

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012519.D
 Acq On : 19 Sep 2019 11:31
 Operator : JC/SP
 Sample : VX0919WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBL01

Quant Time: Sep 20 04:55:04 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	191094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	305544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100685	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	127073	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	5.48	113	90653	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	8.71	98	346927	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.13	95	120923	42.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.10%	

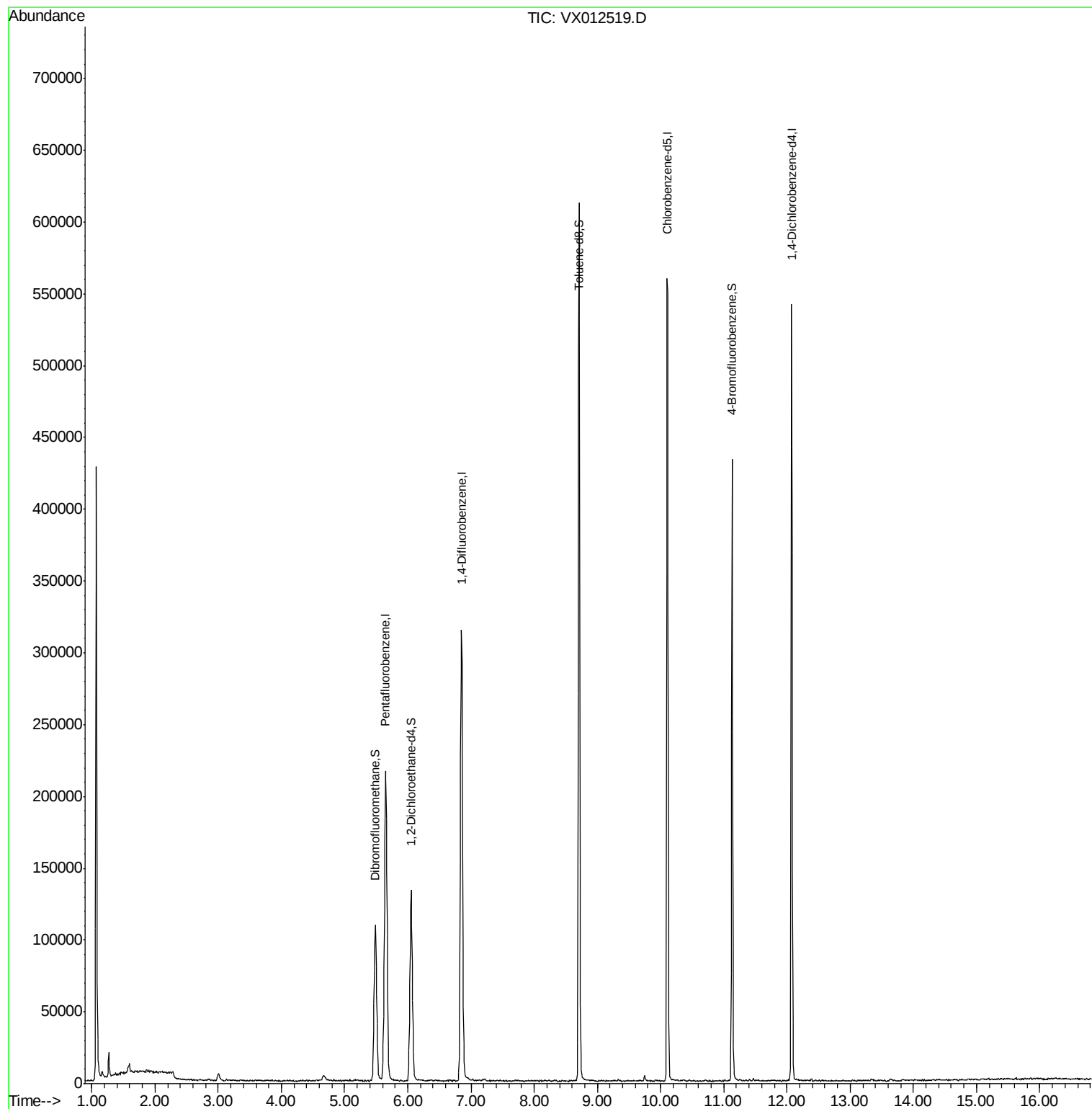
Target Compounds	Qvalue
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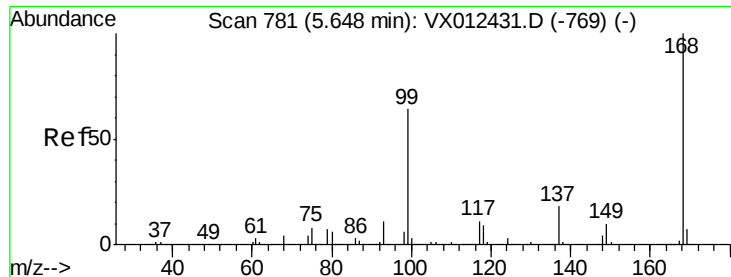
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012519.D

