

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
 Data File : VX010624.D
 Acq On : 02 Jul 2019 17:57
 Operator : JC/SP
 Sample : K3636-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-MMW0002

Quant Time: Jul 03 03:56:53 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	5.67	168	239762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	371380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	338214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151745	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117159	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	5.50	113	113388	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	8.71	98	438643	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	147775	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

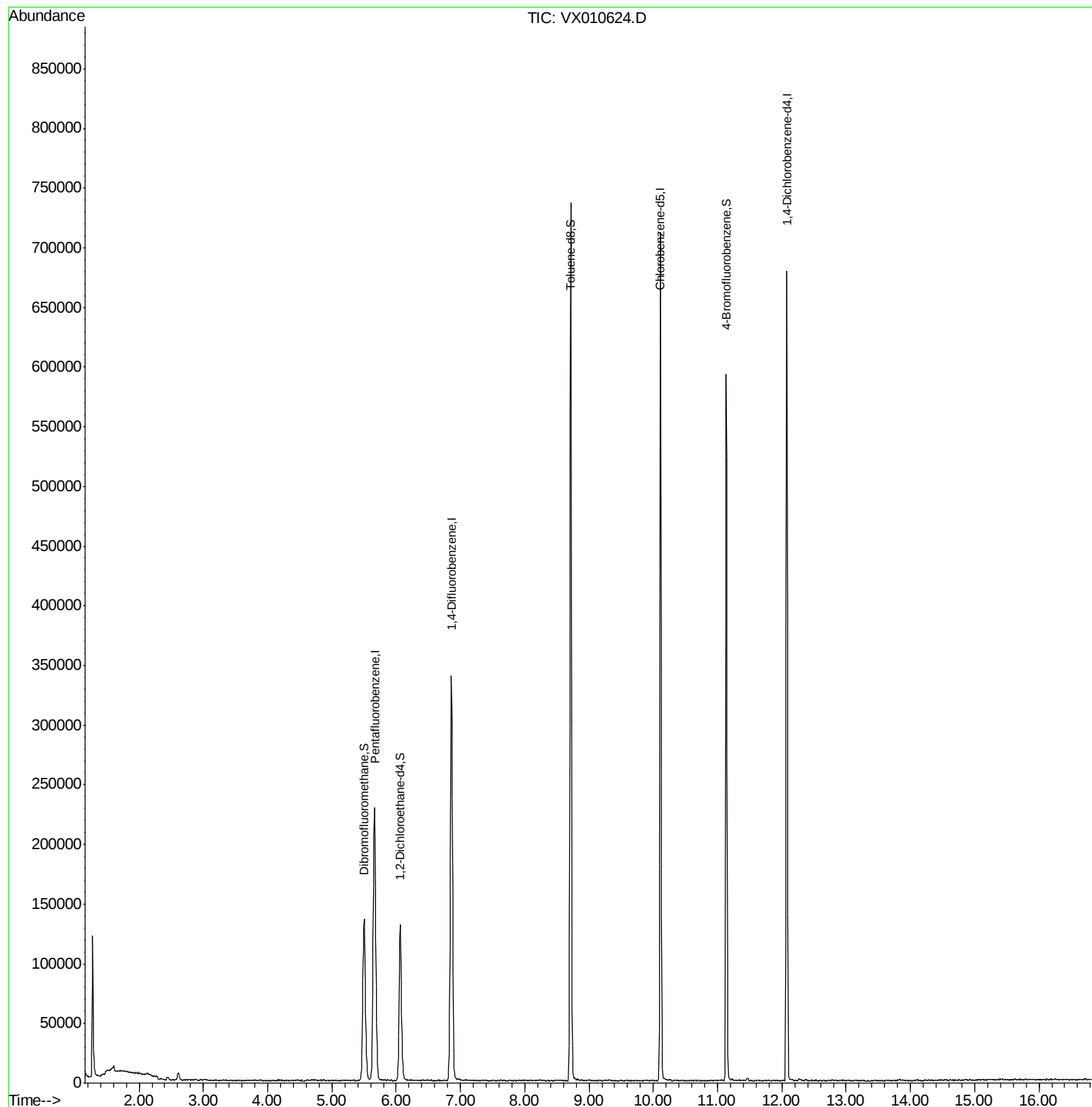
Target Compounds	Qvalue

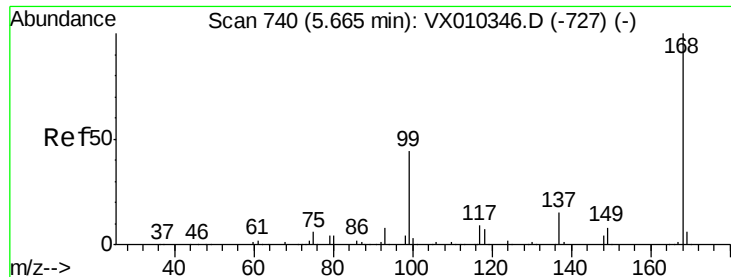
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010624.D

Acq: 02 Jul 2019 17:57

Instrument :

MSVOA_X

ClientSampleId :

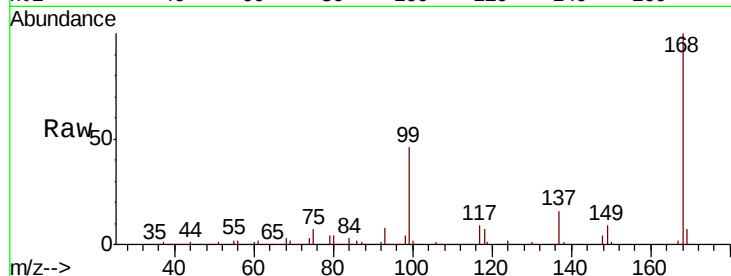
SP19-MMW0002

Tot Ion:168 Resp: 239762

Ion Ratio Lower Upper

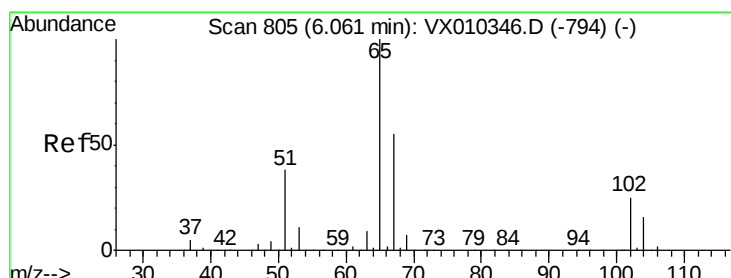
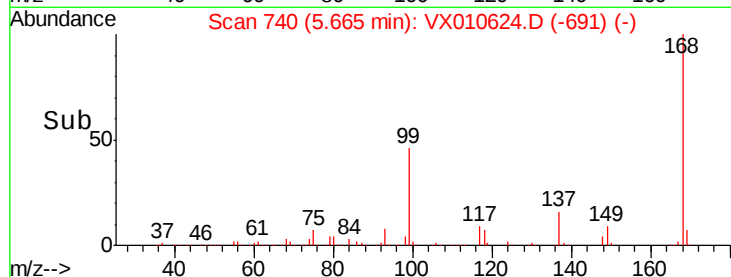
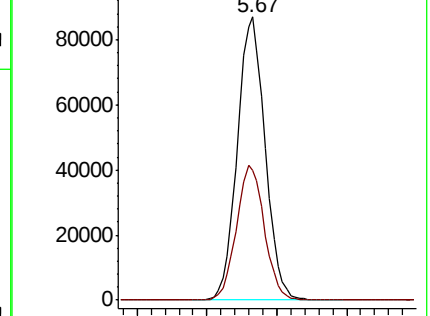
168 100

99 45.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.117 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010624.D

