

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010375.D
 Acq On : 21 Jun 2019 11:19
 Operator : JC/SP
 Sample : VX0621WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBL01

Quant Time: Jun 21 23:24:26 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	287797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	435816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	371604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165653	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	142066	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
35) Dibromofluoromethane	5.49	113	142920	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
50) Toluene-d8	8.71	98	540433	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
62) 4-Bromofluorobenzene	11.13	95	173702	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	

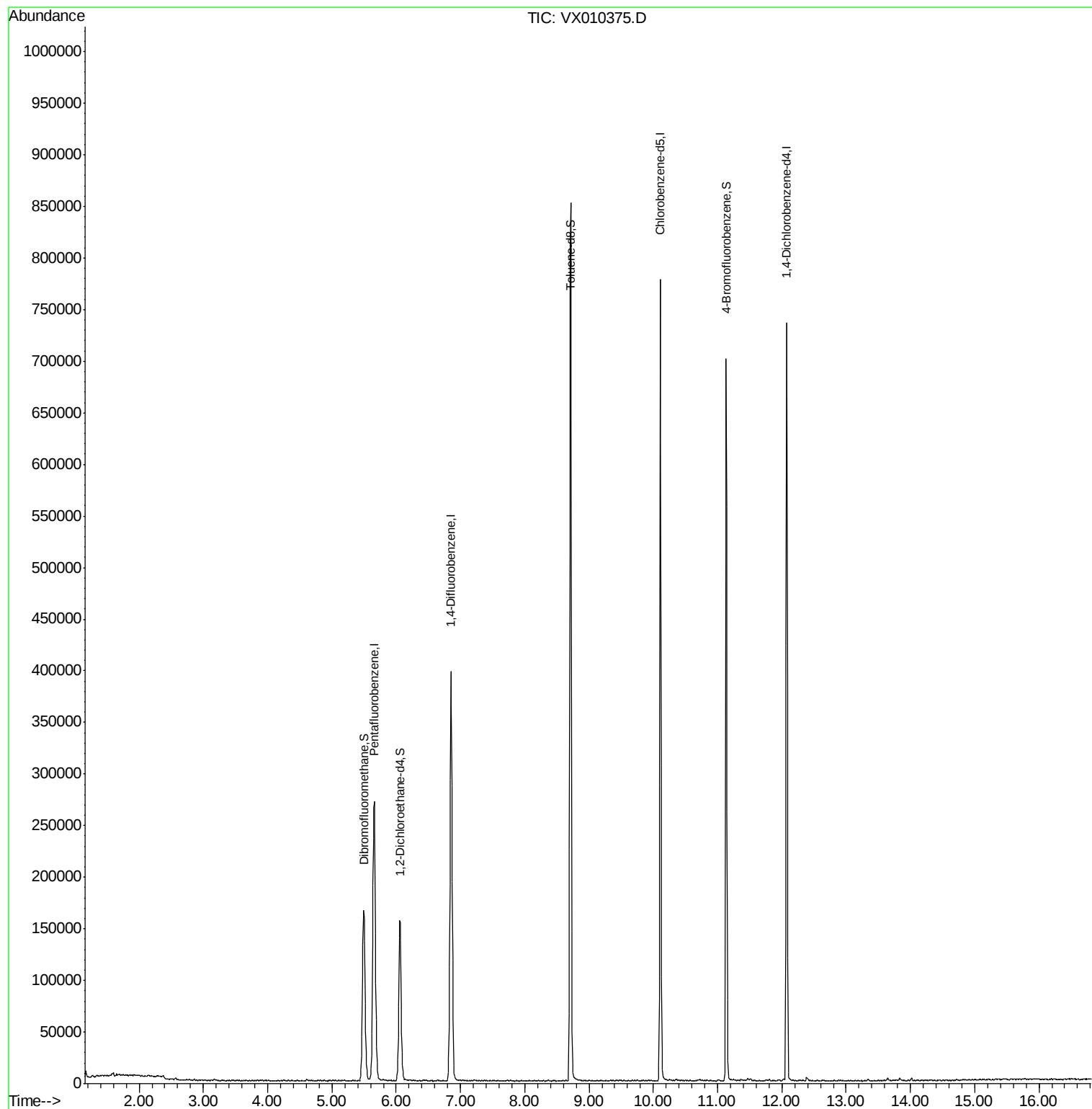
Target Compounds	Qvalue

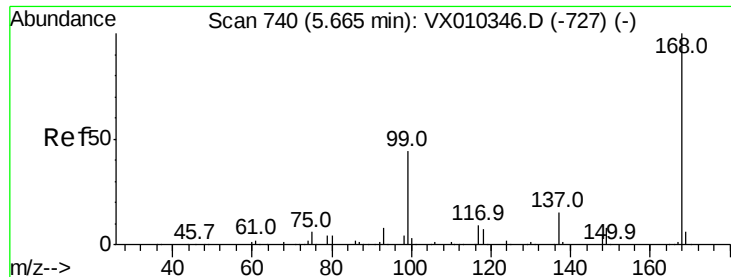
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010375.D

