

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010377.D
 Acq On : 21 Jun 2019 12:18
 Operator : JC/SP
 Sample : K3476-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190620

Quant Time: Jun 21 23:31:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	305936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	461764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	409828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192876	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	139244	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	5.50	113	141812	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	8.71	98	542228	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.13	95	180605	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	

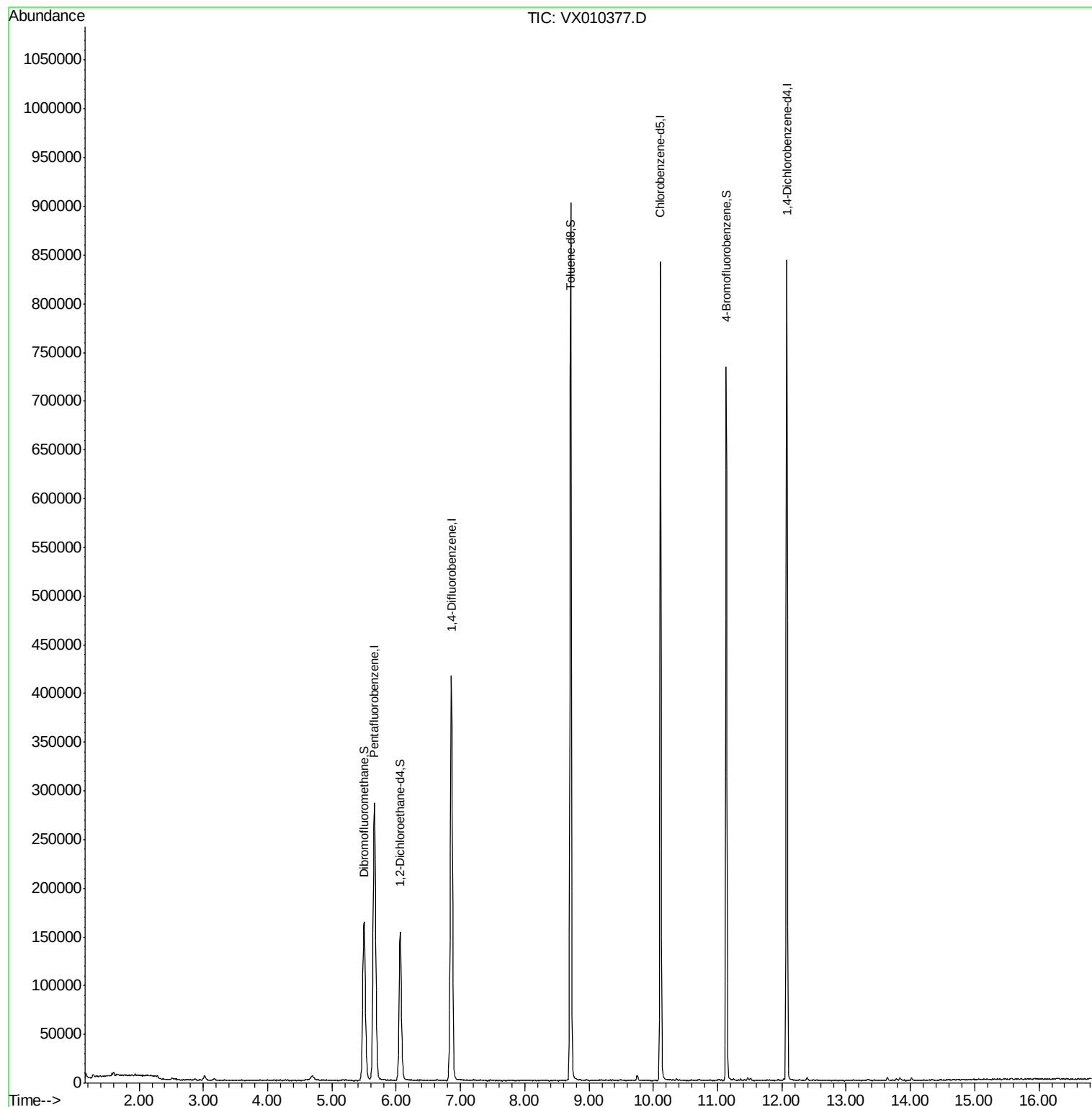
Target Compounds	Qvalue

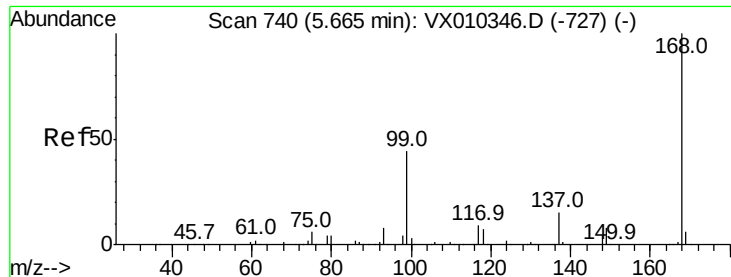
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 03:31:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010377.D

Acq: 21 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

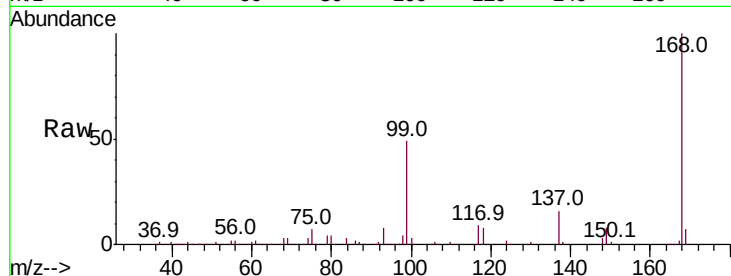
TB-01-190620

Tot Ion:168 Resp: 305936

Ion Ratio Lower Upper

168 100

99 48.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

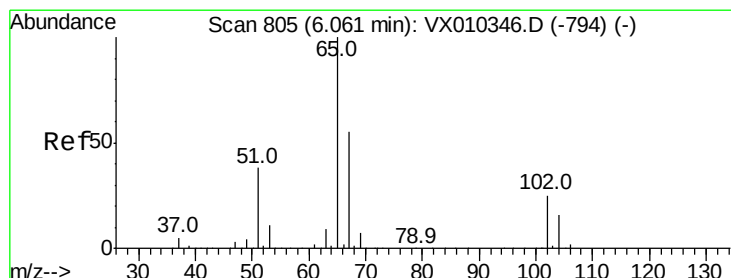
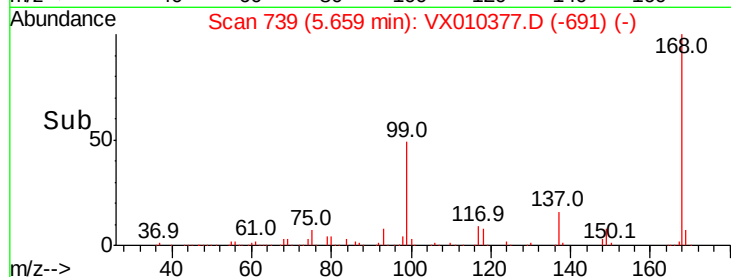
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.543 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010377.D