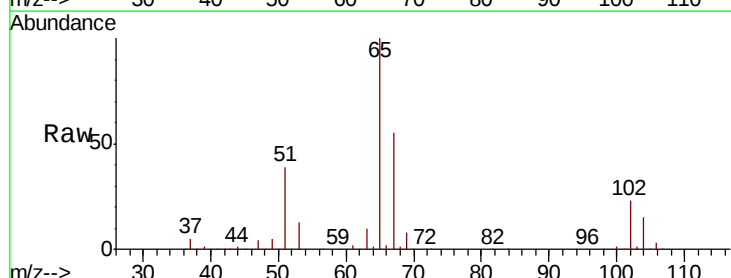
Acq: 02 Jul 2019 17:57

Tgt Ion: 65 Resp: 117159

Ion Ratio Lower Upper

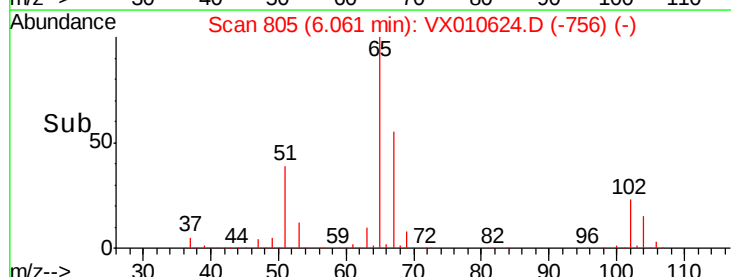
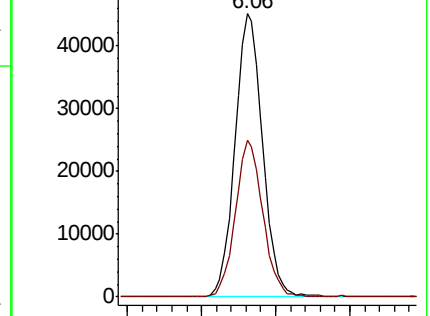
65 100

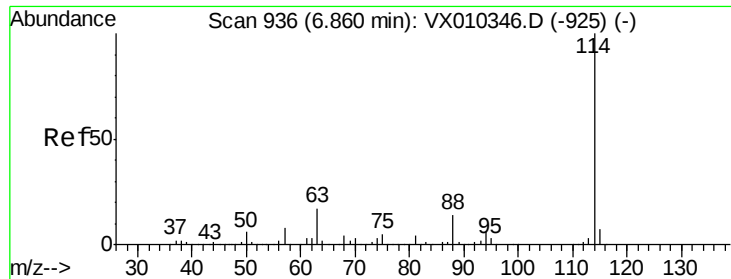
67 54.8 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010624.D

Acq: 02 Jul 2019 17:57

Instrument :

MSVOA_X

ClientSampleId :

SP19-MMW0002

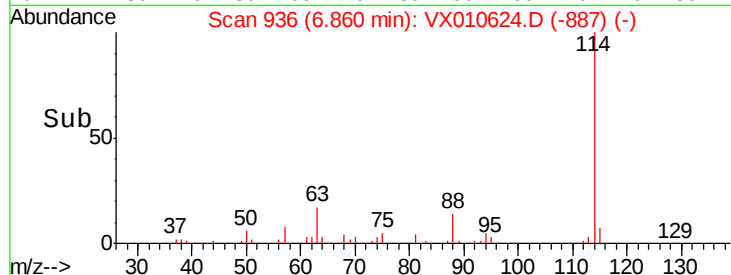
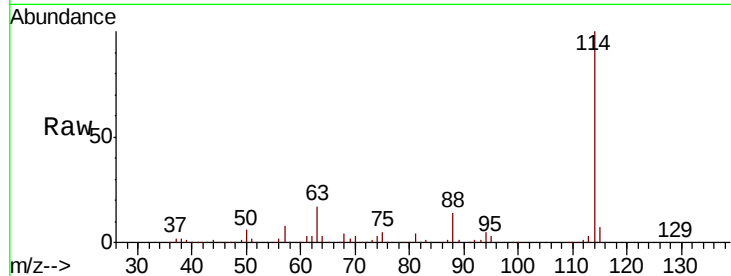
Tot Ion:114 Resp: 371380