Acq: 21 Jun 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

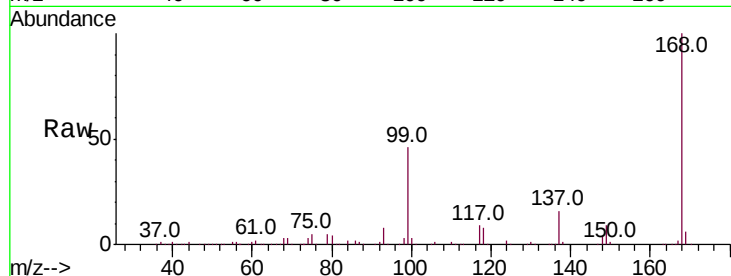
VX0621WBL01

Tot Ion:168 Resp: 287797

Ion Ratio Lower Upper

168 100

99 45.9 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

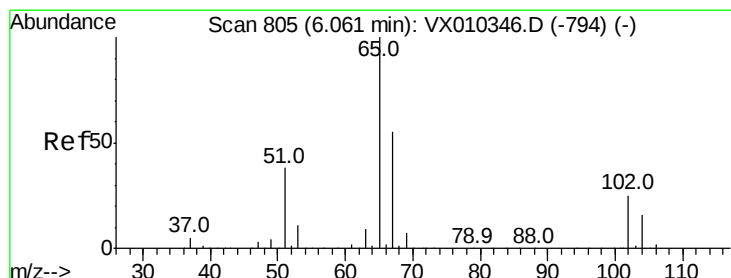
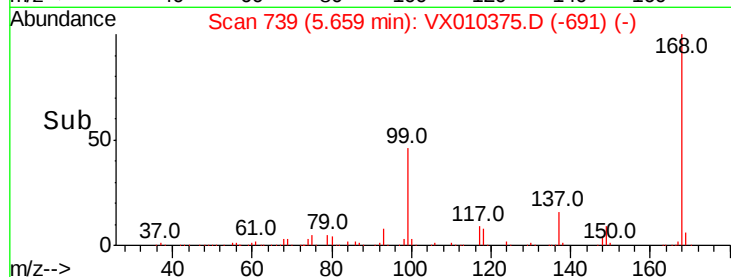
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.649 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010375.D

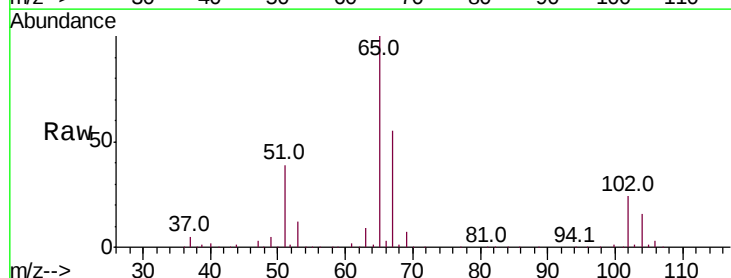
Acq: 21 Jun 2019 11:19

Tgt Ion: 65 Resp: 142066

Ion Ratio Lower Upper

65 100

67 54.4 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

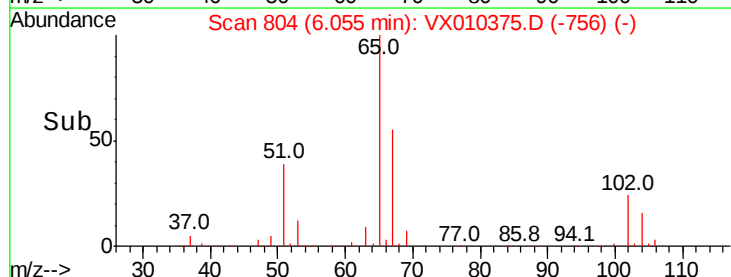
20000

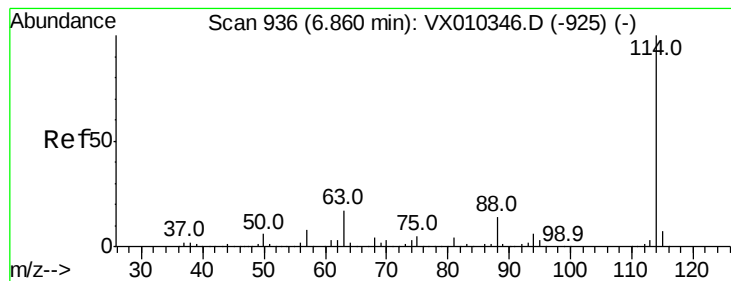
10000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010375.D

