

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006639.D
 Acq On : 19 Dec 2018 16:18
 Operator : JC/MD
 Sample : J6479-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Quant Time: Dec 20 04:19:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	638027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1003833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	912111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	429556	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	348346	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
35) Dibromofluoromethane	5.50	113	306054	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	8.71	98	1186621	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	425325	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

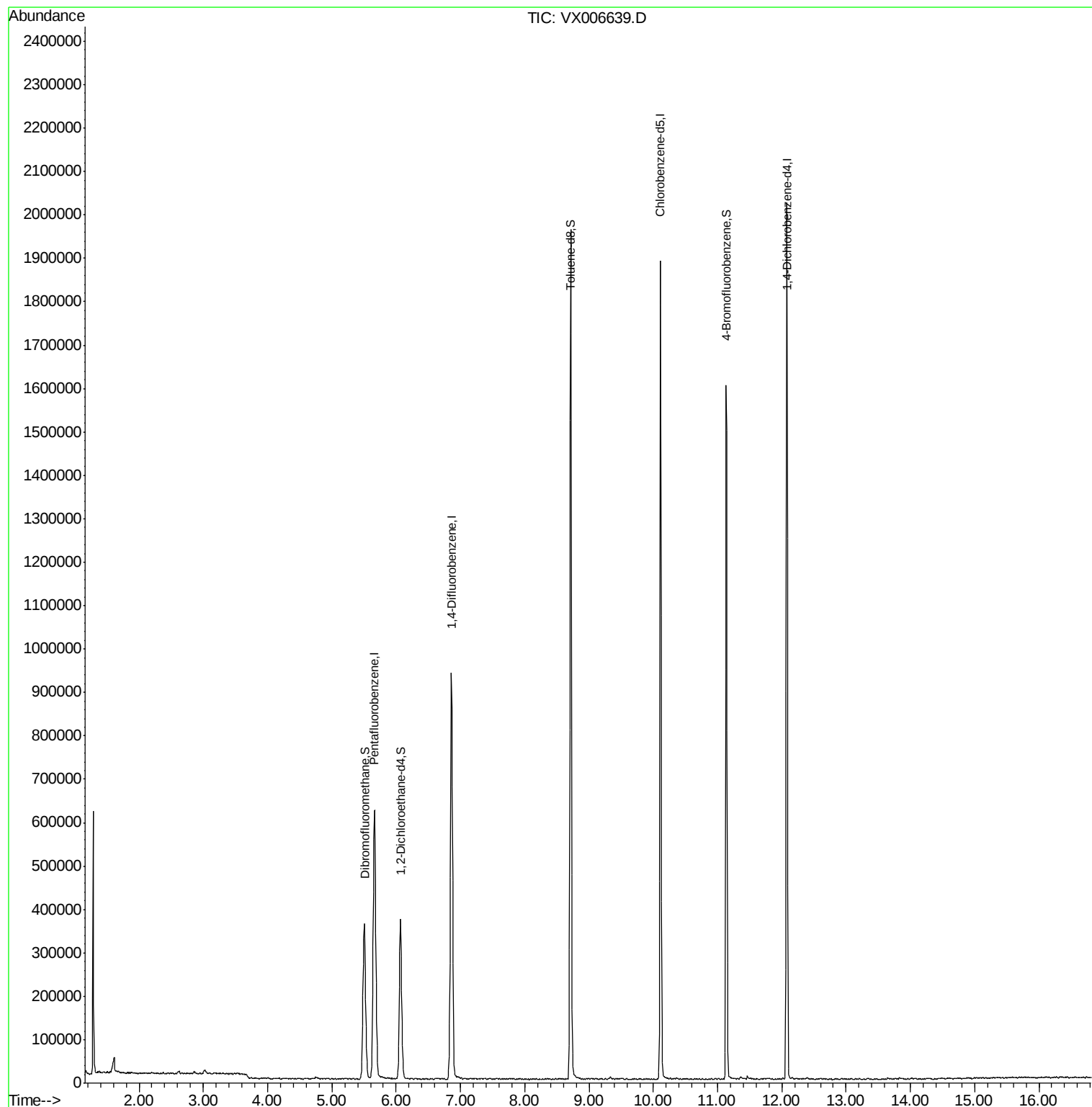
Target Compounds	Qvalue

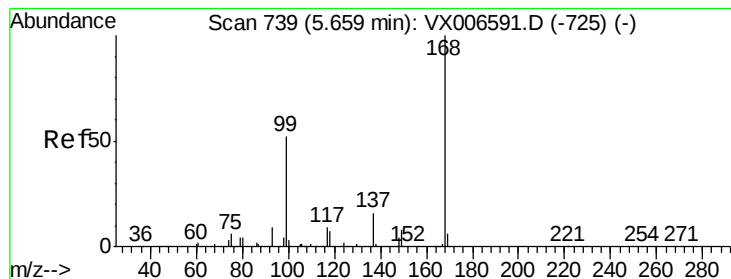
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006639.D

Acq: 19 Dec 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

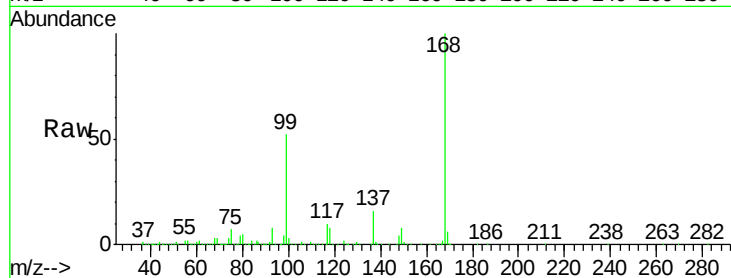
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Tot Ion:168 Resp: 638027

Ion Ratio Lower Upper

168 100

99 52.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

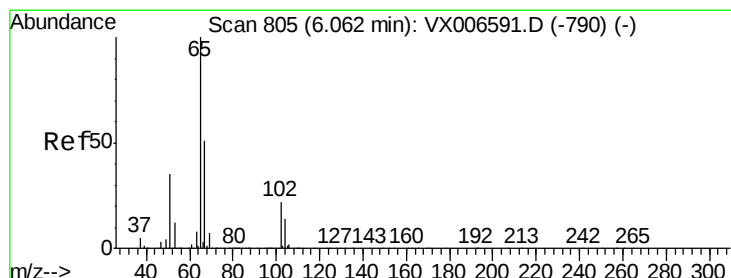
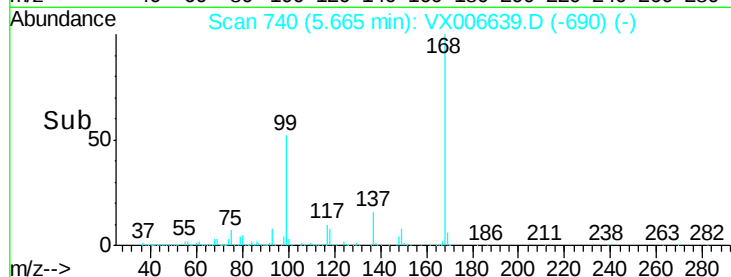
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.658 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006639.D

