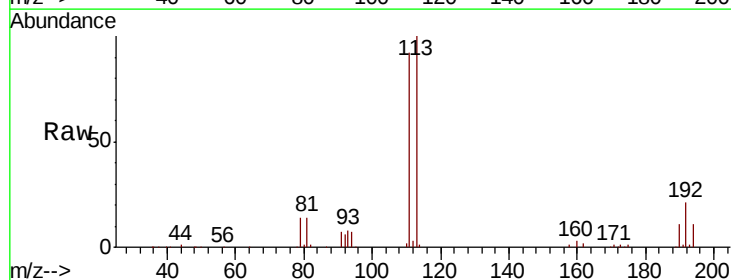
Tgt Ion:113 Resp: 112426

Ion Ratio Lower Upper

113 100

111 100.6 82.3 123.5

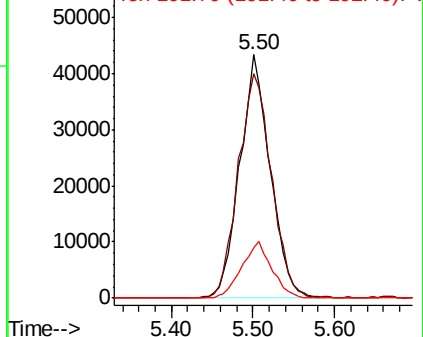
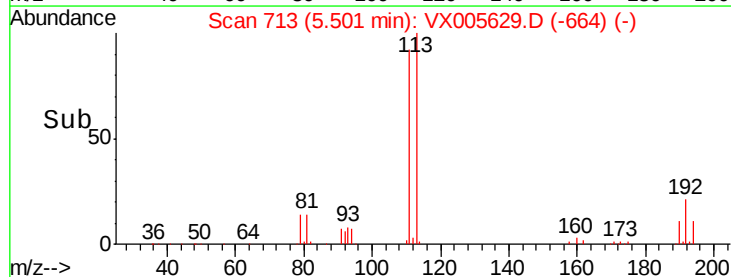
192 23.0 17.9 26.9