Acq: 21 Jun 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

VX0621WBL01

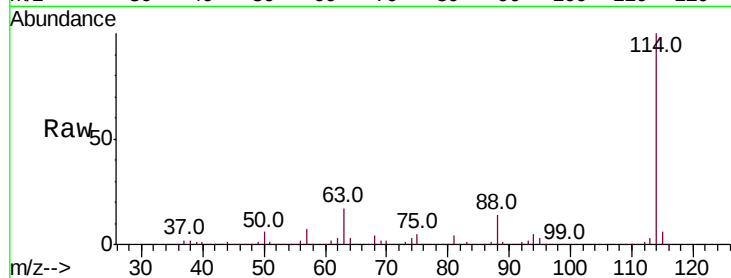
Tot Ion:114 Resp: 435816

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.8

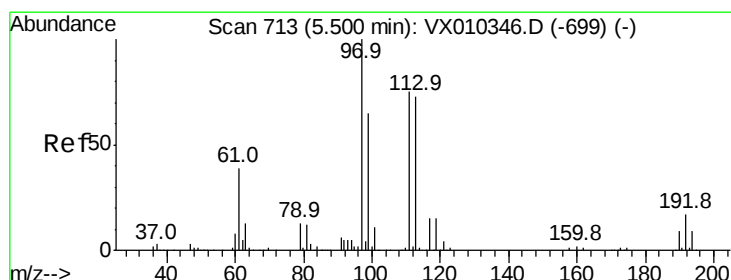
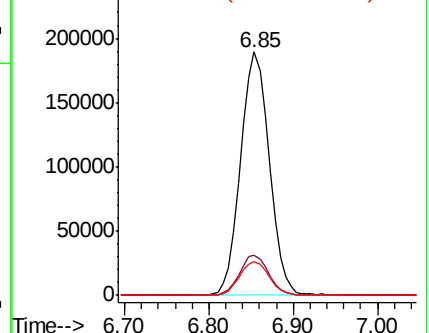
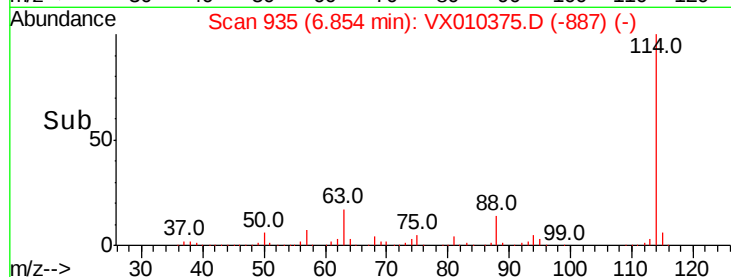
88 13.9 0.0 27.6



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: 53.599 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010375.D

