

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
 Data File : VX006260.D
 Acq On : 03 Dec 2018 18:17
 Operator : JC/MD
 Sample : J6206-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HLSP-TB1-113018

Quant Time: Dec 04 06:11:19 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	5.67	168	884579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1343169	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1211407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	580037	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	437443	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	5.50	113	424874	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	8.71	98	1555232	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.14	95	572574	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

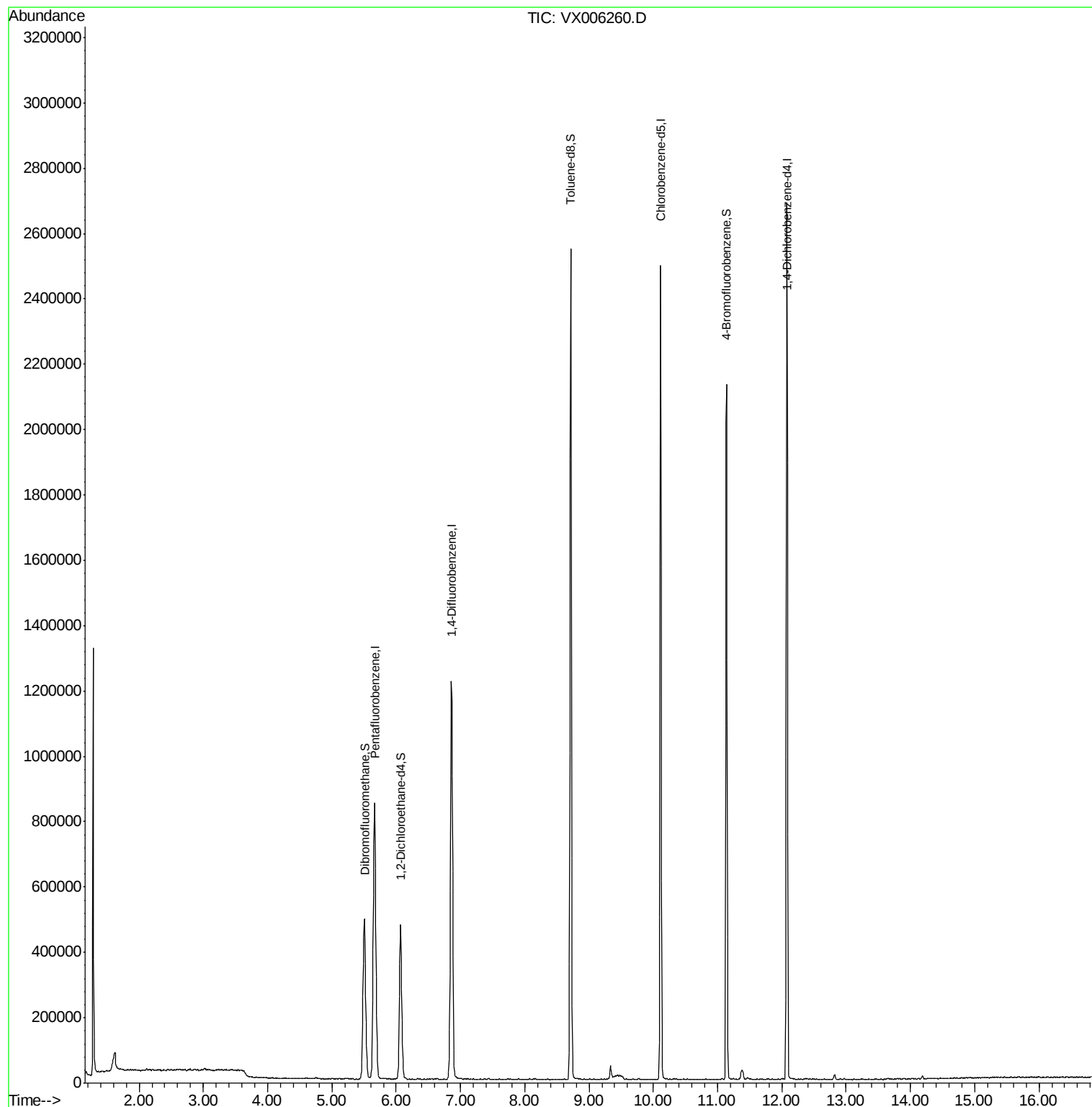
Target Compounds	Qvalue

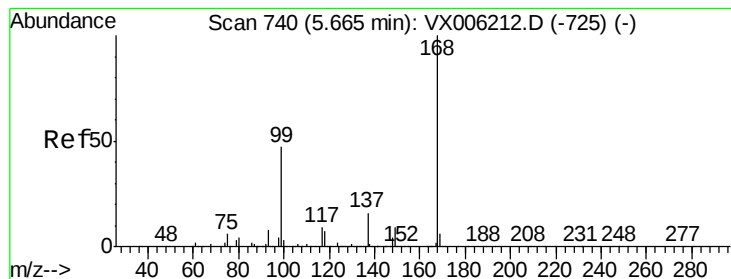
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006260.D

Acq: 03 Dec 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

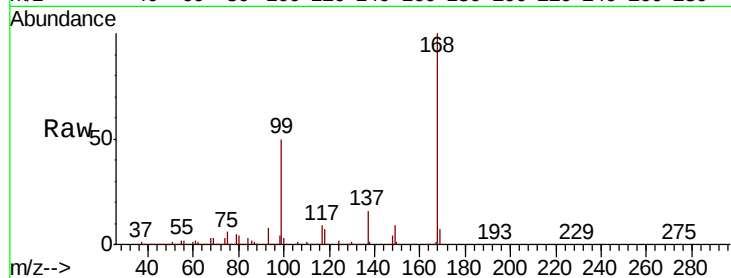
HLSP-TB1-113018

Tot Ion:168 Resp: 884579

Ion Ratio Lower Upper

168 100

99 50.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

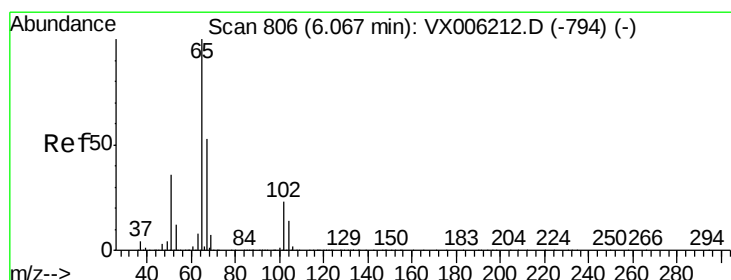
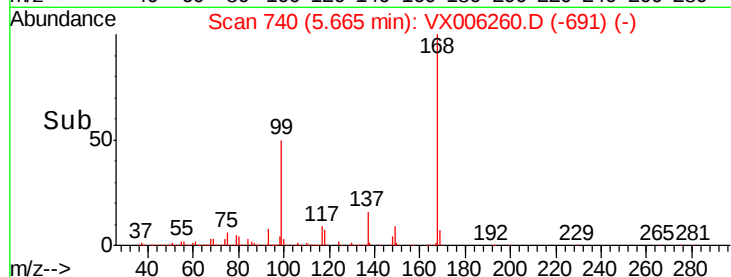
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.443 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006260.D