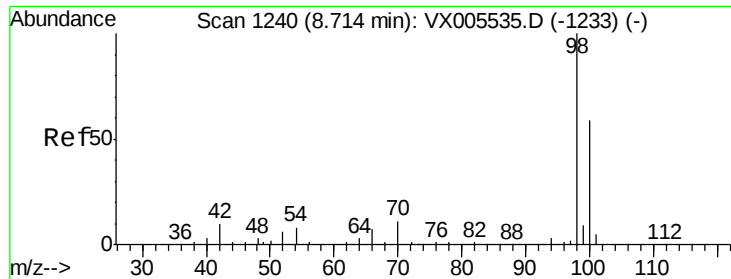


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

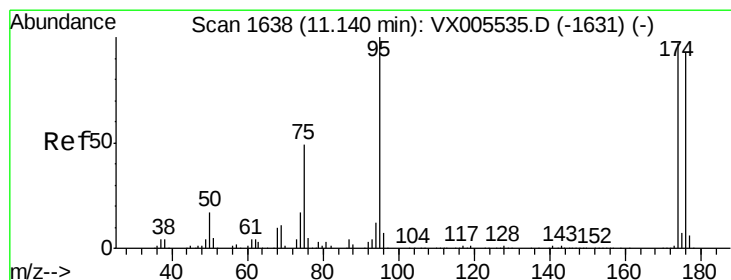
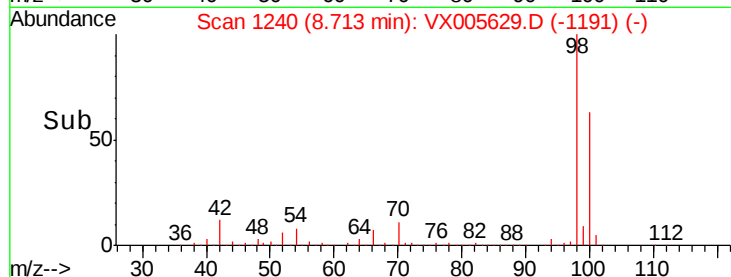
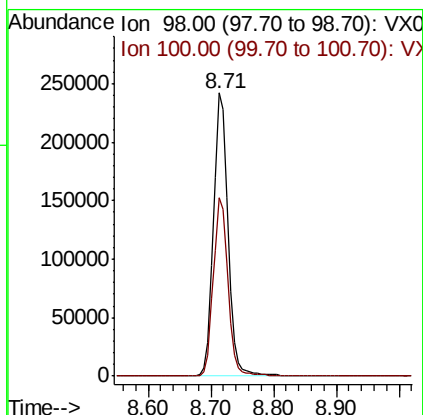
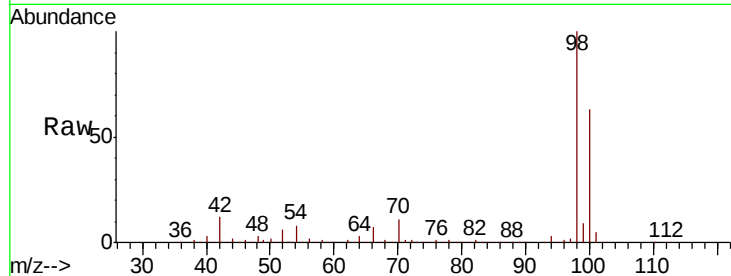




#50
Toluene-d8
Concen: 47.950 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005629.D
Acq: 27 Oct 2018 02:54

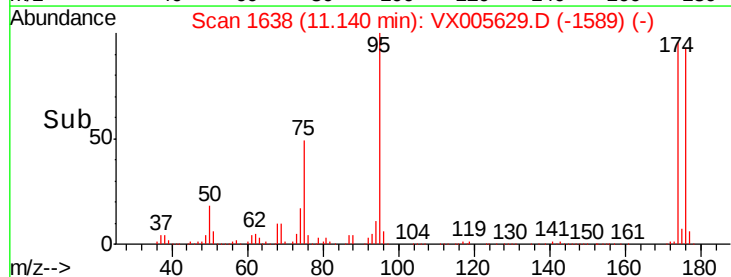
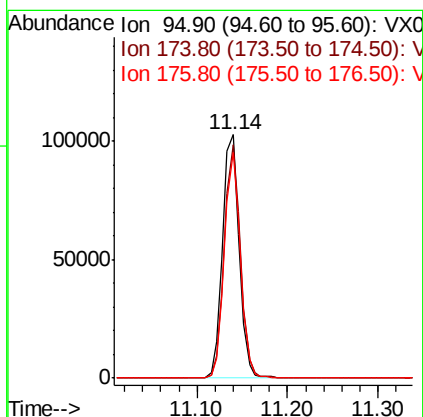
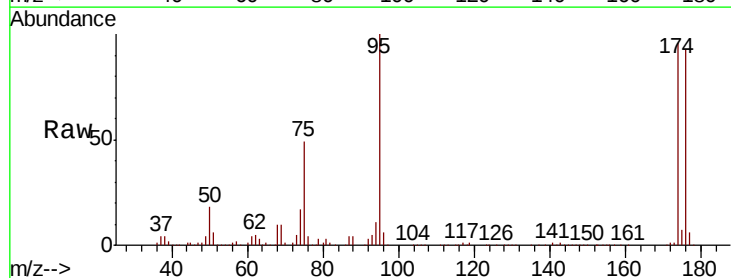
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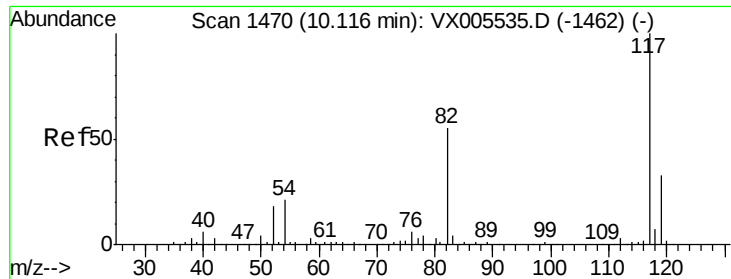
Tot Ion: 98 Resp: 390240
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 42.904 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005629.D
Acq: 27 Oct 2018 02:54

