

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012463.D
 Acq On : 18 Sep 2019 11:08
 Operator : JC/SP
 Sample : VX0918WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBL01

Quant Time: Sep 19 06:36:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	200290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	320187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	117557	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	134991	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
35) Dibromofluoromethane	5.48	113	95947	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.71	98	368341	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	135671	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	

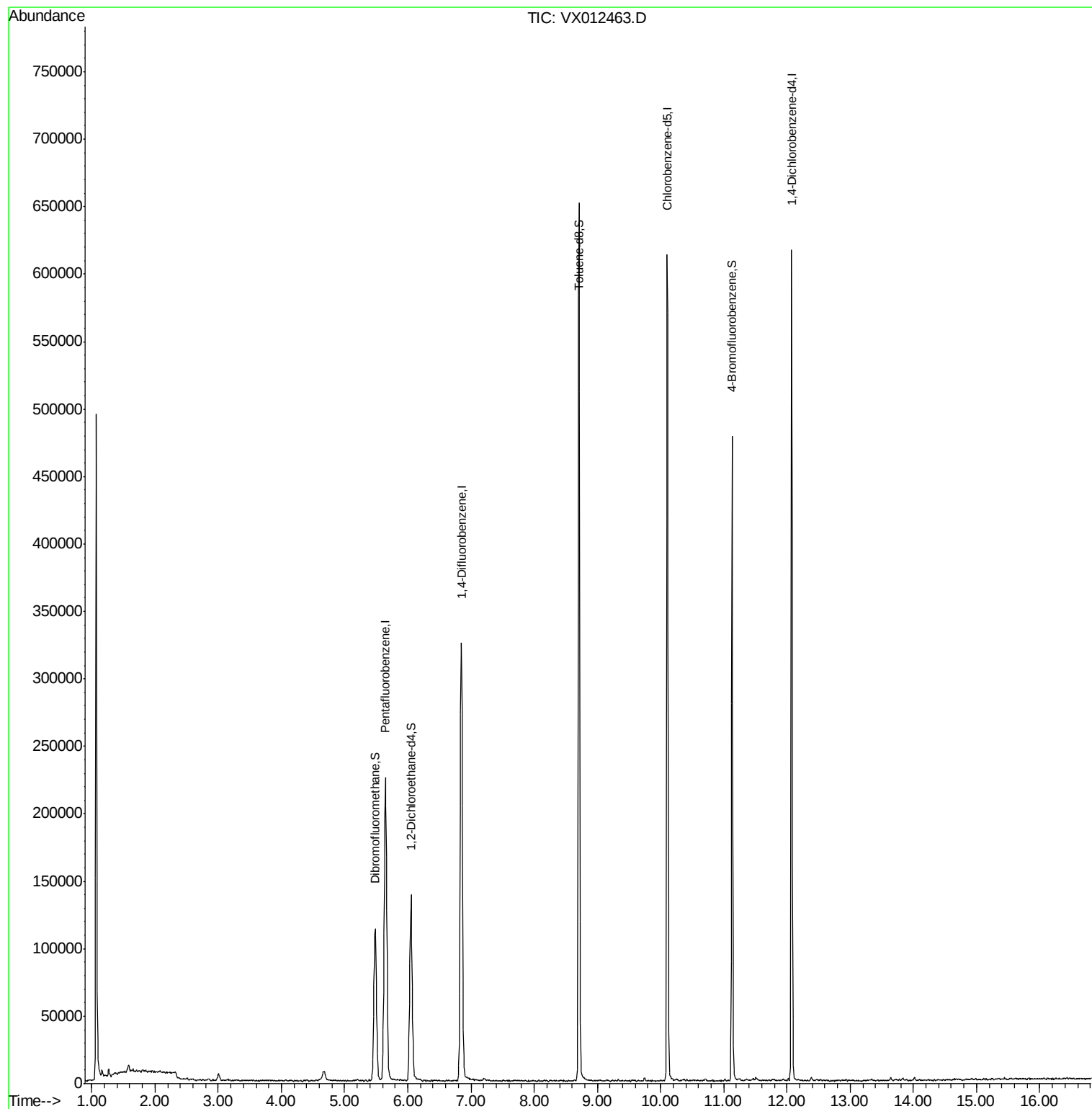
Target Compounds	Qvalue

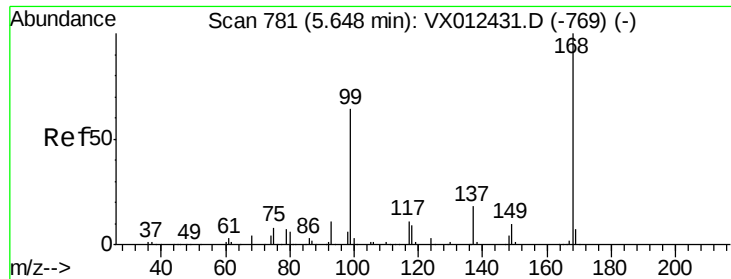
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 17 15:27:10 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012463.D

Acq: 18 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

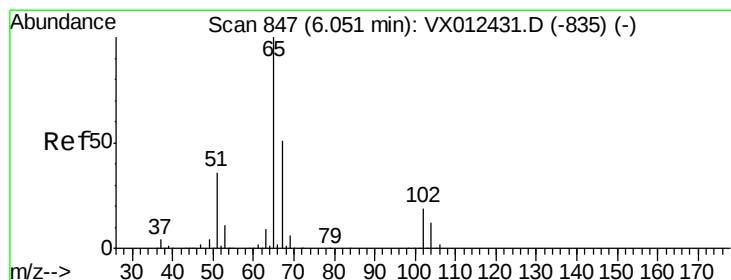
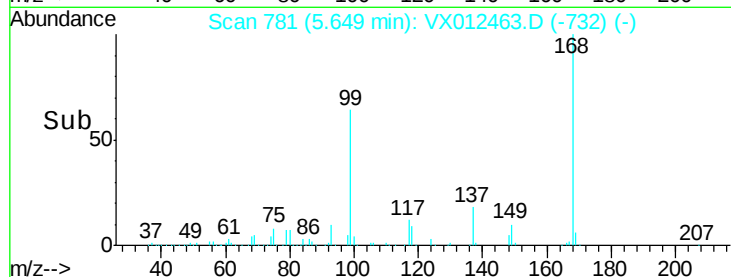
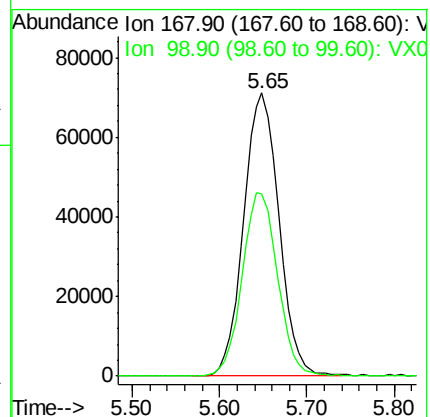
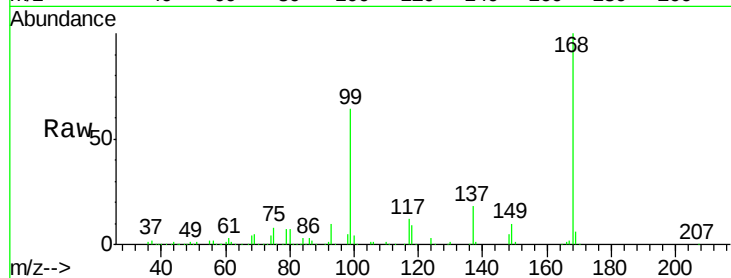
VX0918WBL01