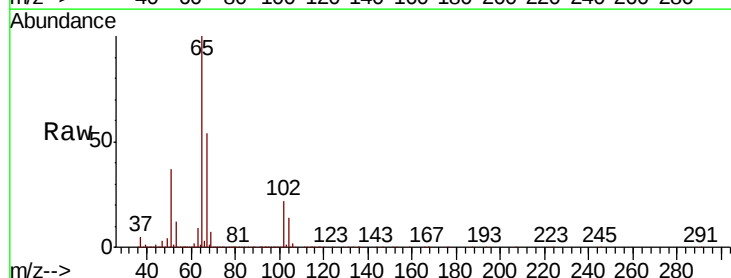
Acq: 03 Dec 2018 18:17

Tgt Ion: 65 Resp: 437443

Ion Ratio Lower Upper

65 100

67 53.9 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

200000

150000

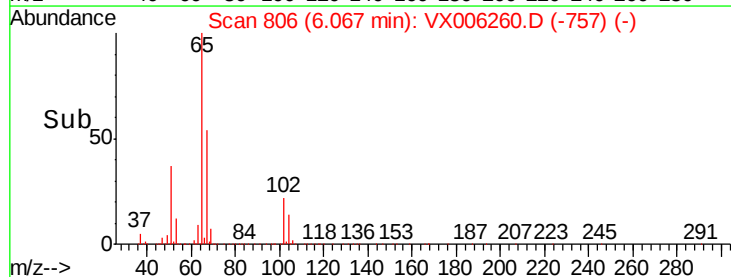
100000

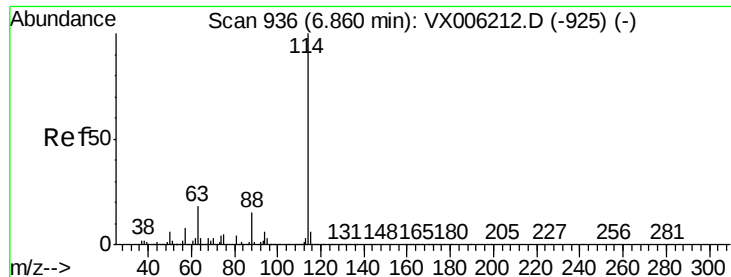
50000

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: VX006260.D

Acq: 03 Dec 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

HLSP-TB1-113018

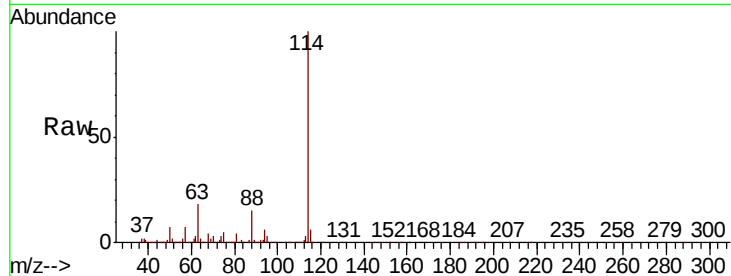
Tot Ion:114 Resp: 1343169

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

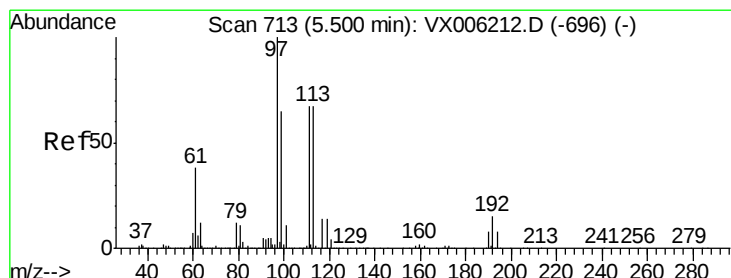
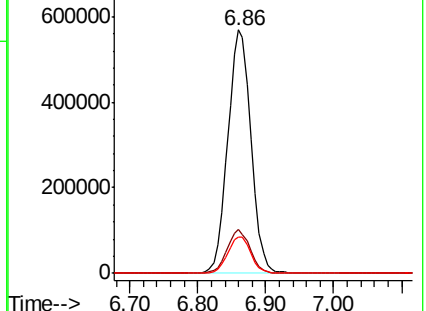
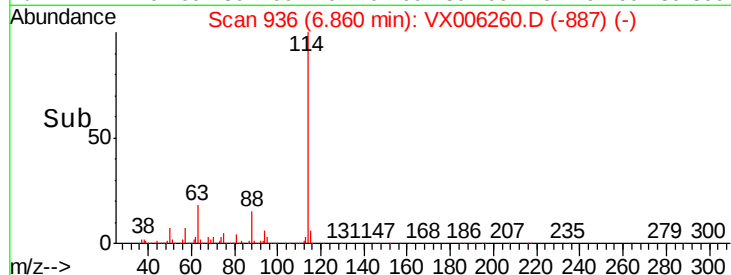
88 15.0 0.0 29.0