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

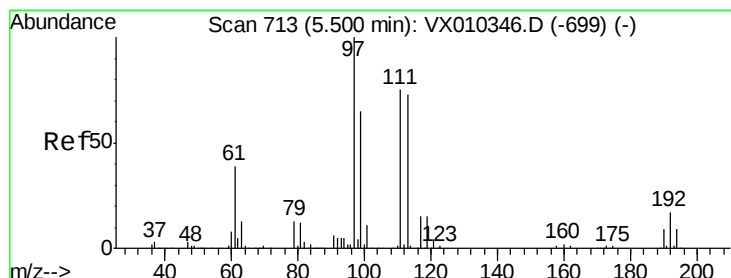
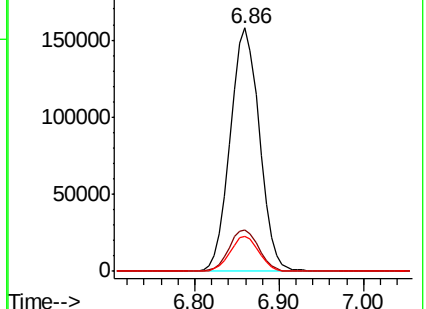
88 14.4 0.0 27.6



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: 49.901 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010624.D

Acq: 02 Jul 2019 17:57

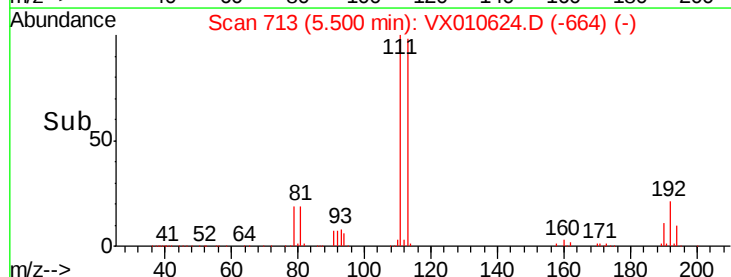
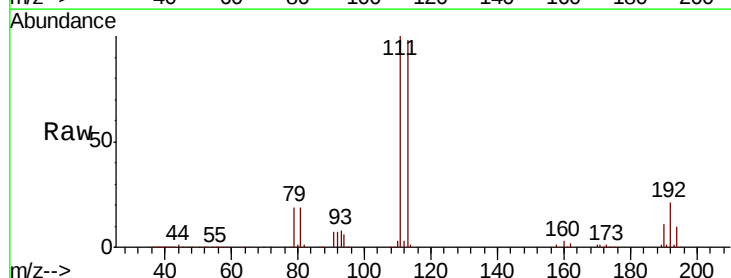
Tgt Ion:113 Resp: 113388

Ion Ratio Lower Upper

113 100

111 102.7 81.2 121.8

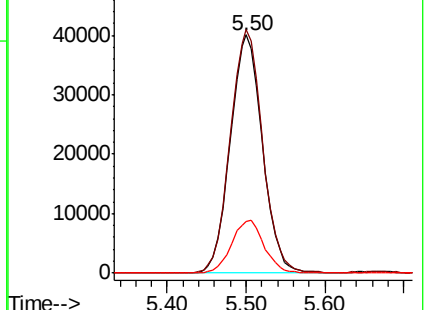
192 22.2 18.6 27.8

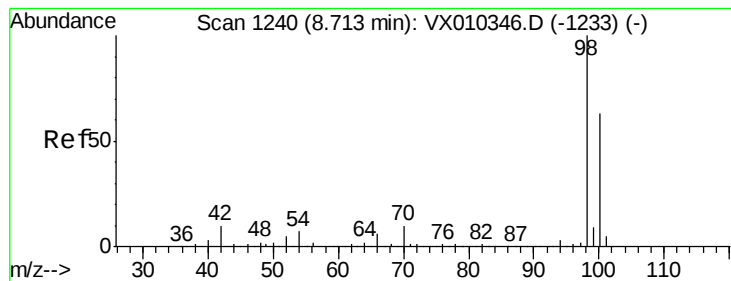


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.459 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010624.D

Acq: 02 Jul 2019 17:57

Instrument :

MSVOA_X

ClientSampleId :