Tot Ion:168 Resp: 200290

Ion Ratio Lower Upper

168 100

99 64.3 51.4 77.2



#33

1,2-Dichloroethane-d4

Concen: 47.026 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012463.D

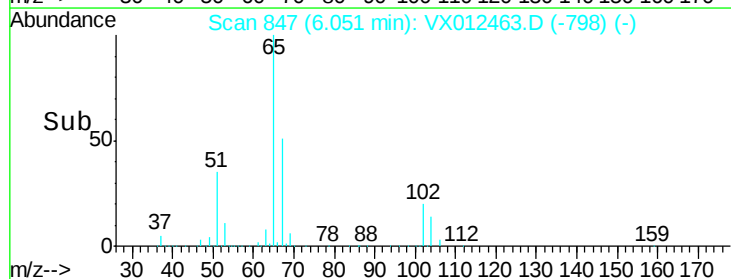
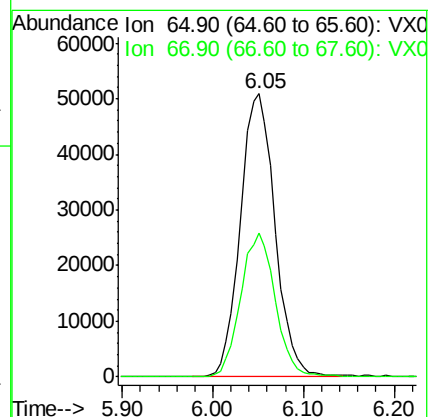
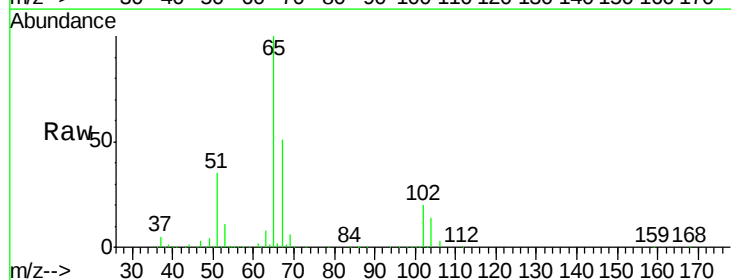
Acq: 18 Sep 2019 11:08