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: 48.856 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006260.D

Acq: 03 Dec 2018 18:17

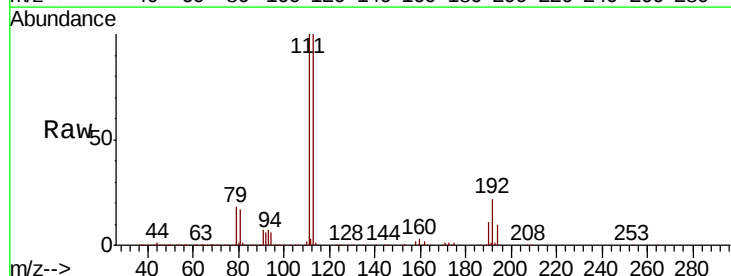
Tgt Ion:113 Resp: 424874

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

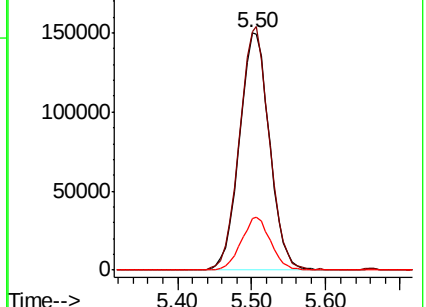
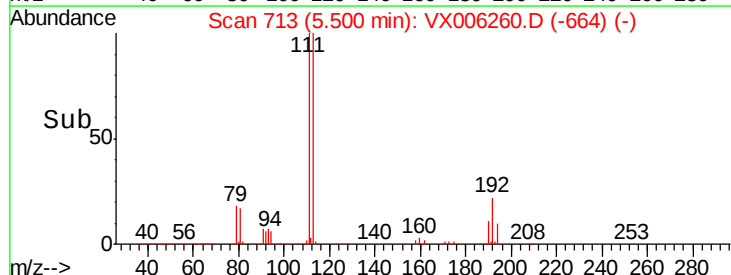
192 21.9 18.2 27.2