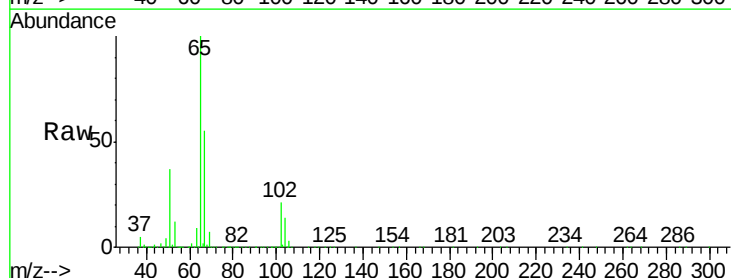
Acq: 19 Dec 2018 16:18

Tgt Ion: 65 Resp: 348346

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

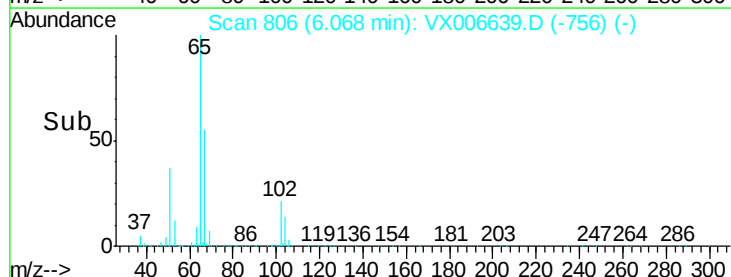
150000

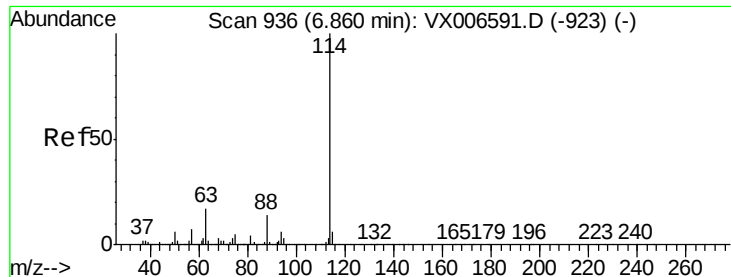
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006639.D

Acq: 19 Dec 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

FIELD-BLANK

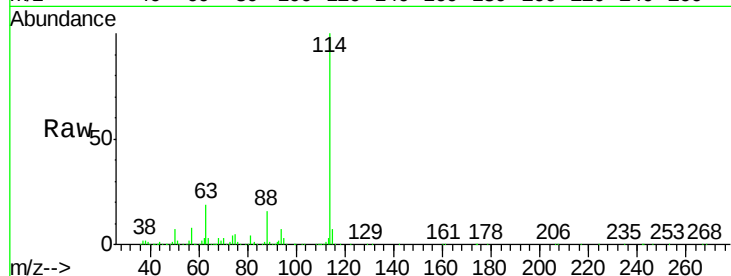
Tot Ion:114 Resp: 1003833

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.8

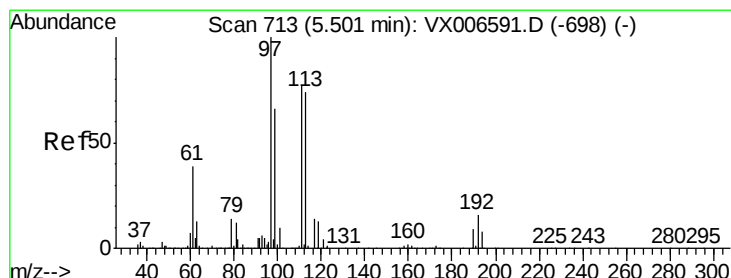
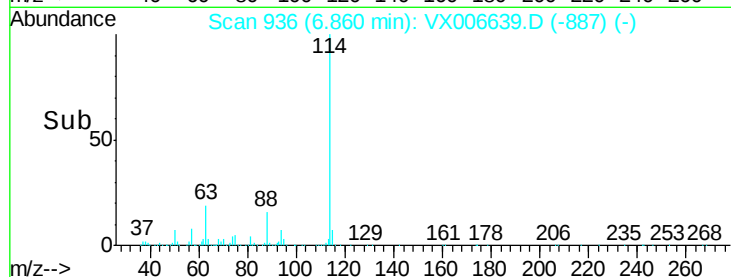
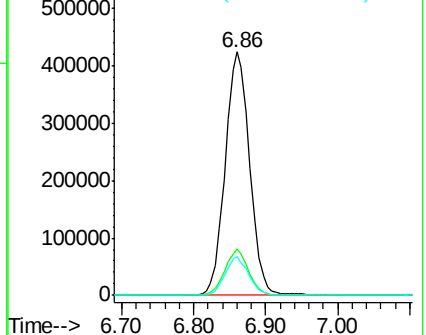
88 15.9 0.0 28.8



