

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010643.D
 Acq On : 03 Jul 2019 16:25
 Operator : JC/SP
 Sample : K3635-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-B

Quant Time: Jul 04 04:25:56 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	243722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374827	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159255	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	120106	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
35) Dibromofluoromethane	5.50	113	114500	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	8.71	98	443570	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.13	95	149074	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	

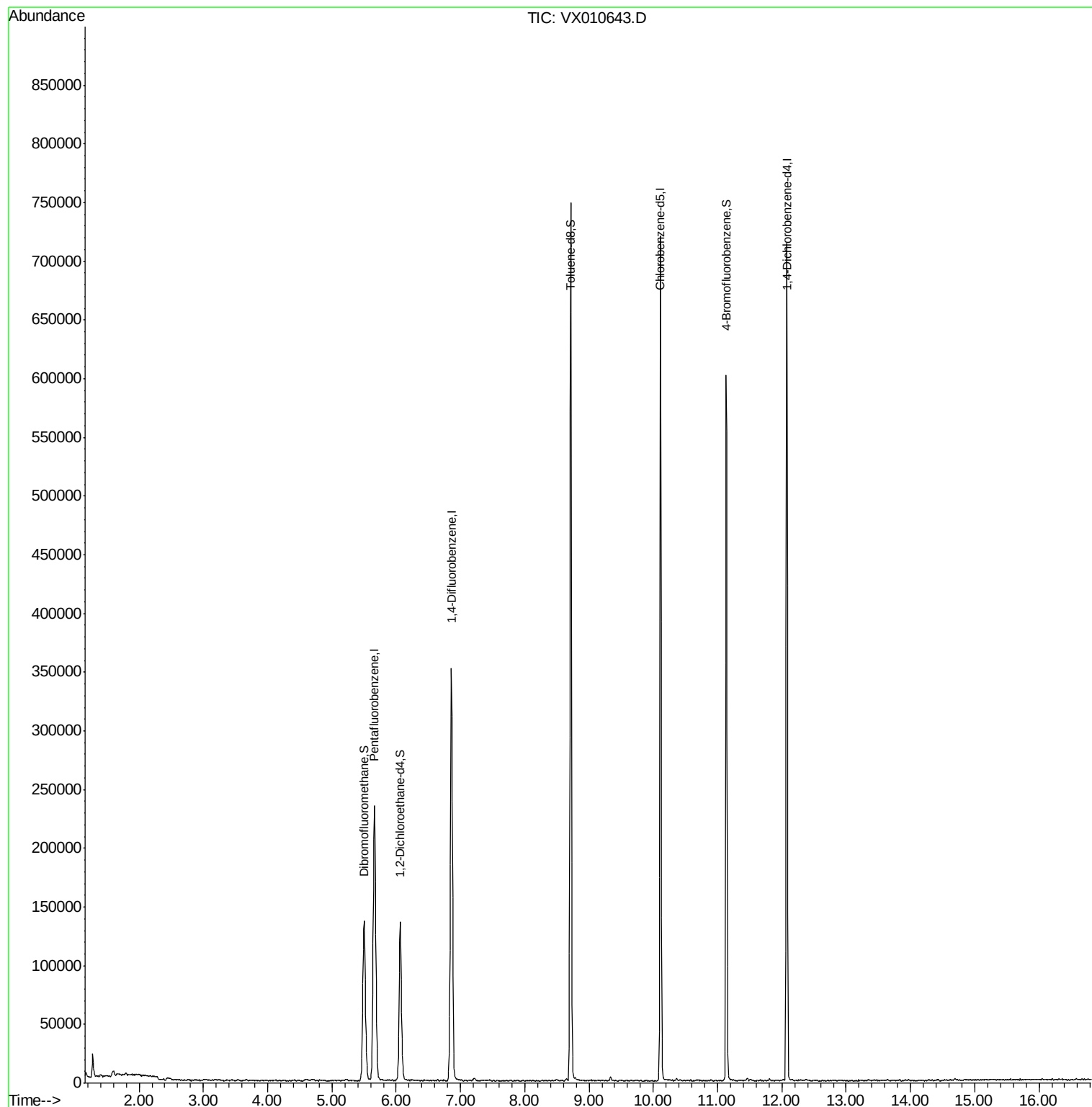
Target Compounds	Qvalue
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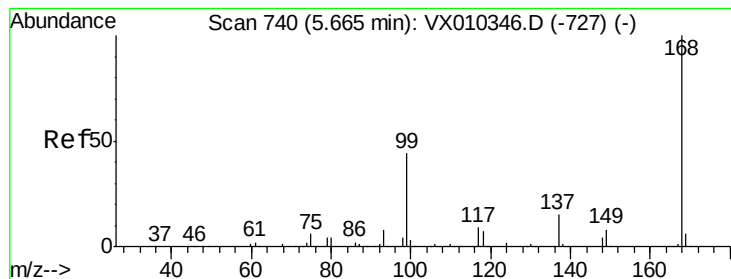
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010643.D