Acq: 21 Jun 2019 11:19

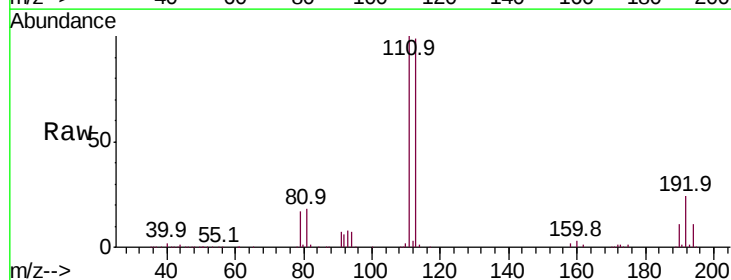
Tgt Ion:113 Resp: 142920

Ion Ratio Lower Upper

113 100

111 101.0 81.2 121.8

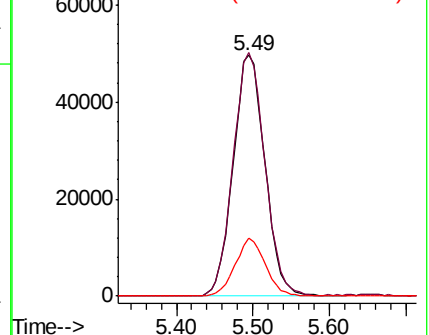
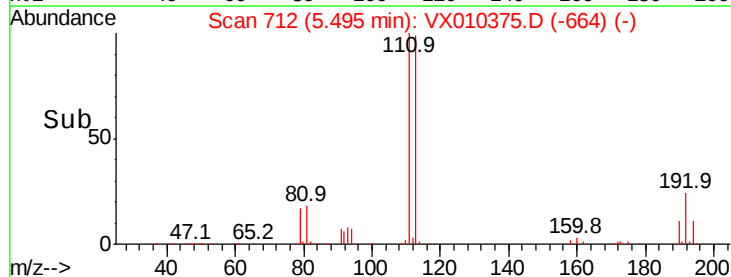
192 22.7 18.6 27.8

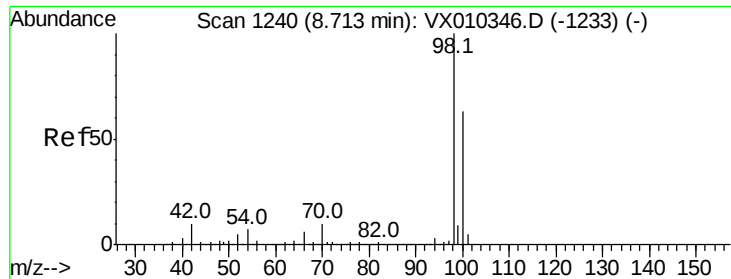


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.976 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010375.D

Acq: 21 Jun 2019 11:19

Instrument :

MSVOA_X

ClientSampleId :

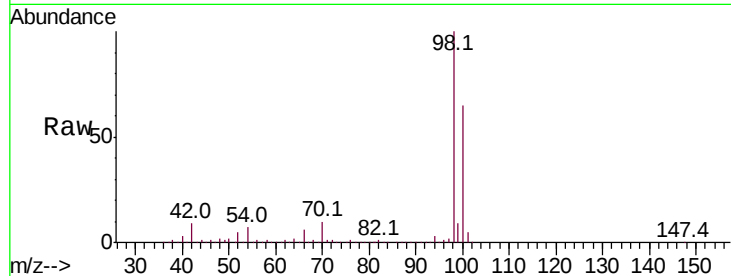
VX0621WBL01

Tot Ion: 98 Resp: 540433

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

8.71

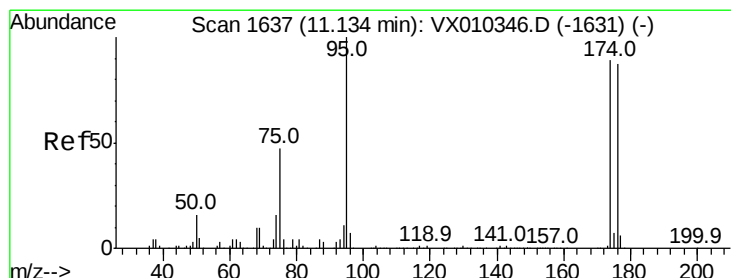
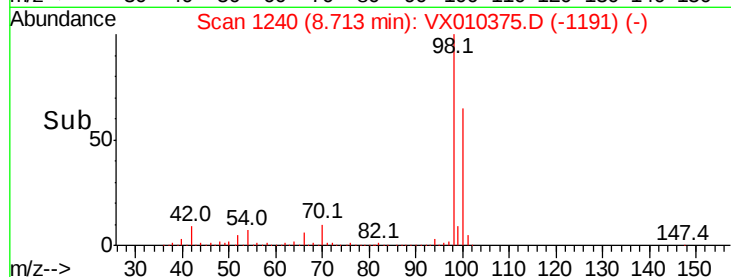
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.163 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010375.D