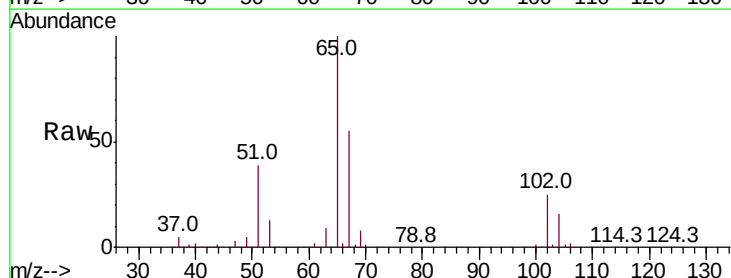
Acq: 21 Jun 2019 12:18

Tgt Ion: 65 Resp: 139244

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

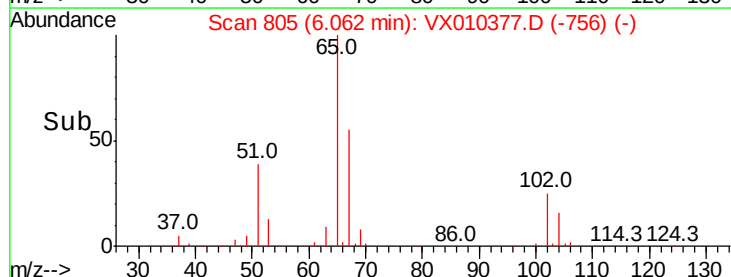
30000

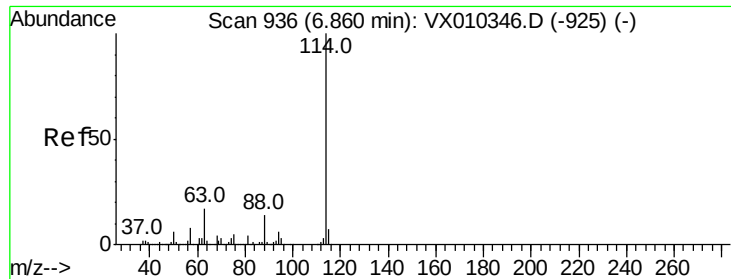
20000

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: VX010377.D

Acq: 21 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

TB-01-190620

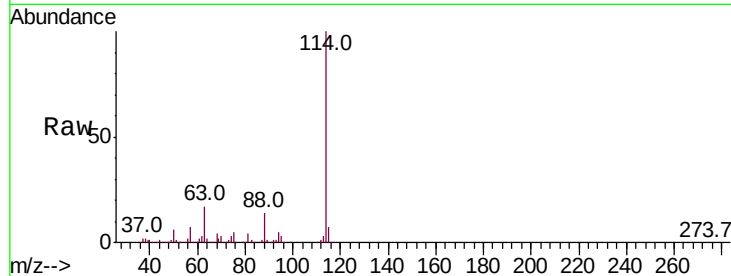
Tot Ion:114 Resp: 461764

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.8

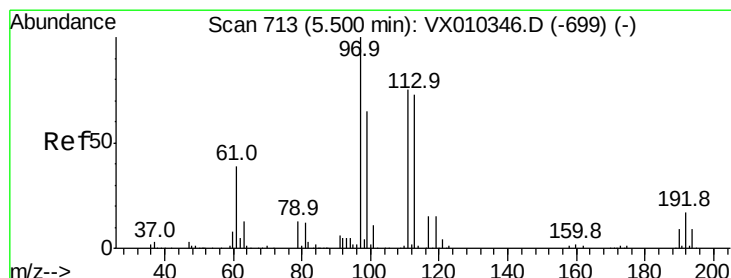
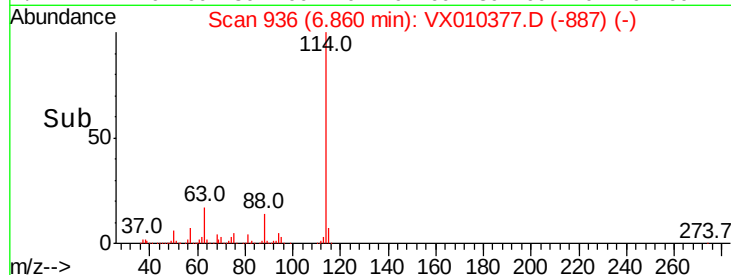
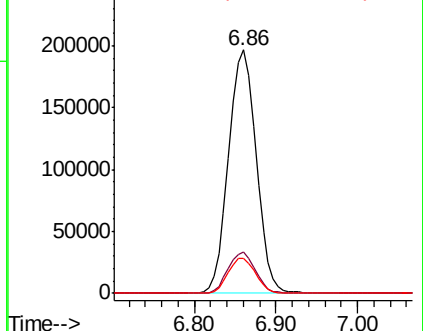
88 14.5 0.0 27.6