Acq: 19 Sep 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

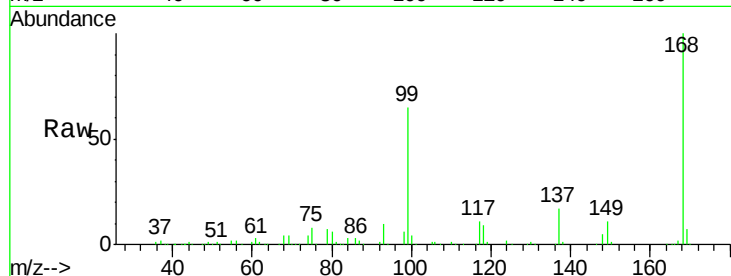
VX0919WBL01

Tot Ion:168 Resp: 191094

Ion Ratio Lower Upper

168 100

99 65.4 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

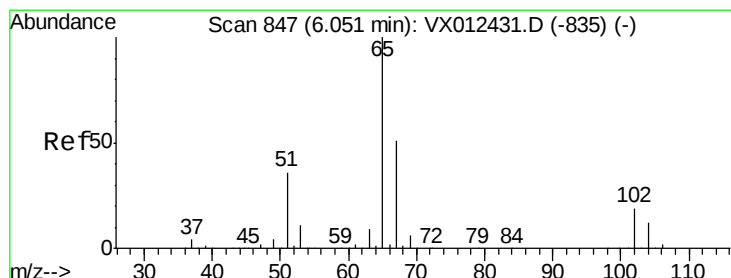
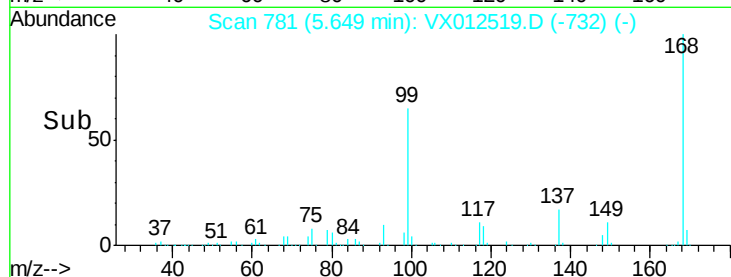
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.398 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012519.D