Acq: 03 Jul 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

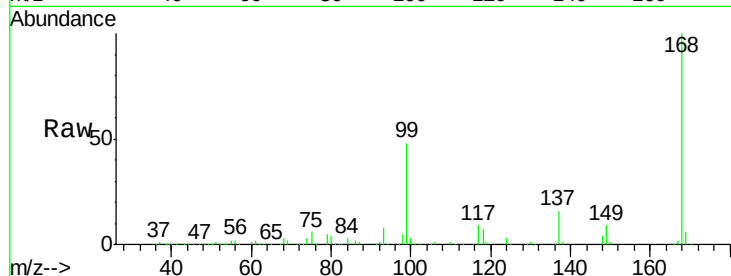
MW-B

Tot Ion:168 Resp: 243722

Ion Ratio Lower Upper

168 100

99 48.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

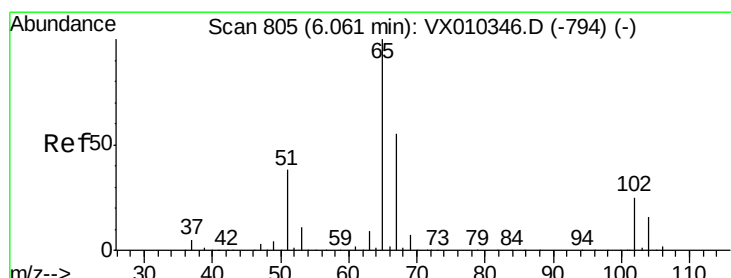
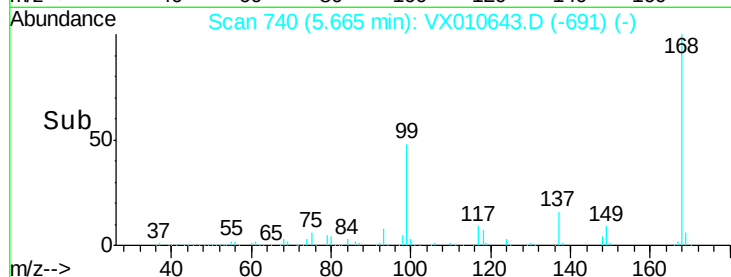
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 52.560 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010643.D