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

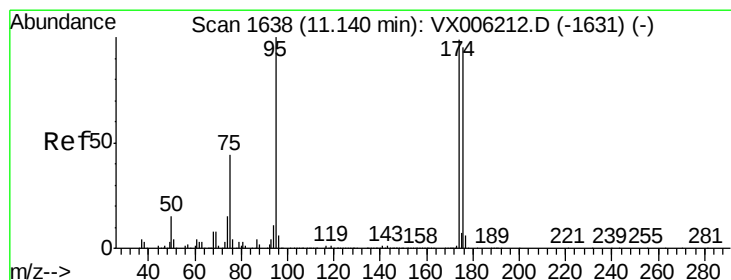
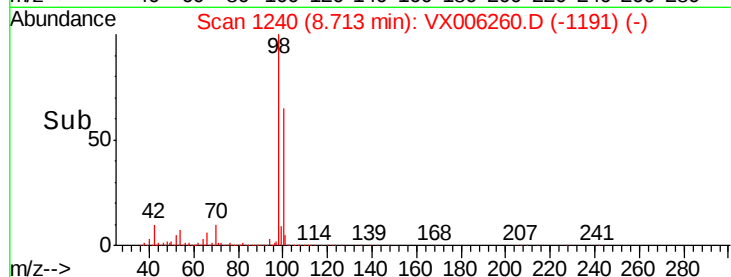
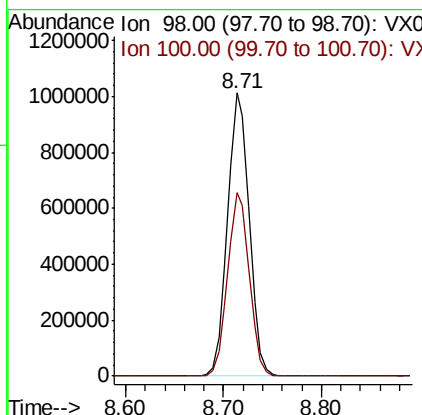
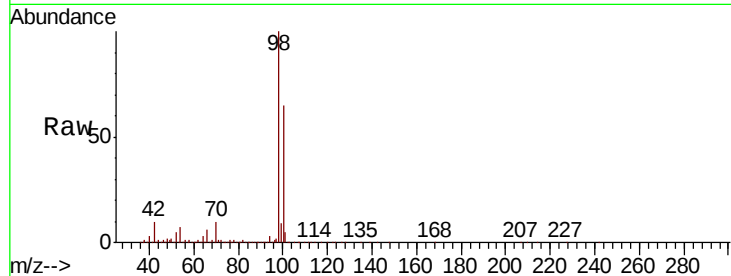




#50
Toluene-d8
Concen: 49.165 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006260.D
Acq: 03 Dec 2018 18:17

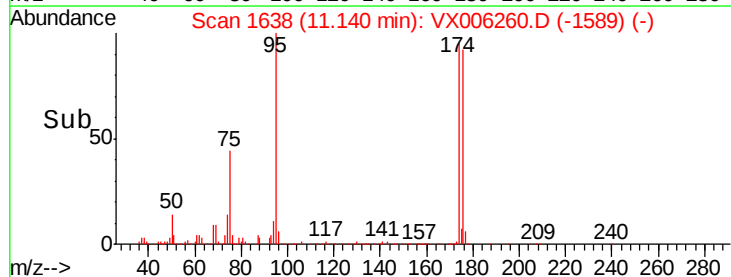
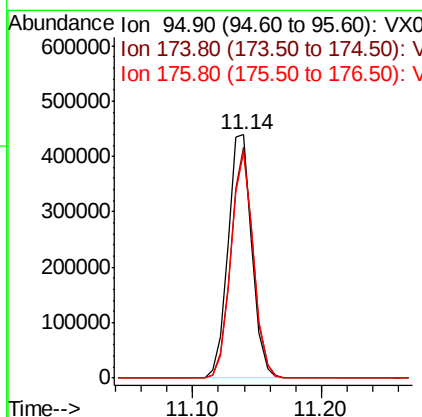
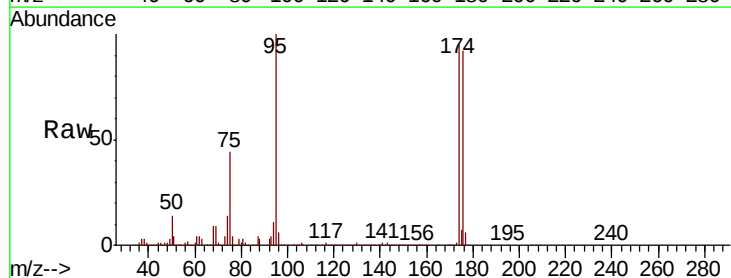
Instrument :
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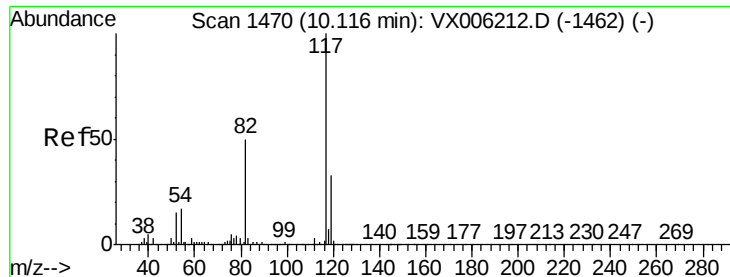
Tot Ion: 98 Resp: 1555232
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.034 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006260.D
Acq: 03 Dec 2018 18:17