Acq: 21 Jun 2019 11:19

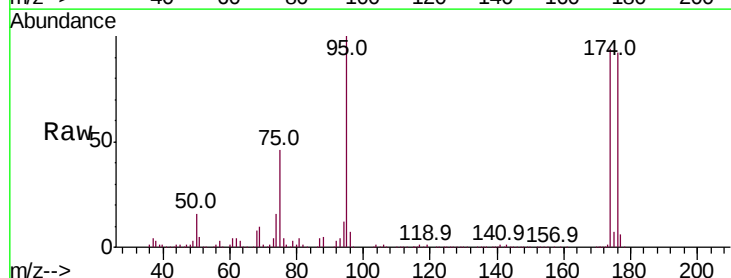
Tgt Ion: 95 Resp: 173702

Ion Ratio Lower Upper

95 100

174 96.2 0.0 187.6

176 92.6 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

11.13

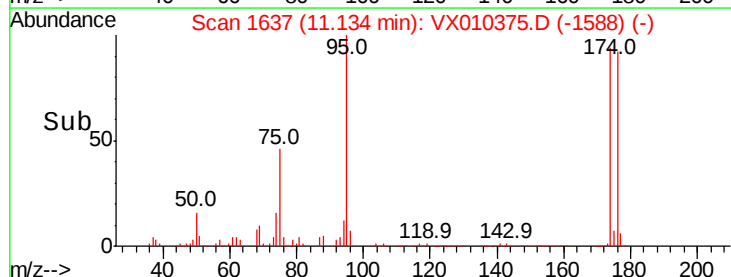
150000

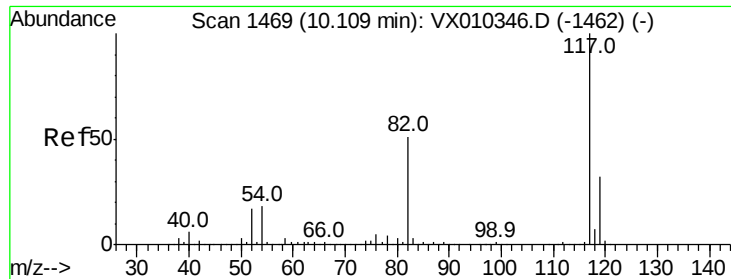
100000

50000

0

Time-->

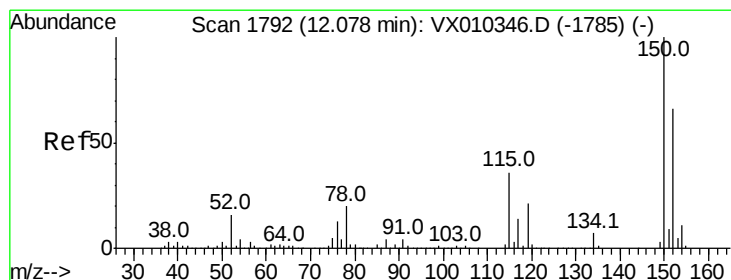
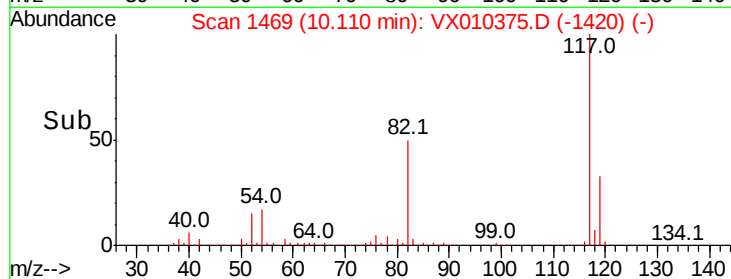
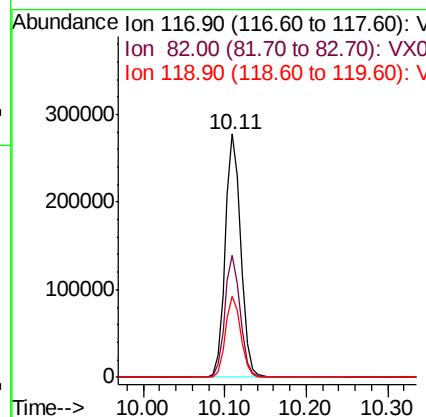
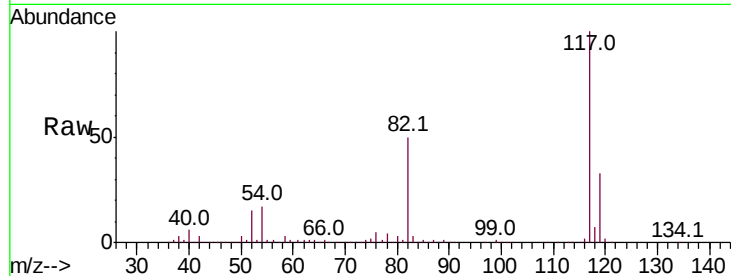




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX010375.D
 Acq: 21 Jun 2019 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBL01

Tot Ion:117 Resp: 371604
 Ion Ratio Lower Upper
 117 100
 82 50.3 41.2 61.8
 119 33.0 25.5 38.3



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010375.D
 Acq: 21 Jun 2019 11:19

Tgt Ion:152 Resp: 165653
 Ion Ratio Lower Upper
 152 100
 115 53.8 38.6 115.7
 150 155.3 0.0 347.4