Tgt Ion: 95 Resp: 131865
Ion Ratio Lower Upper
95 100
174 93.4 0.0 184.4
176 89.2 0.0 177.4

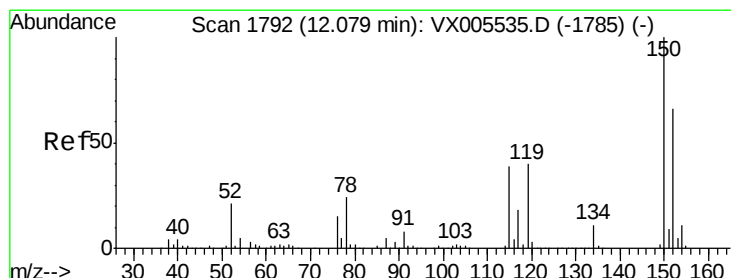
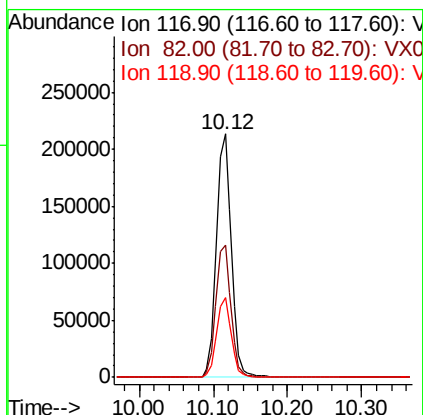
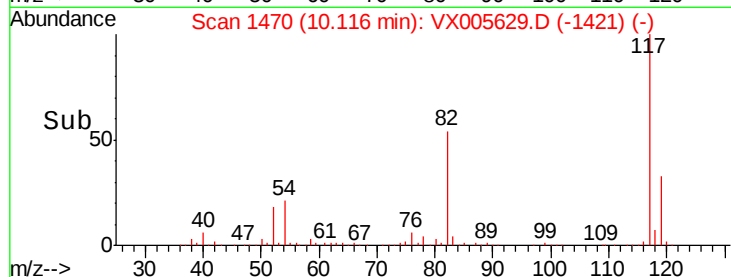
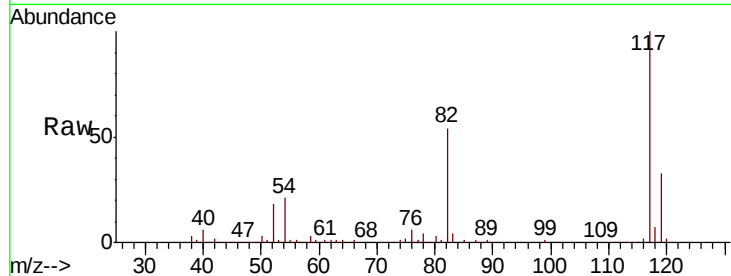




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005629.D
Acq: 27 Oct 2018 02:54

Instrument :
MSVOA_X
ClientSampled :
TB-102418

Tot Ion:117 Resp: 292566
Ion Ratio Lower Upper
117 100
82 54.3 44.1 66.1
119 32.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005629.D
Acq: 27 Oct 2018 02:54

Tgt Ion:152 Resp: 143122
Ion Ratio Lower Upper
152 100
115 55.1 39.4 118.1
150 157.8 0.0 346.4