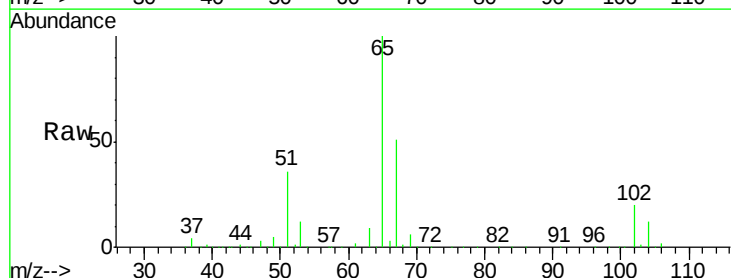
Acq: 19 Sep 2019 11:31

Tgt Ion: 65 Resp: 127073

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

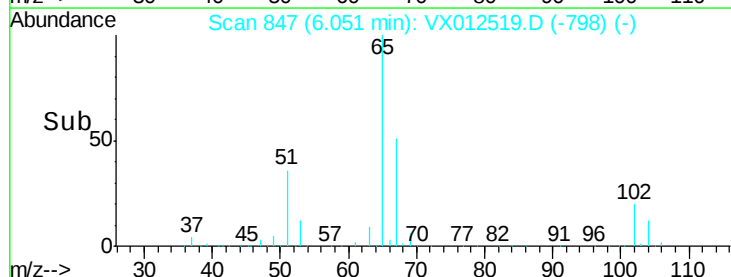
30000

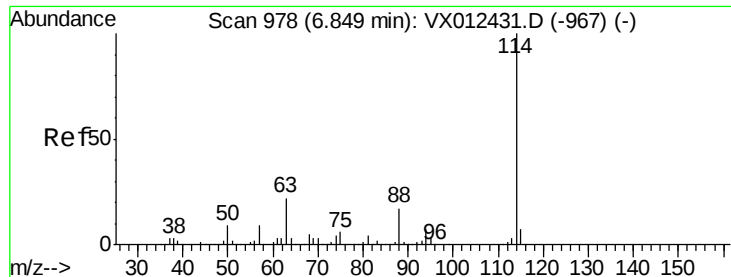
20000

10000

0

Time--> 5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012519.D

Acq: 19 Sep 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBL01

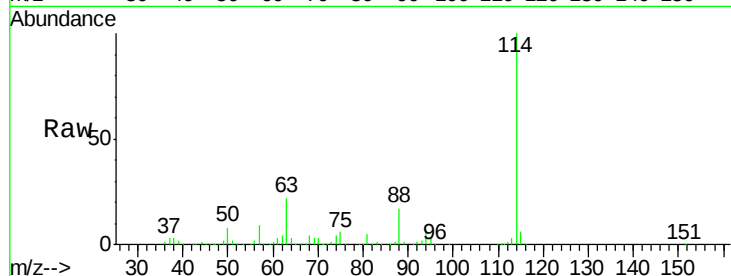
Tot Ion:114 Resp: 305544

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

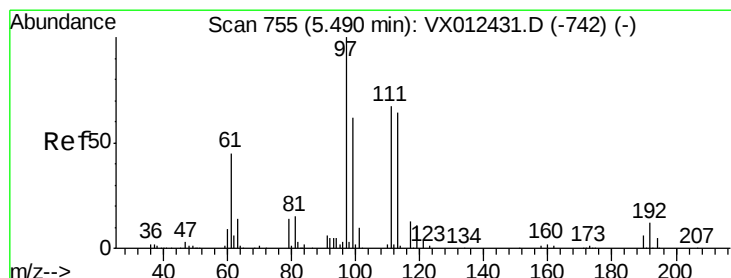
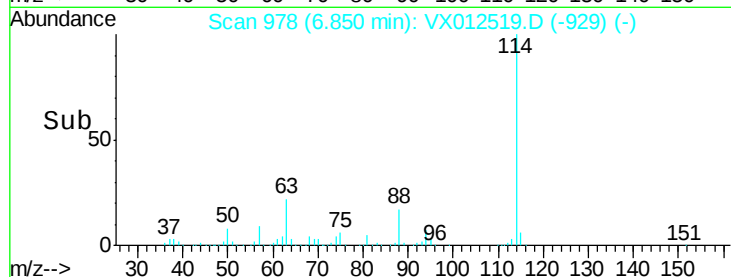
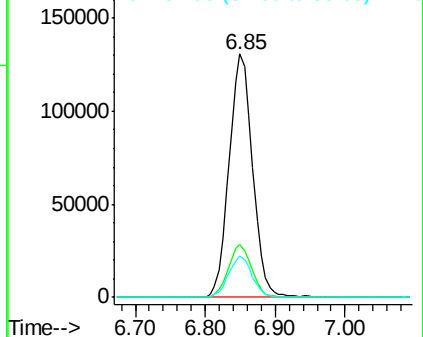
88 16.9 0.0 33.2



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: 49.019 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012519.D