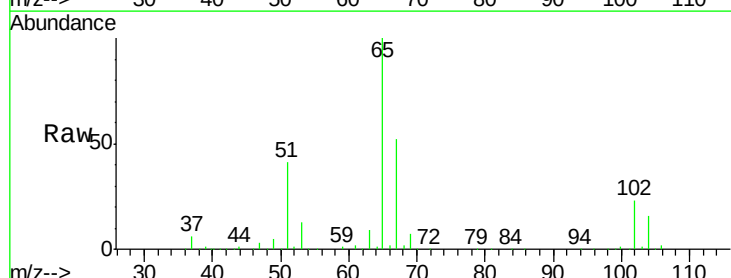
Acq: 03 Jul 2019 16:25

Tgt Ion: 65 Resp: 120106

Ion Ratio Lower Upper

65 100

67 53.7 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

50000

40000

30000

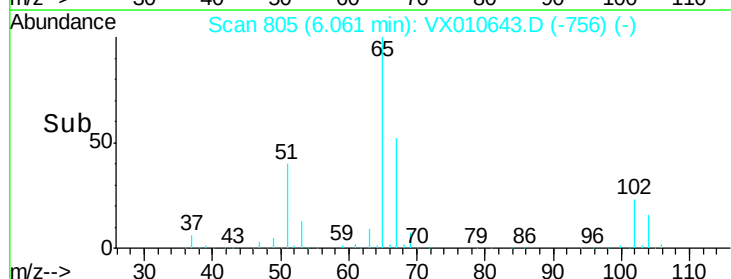
20000

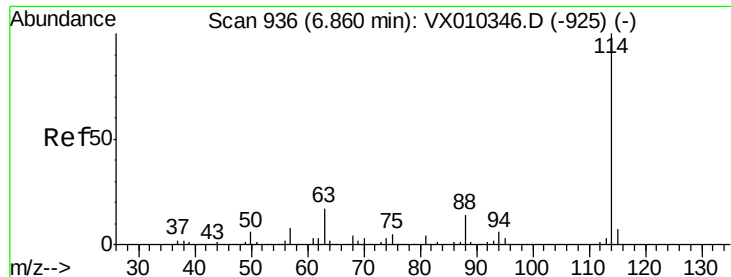
10000

0

Time-->

5.90 6.00 6.10 6.20

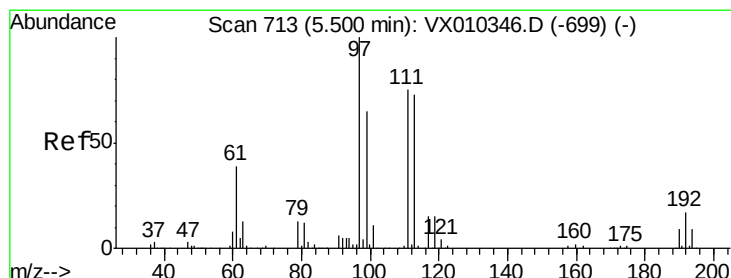
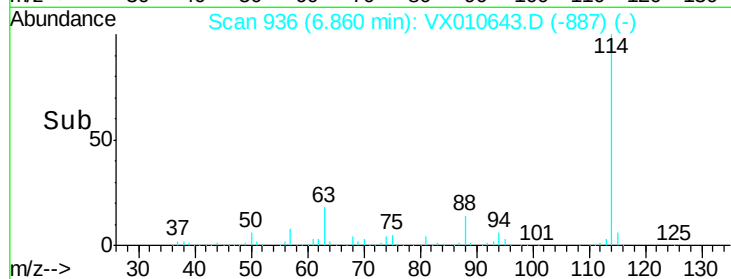
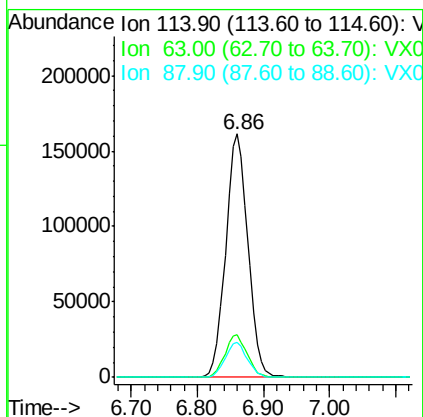
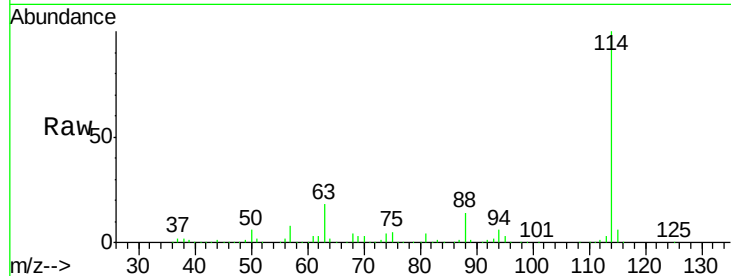




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010643.D
Acq: 03 Jul 2019 16:25