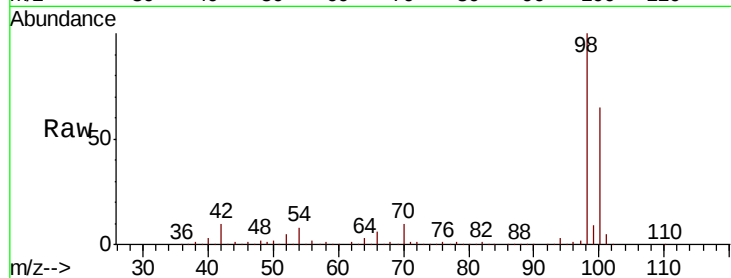
SP19-MMW0002

Tot Ion: 98 Resp: 438643

Ion Ratio Lower Upper

98 100

100 64.0 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

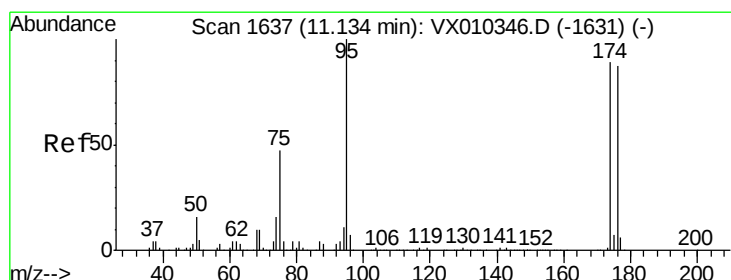
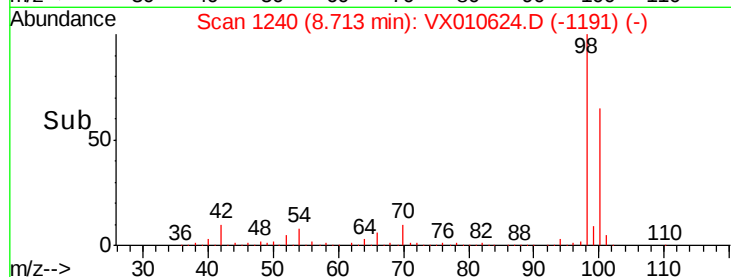
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 47.085 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010624.D