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: 48.212 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006639.D

Acq: 19 Dec 2018 16:18

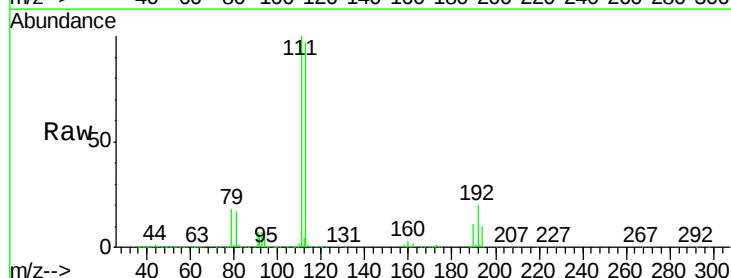
Tgt Ion:113 Resp: 306054

Ion Ratio Lower Upper

113 100

111 103.5 81.6 122.4

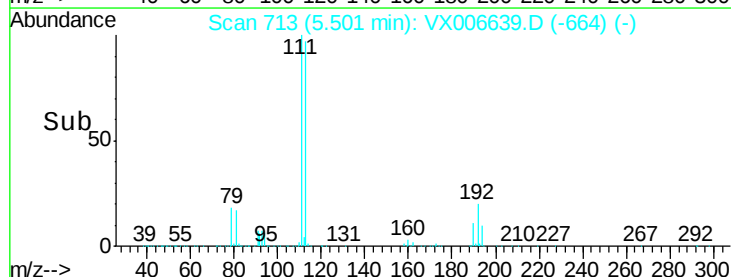
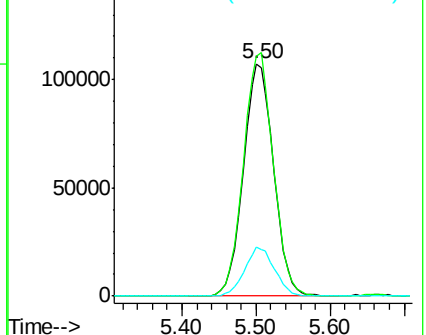
192 20.7 16.7 25.1

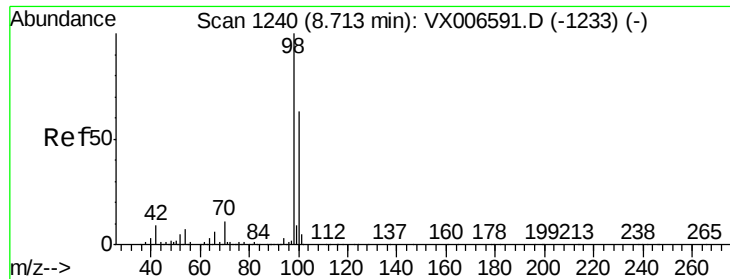


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.582 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006639.D

Acq: 19 Dec 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

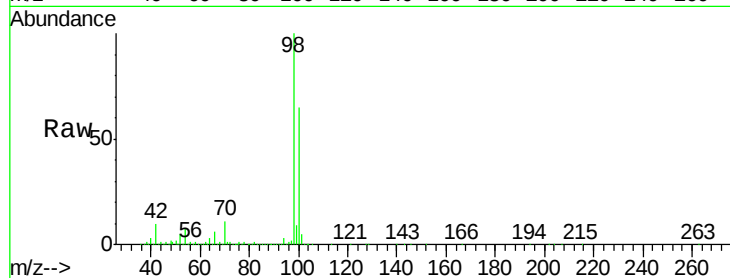
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Tot Ion: 98 Resp: 1186621