Acq: 19 Sep 2019 11:31

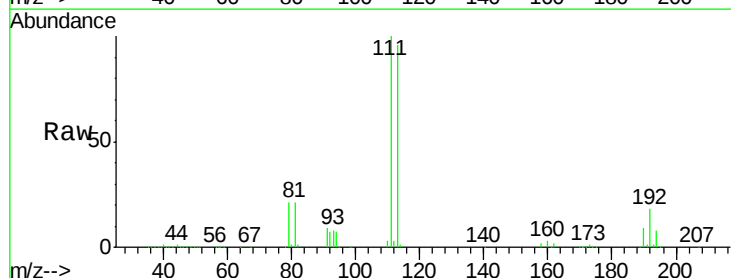
Tgt Ion:113 Resp: 90653

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

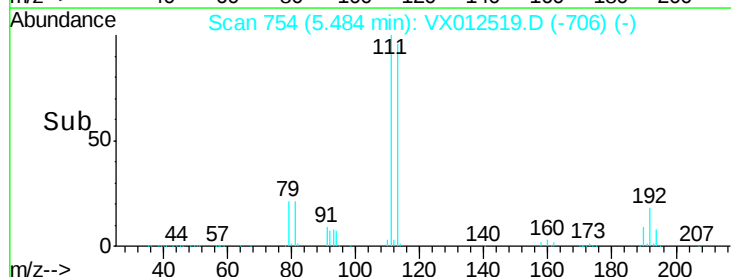
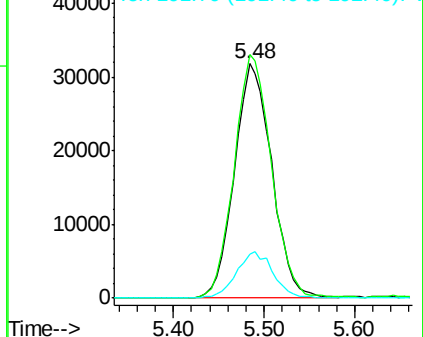
192 19.4 14.4 21.6

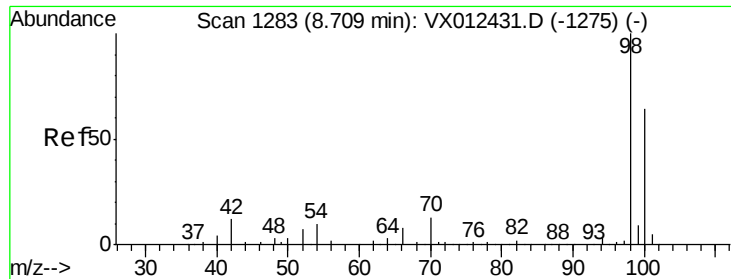


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.682 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012519.D

Acq: 19 Sep 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

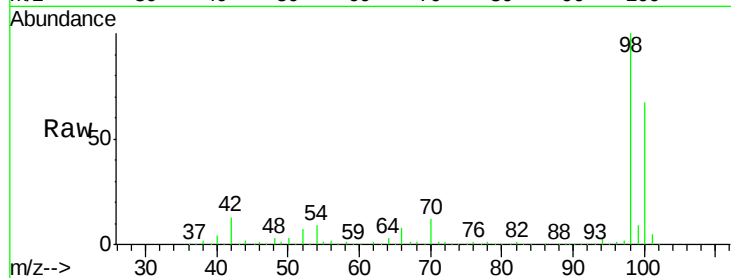
VX0919WBL01

Tot Ion: 98 Resp: 346927

Ion Ratio Lower Upper

98 100

100 67.4 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

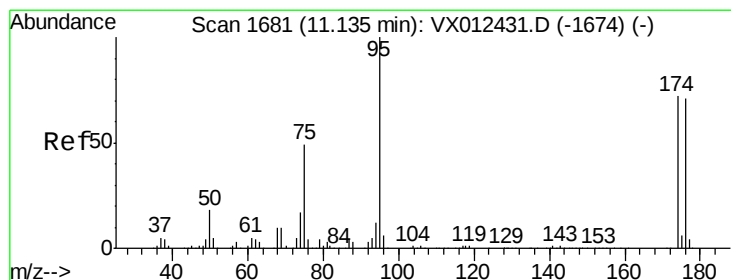
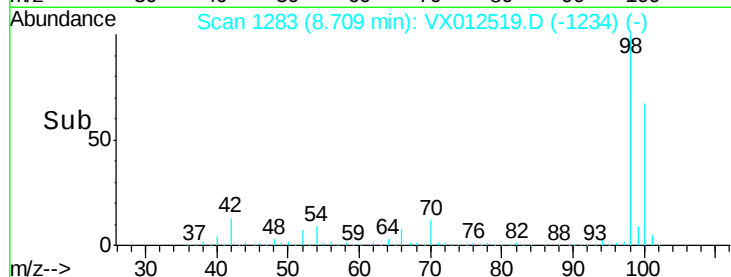
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 42.546 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012519.D