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: 50.195 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010377.D

Acq: 21 Jun 2019 12:18

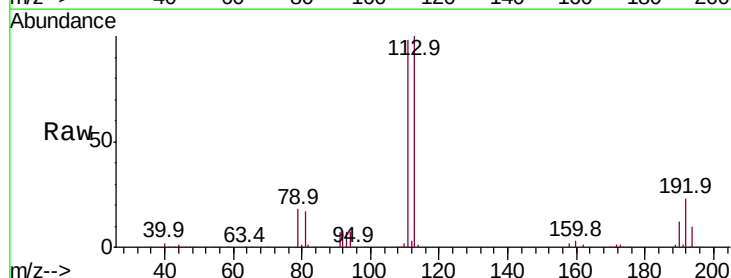
Tgt Ion:113 Resp: 141812

Ion Ratio Lower Upper

113 100

111 101.6 81.2 121.8

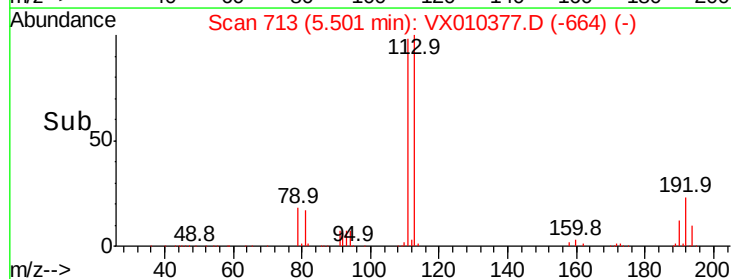
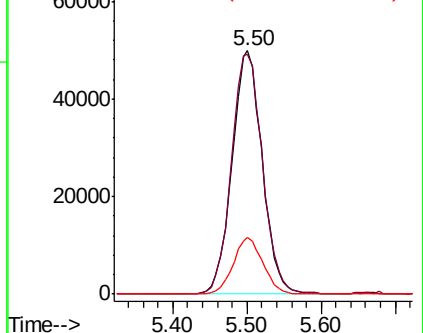
192 22.9 18.6 27.8

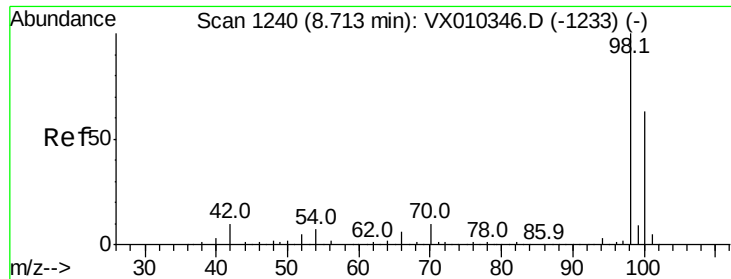


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.165 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010377.D