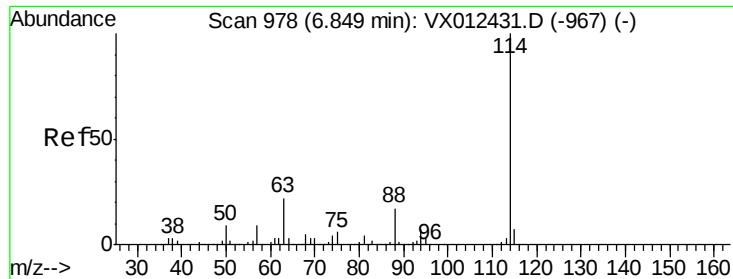
Tgt Ion: 65 Resp: 134991

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012463.D

Acq: 18 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBL01

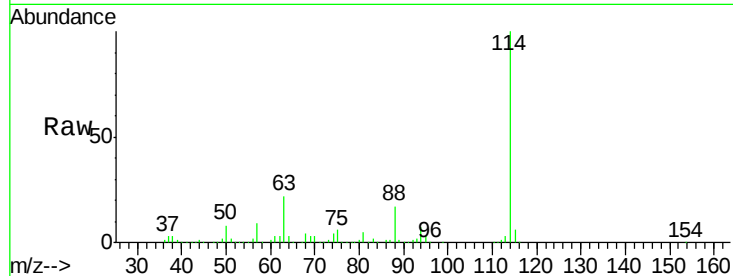
Tot Ion:114 Resp: 320187

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

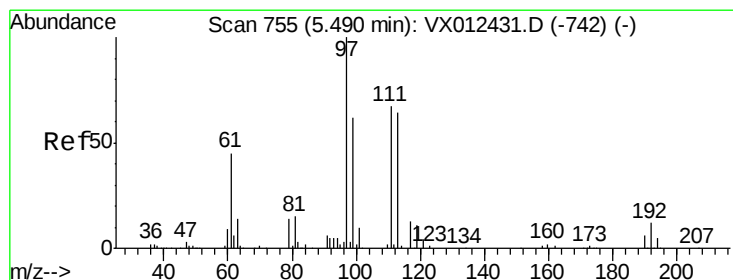
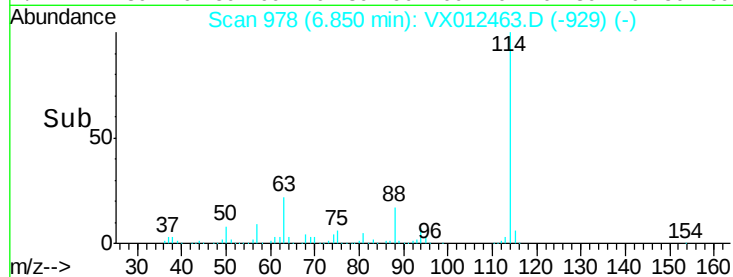
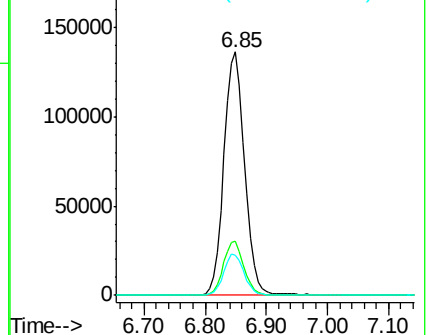
88 16.7 0.0 33.2



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: 49.509 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012463.D

Acq: 18 Sep 2019 11:08

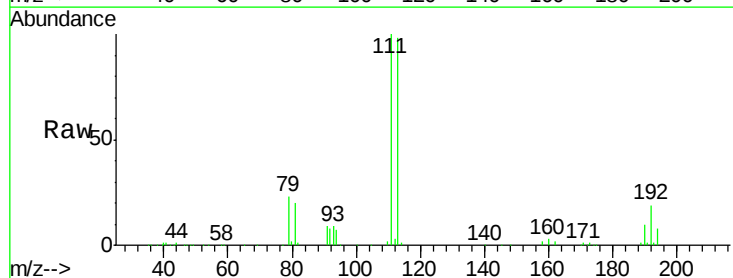
Tgt Ion:113 Resp: 95947

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

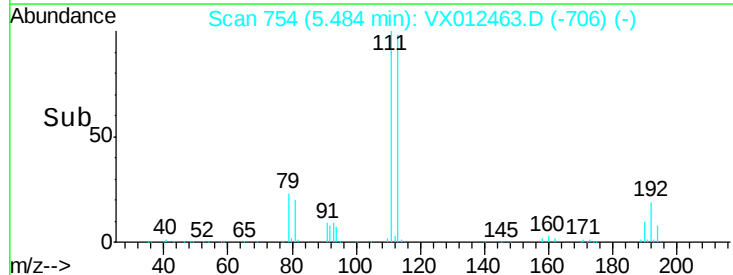
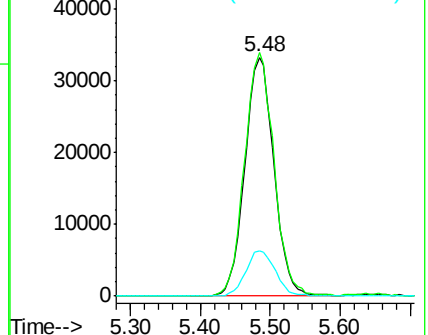
192 19.2 14.4 21.6

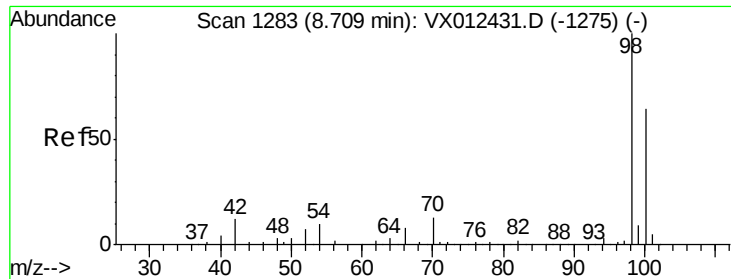


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.349 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012463.D