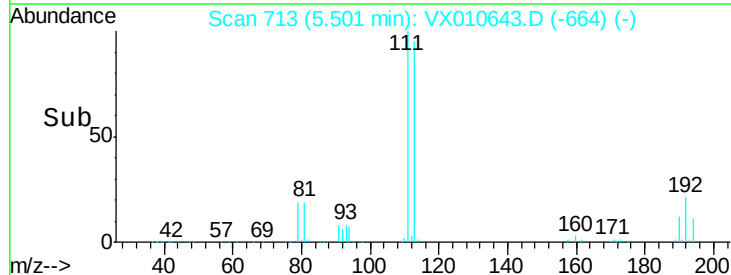
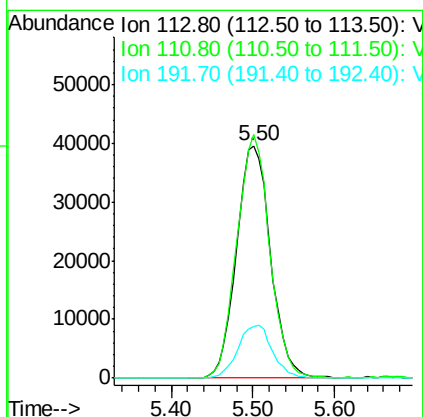
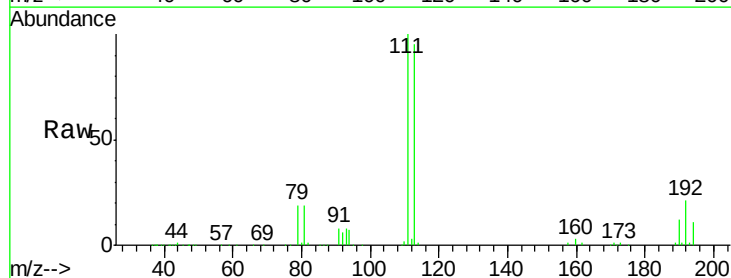
Instrument :
MSVOA_X
ClientSampleId :
MW-B

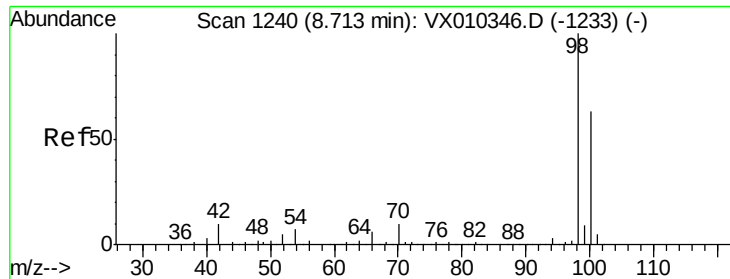
Tot Ion:114 Resp: 374827
Ion Ratio Lower Upper
114 100
63 17.7 0.0 33.8
88 14.3 0.0 27.6



#35
Dibromofluoromethane
Concen: 49.927 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010643.D
Acq: 03 Jul 2019 16:25

Tgt Ion:113 Resp: 114500
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 23.0 18.6 27.8