Acq: 21 Jun 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

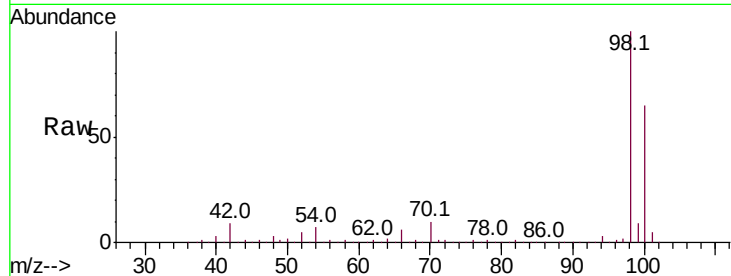
TB-01-190620

Tot Ion: 98 Resp: 542228

Ion Ratio Lower Upper

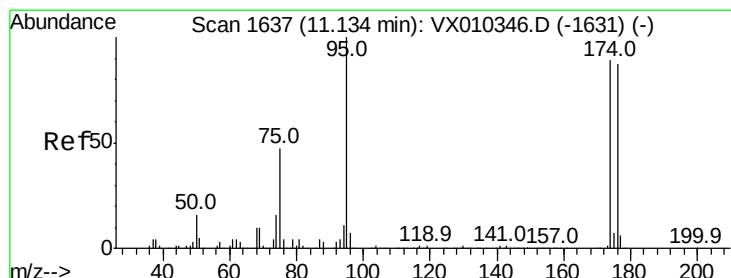
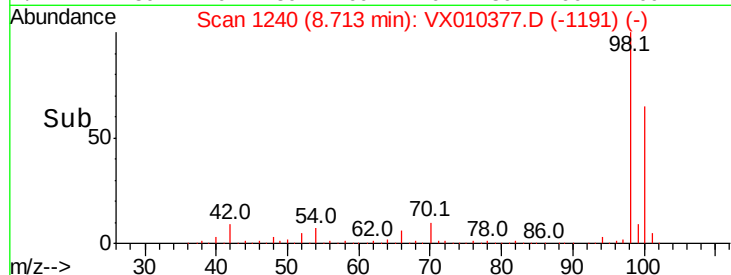
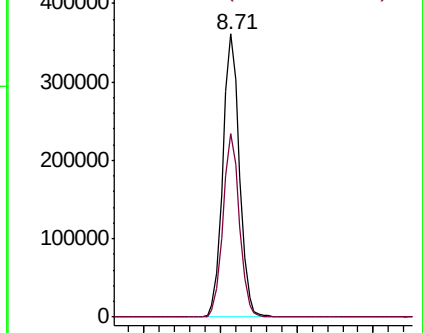
98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.282 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010377.D

Acq: 21 Jun 2019 12:18

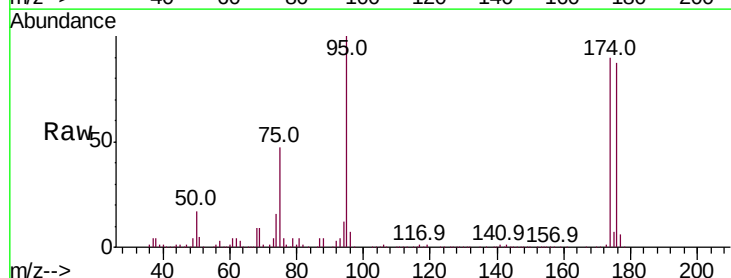
Tgt Ion: 95 Resp: 180605

Ion Ratio Lower Upper

95 100

174 95.2 0.0 187.6

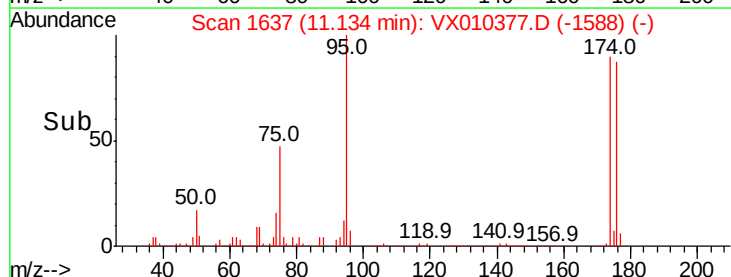
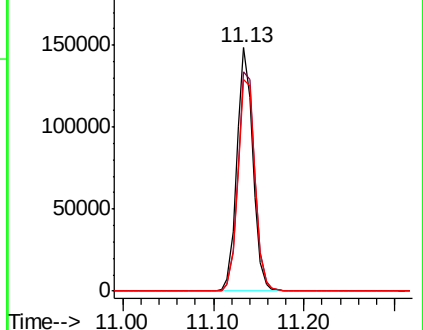
176 92.9 0.0 184.0