Tgt Ion: 95 Resp: 572574
Ion Ratio Lower Upper
95 100
174 88.4 0.0 187.0
176 86.8 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: VX006260.D

Acq: 03 Dec 2018 18:17

Instrument :

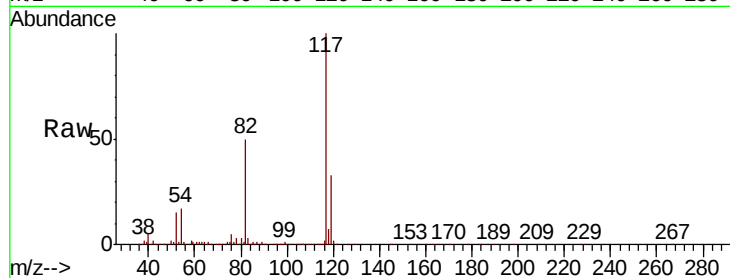
MSVOA_X

ClientSampleId :

HLSP-TB1-113018

Tot Ion:117 Resp: 1211407

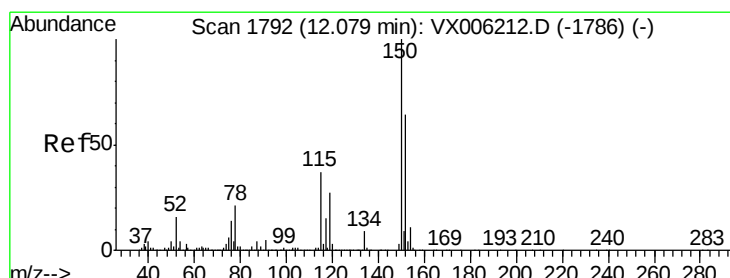
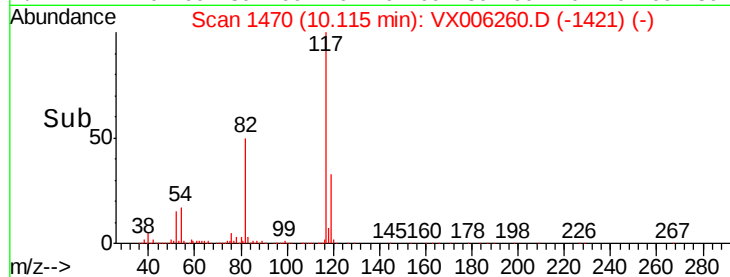
Ion	Ratio	Lower	Upper
117	100		
82	50.1	39.6	59.4
119	33.0	26.3	39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

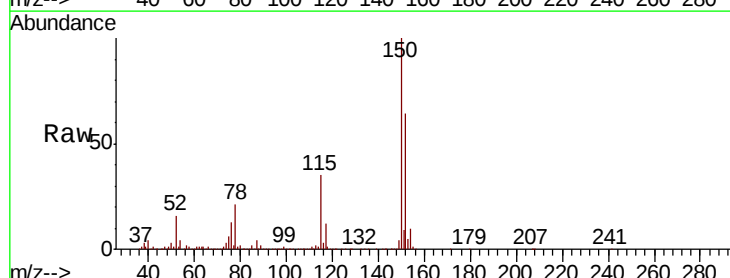
Delta R.T. -0.00 min

Lab File: VX006260.D

Acq: 03 Dec 2018 18:17

Tgt Ion:152 Resp: 580037

Ion	Ratio	Lower	Upper
152	100		
115	56.0	39.0	116.9
150	156.7	0.0	345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