Acq: 19 Sep 2019 11:31

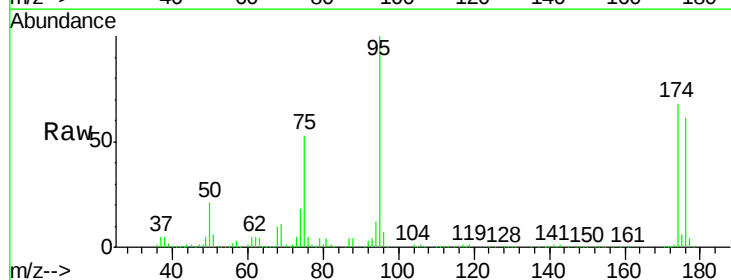
Tgt Ion: 95 Resp: 120923

Ion Ratio Lower Upper

95 100

174 73.7 0.0 140.0

176 70.0 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

120000

100000

80000

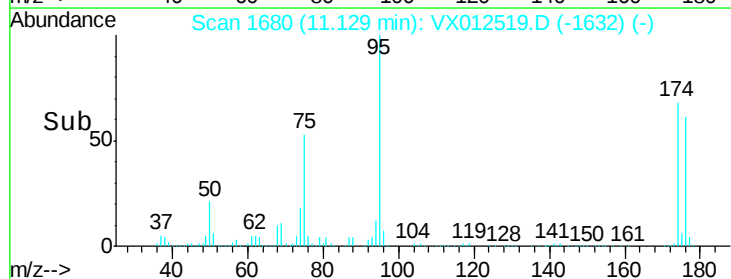
60000

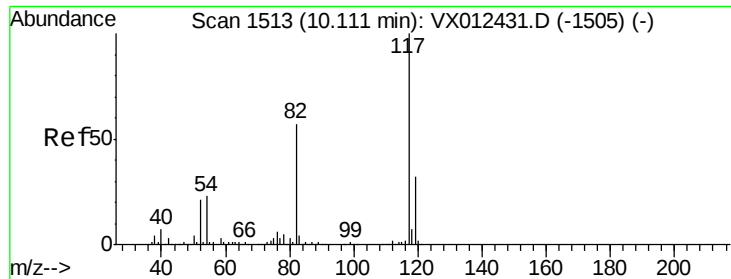
40000

20000

0

Time--> 11.05 11.10 11.15 11.20

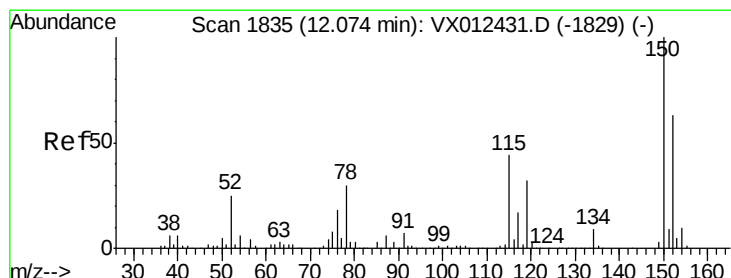
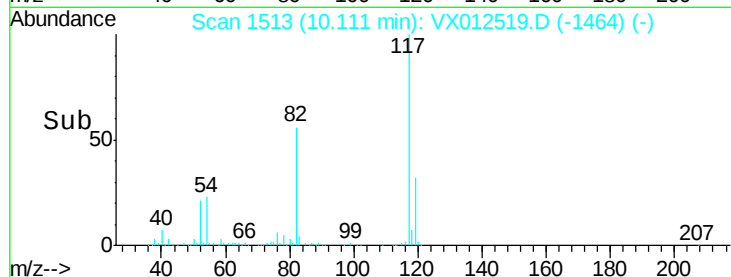
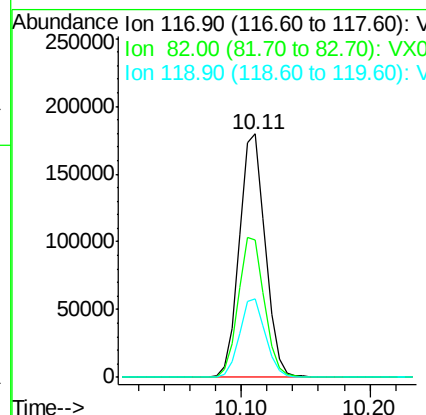
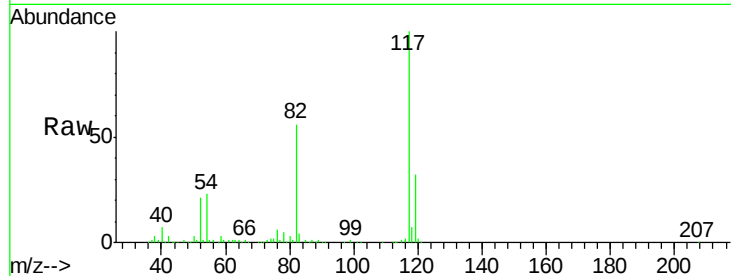




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012519.D
Acq: 19 Sep 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.9	68.9
119	32.5	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: VX012519.D
Acq: 19 Sep 2019 11:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	44.1	132.3
150	158.3	0.0	343.8