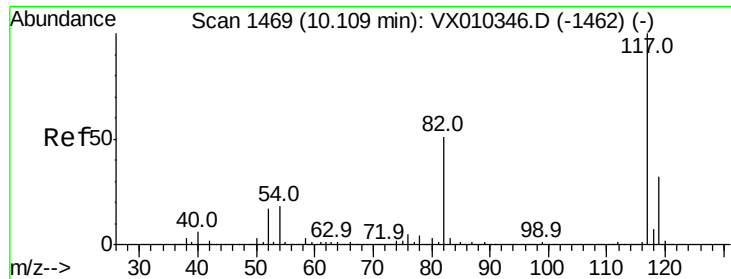


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

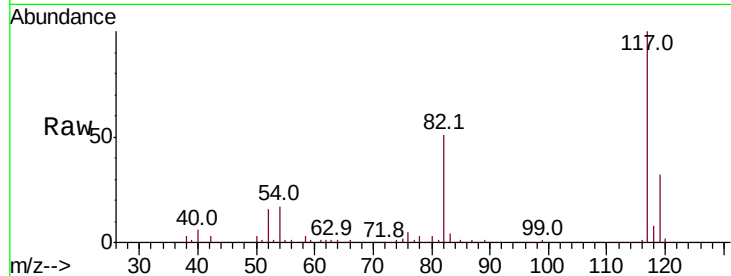




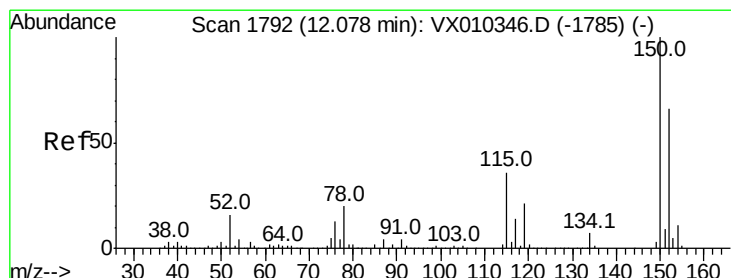
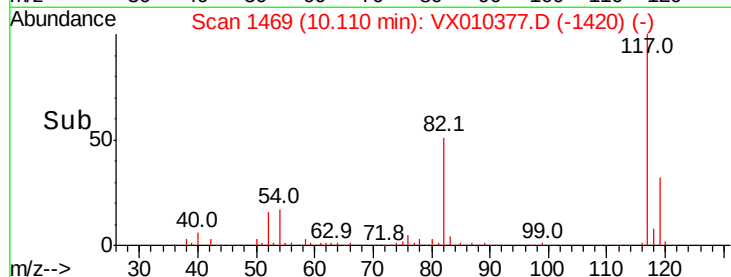
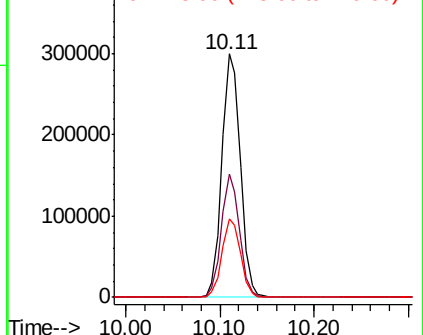
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010377.D
Acq: 21 Jun 2019 12:18

Instrument :
MSVOA_X
ClientSampled :
TB-01-190620

Tot Ion:117 Resp: 409828
Ion Ratio Lower Upper
117 100
82 50.7 41.2 61.8
119 32.3 25.5 38.3

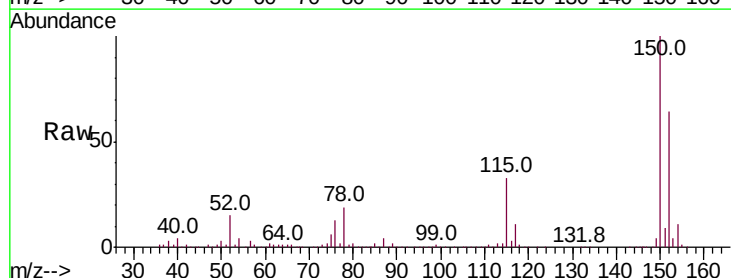


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010377.D
Acq: 21 Jun 2019 12:18

Tgt Ion:152 Resp: 192876
Ion Ratio Lower Upper
152 100
115 52.7 38.6 115.7
150 155.2 0.0 347.4



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