Ion Ratio Lower Upper

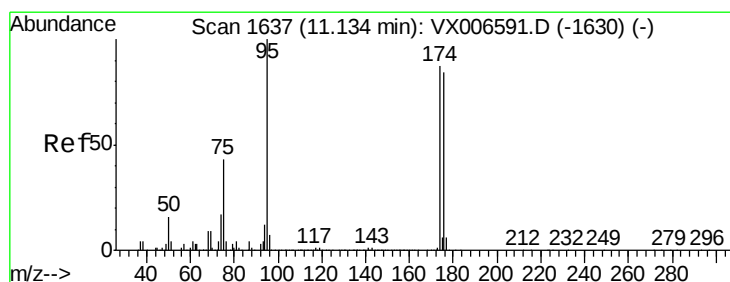
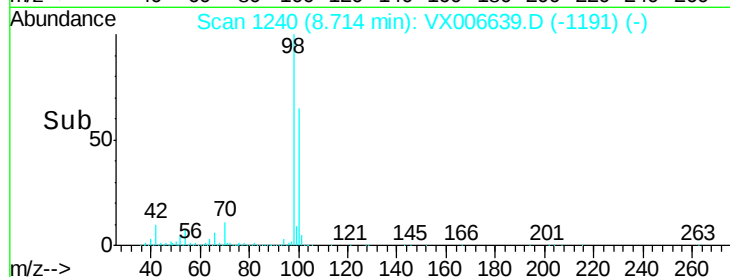
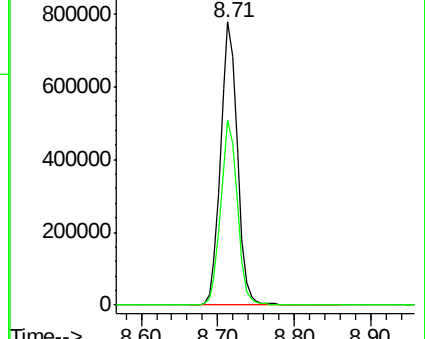
98 100

100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 48.525 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006639.D

Acq: 19 Dec 2018 16:18

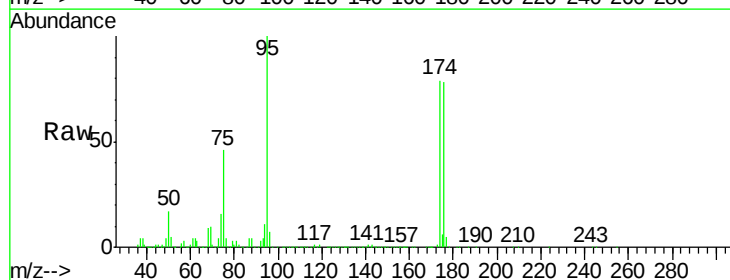
Tgt Ion: 95 Resp: 425325

Ion Ratio Lower Upper

95 100

174 86.9 0.0 182.2

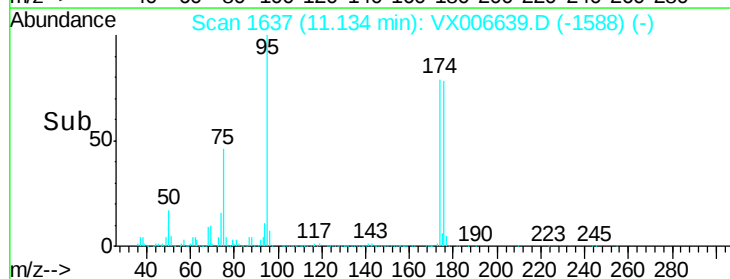
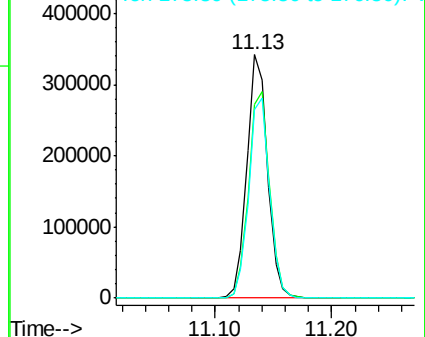
176 83.9 0.0 178.8