#50

Toluene-d8

Concen: 50.556 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010643.D

Acq: 03 Jul 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

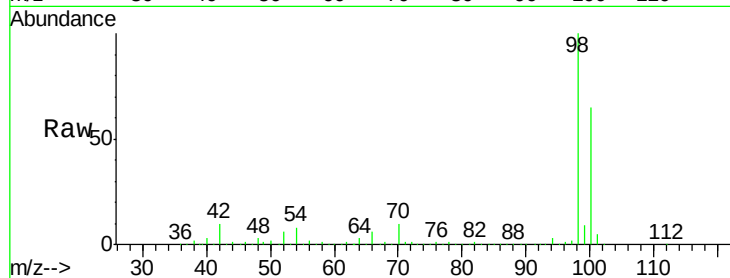
MW-B

Tot Ion: 98 Resp: 443570

Ion Ratio Lower Upper

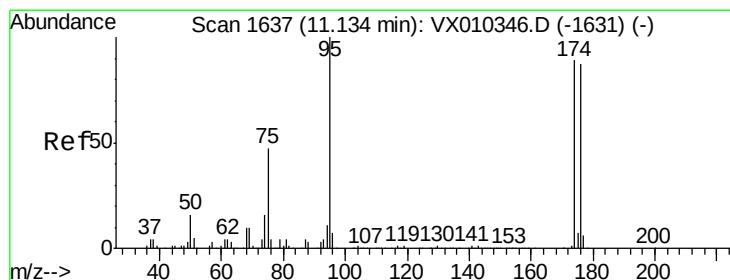
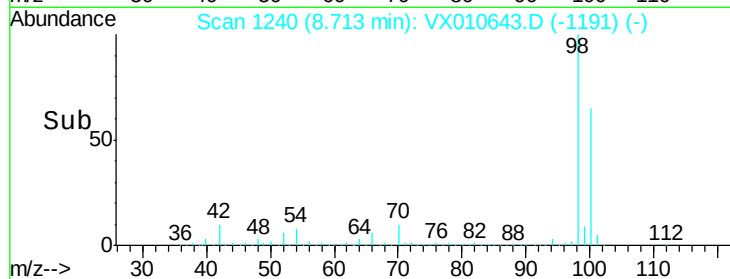
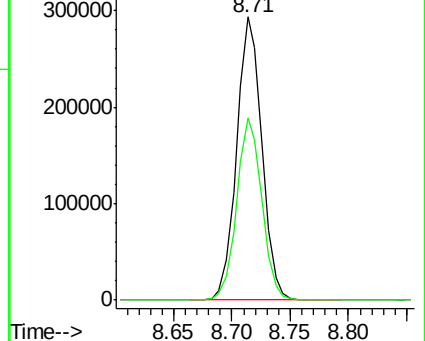
98 100

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): VX



#62

4-Bromofluorobenzene

Concen: 47.062 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010643.D

Acq: 03 Jul 2019 16:25

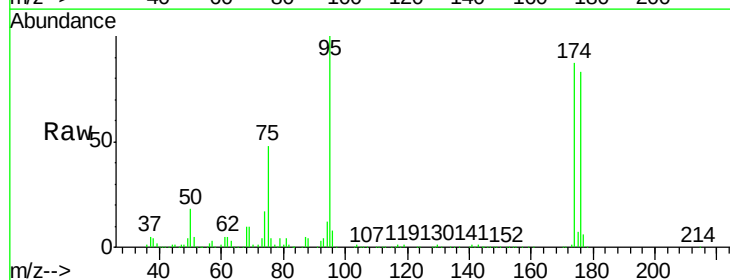
Tgt Ion: 95 Resp: 149074

Ion Ratio Lower Upper

95 100

174 92.2 0.0 187.6

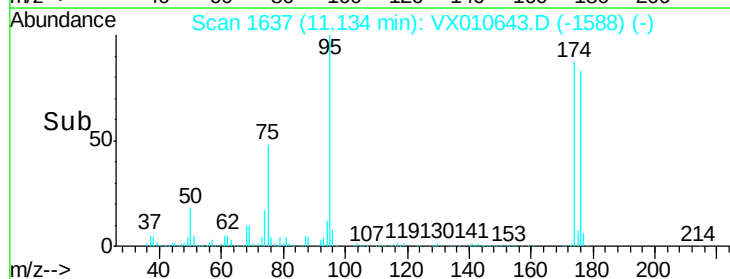
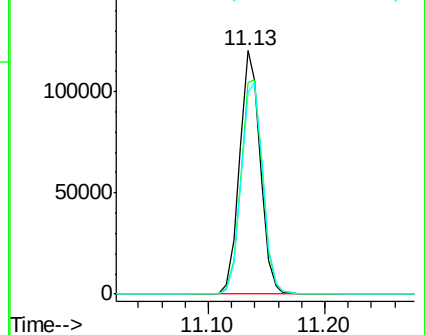
176 91.1 0.0 184.0