Acq: 18 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

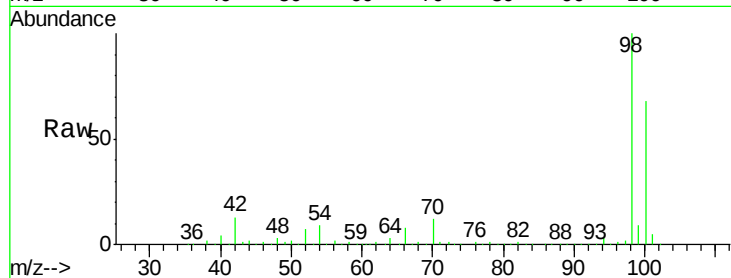
VX0918WBL01

Tot Ion: 98 Resp: 368341

Ion Ratio Lower Upper

98 100

100 67.7 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

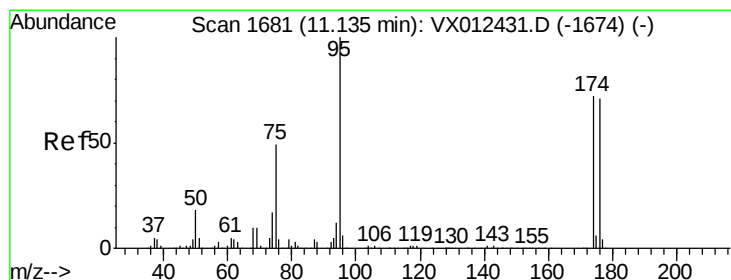
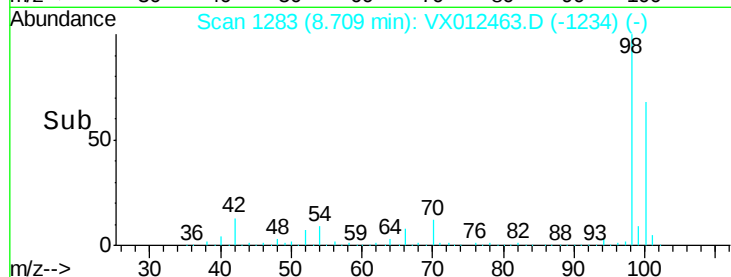
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 45.552 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012463.D