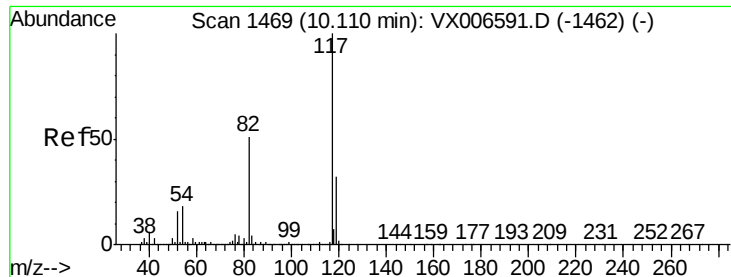


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

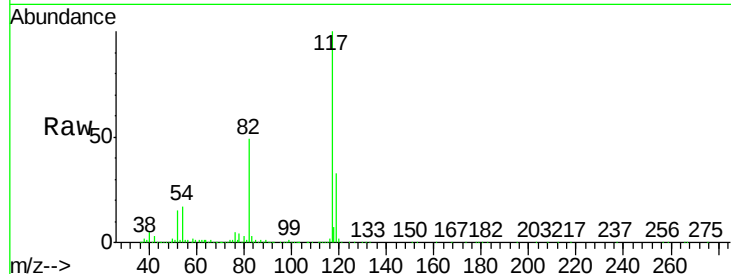




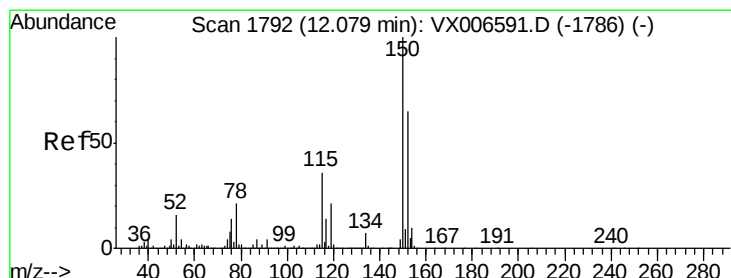
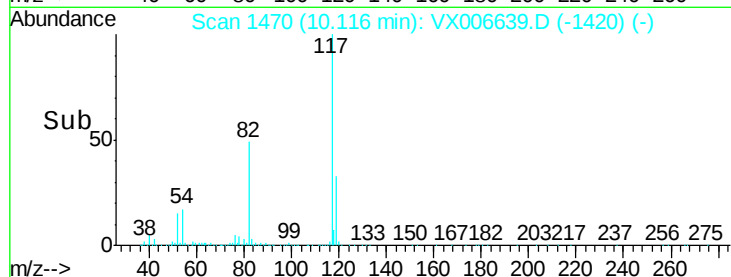
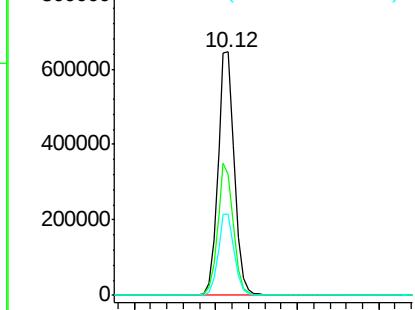
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006639.D
Acq: 19 Dec 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.4	41.0	61.6
119	33.0	25.4	38.0

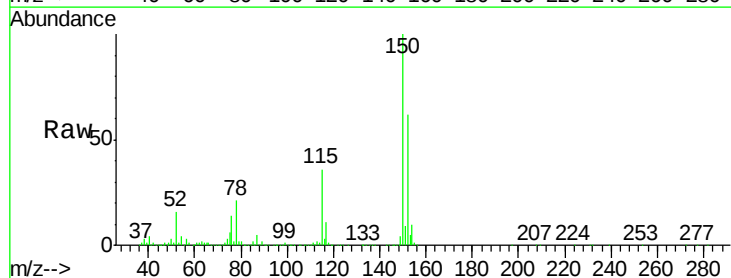


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006639.D
Acq: 19 Dec 2018 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	39.1	117.2
150	158.4	0.0	344.8



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