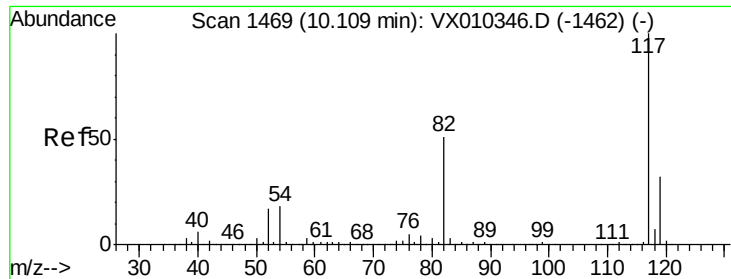


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

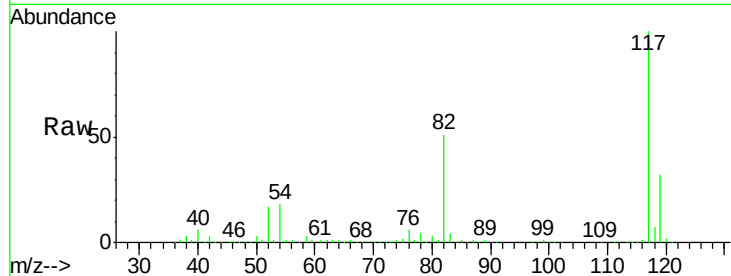




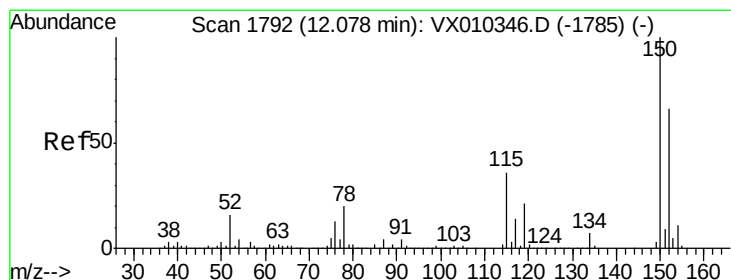
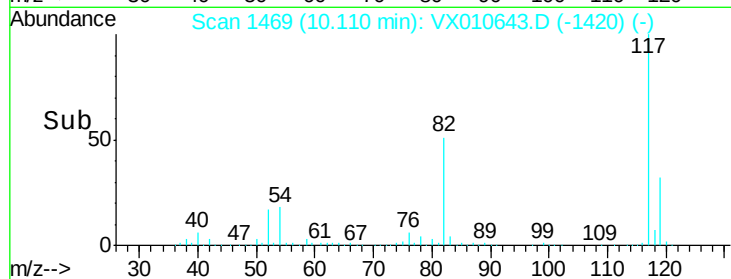
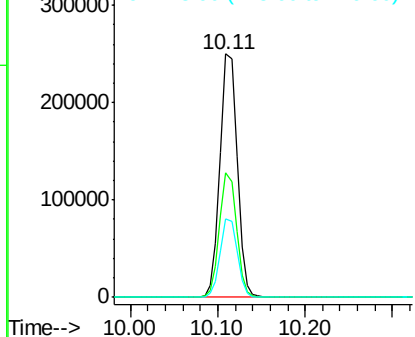
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010643.D
Acq: 03 Jul 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
MW-B

Tot Ion:117 Resp: 341478
Ion Ratio Lower Upper
117 100
82 51.3 41.2 61.8
119 32.3 25.5 38.3

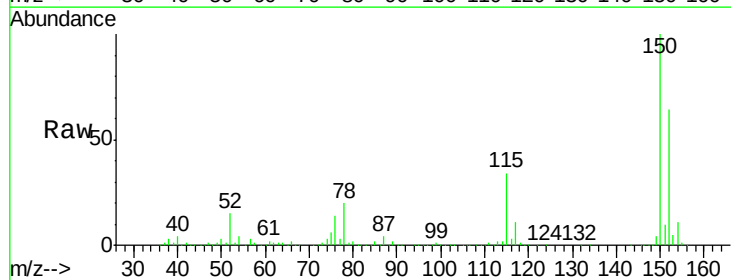


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010643.D
Acq: 03 Jul 2019 16:25

Tgt Ion:152 Resp: 159255
Ion Ratio Lower Upper
152 100
115 53.9 38.6 115.7
150 156.2 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