Acq: 18 Sep 2019 11:08

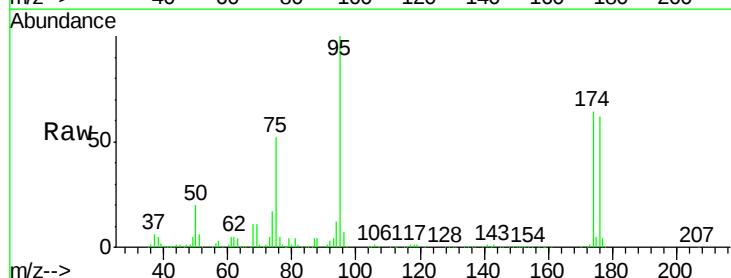
Tgt Ion: 95 Resp: 135671

Ion Ratio Lower Upper

95 100

174 71.0 0.0 140.0

176 69.5 0.0 135.4



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

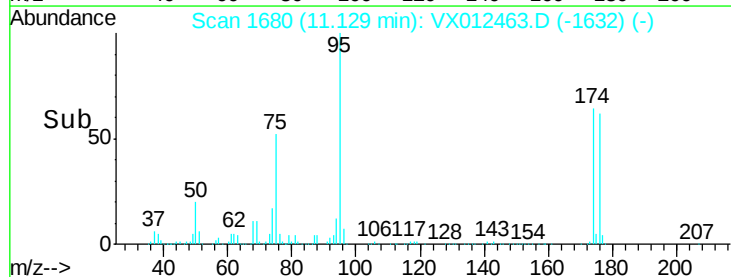
100000

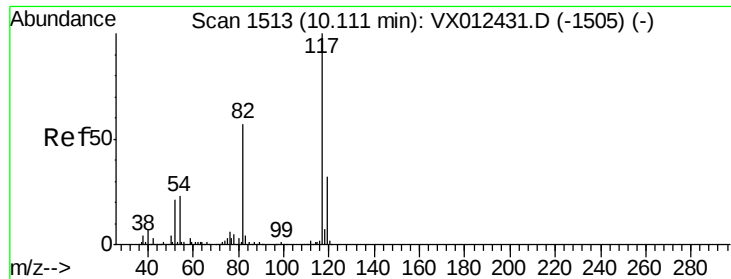
50000

0

11.10 11.20

Time-->

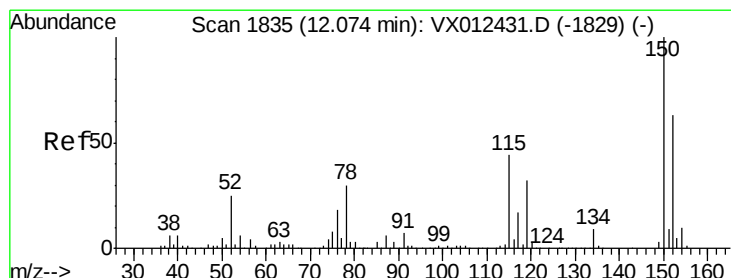
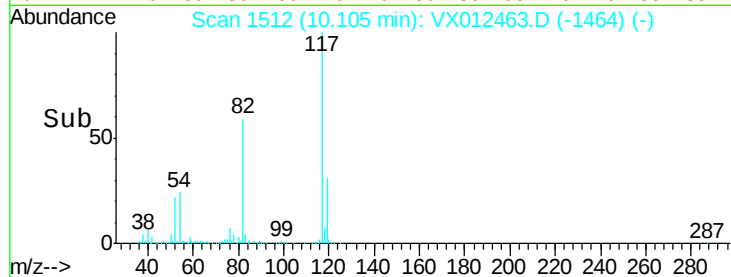
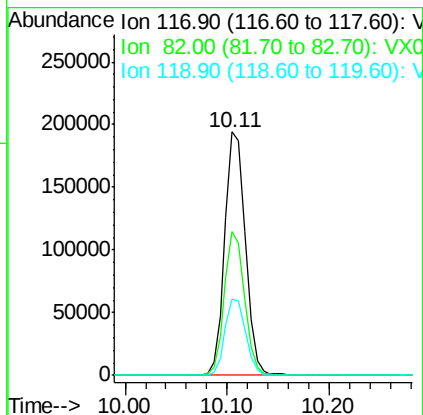
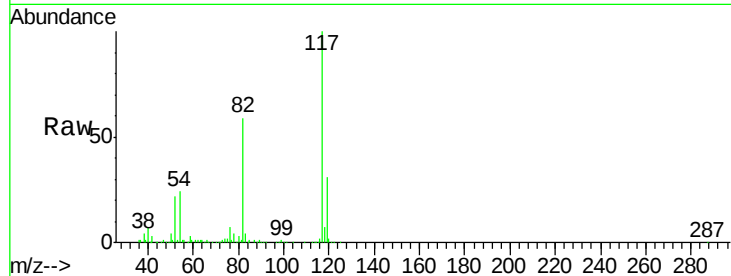




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012463.D
Acq: 18 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBL01

Tot Ion:117 Resp: 273240
Ion Ratio Lower Upper
117 100
82 58.9 45.9 68.9
119 31.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012463.D
Acq: 18 Sep 2019 11:08

Tgt Ion:152 Resp: 117557
Ion Ratio Lower Upper
152 100
115 63.0 44.1 132.3
150 154.9 0.0 343.8