Acq: 02 Jul 2019 17:57

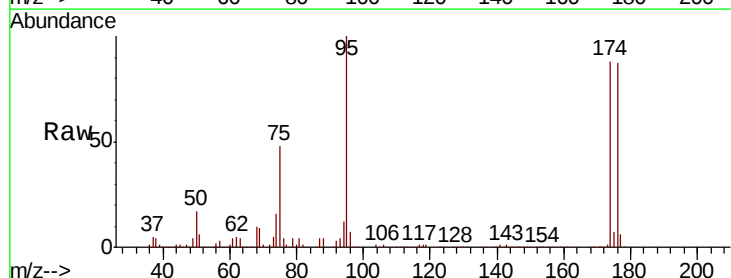
Tgt Ion: 95 Resp: 147775

Ion Ratio Lower Upper

95 100

174 92.7 0.0 187.6

176 90.8 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

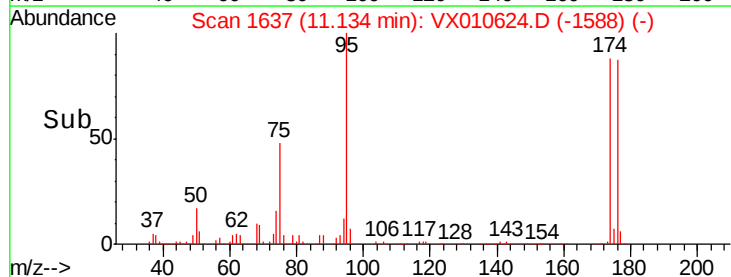
150000

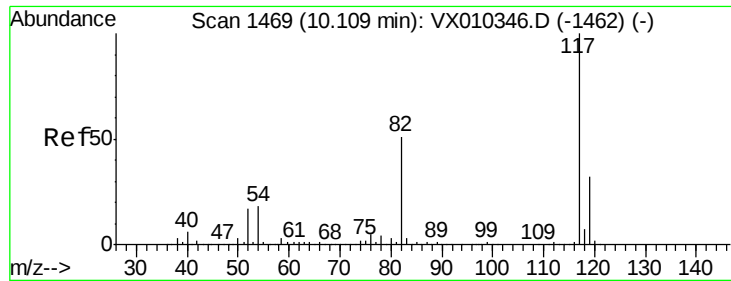
100000

50000

0

Time--> 11.10 11.20

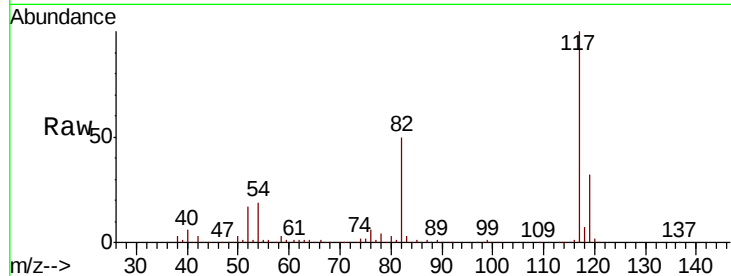




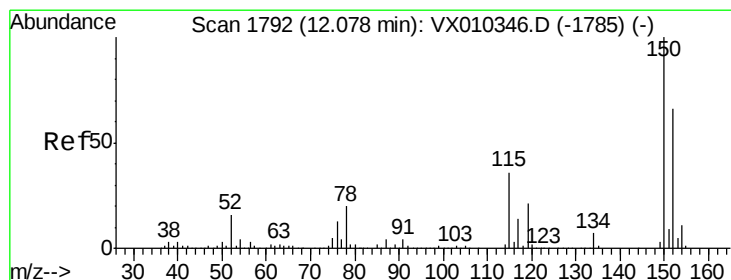
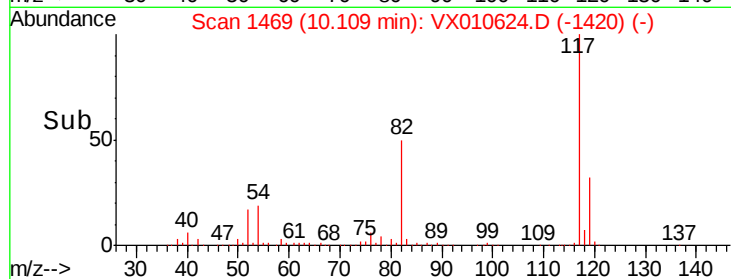
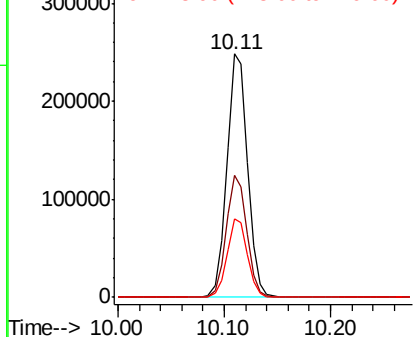
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010624.D
Acq: 02 Jul 2019 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP19-MMW0002

Tot Ion:117 Resp: 338214
Ion Ratio Lower Upper
117 100
82 50.3 41.2 61.8
119 32.1 25.5 38.3

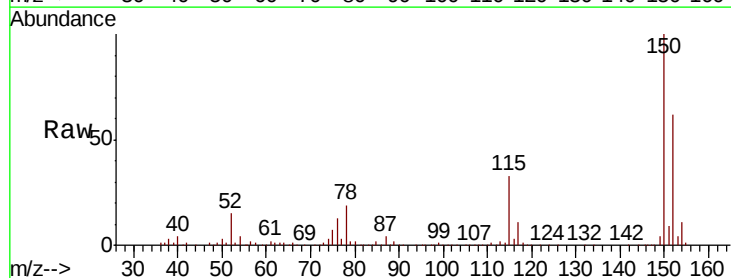


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010624.D
Acq: 02 Jul 2019 17:57

Tgt Ion:152 Resp: 151745
Ion Ratio Lower Upper
152 100
115 55.8 38.6 115.7
150 159.9 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

