

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012119.D
 Acq On : 06 Sep 2019 01:02
 Operator : SY/SP
 Sample : VX0905SBL02
 Misc : 5.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBL02

Quant Time: Sep 06 07:16:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	142138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	252228	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	220722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98301	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	84781	43.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.46%	
35) Dibromofluoromethane	5.48	113	72449	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
50) Toluene-d8	8.71	98	296537	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	11.14	95	117409	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	

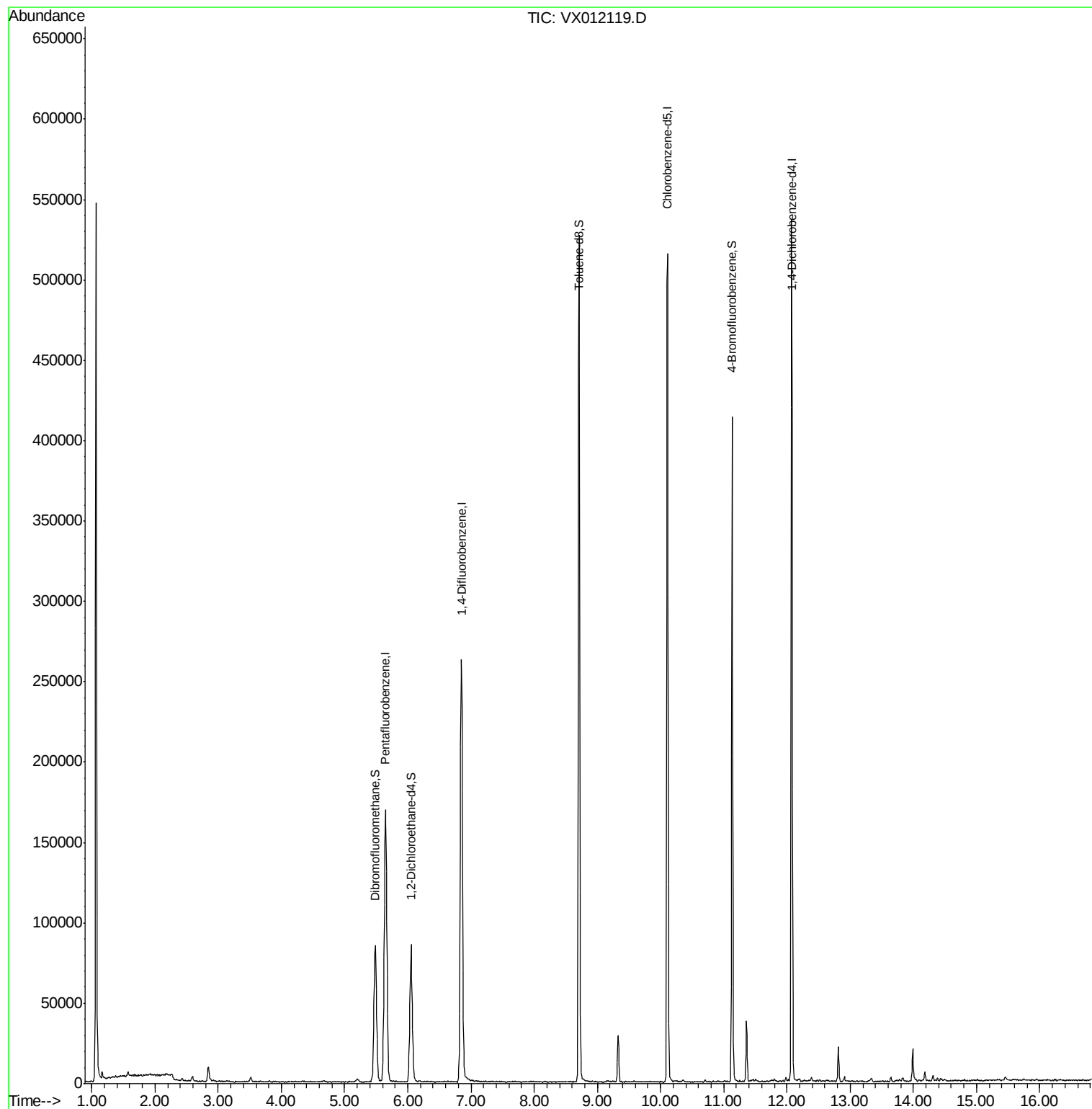
Target Compounds	Qvalue

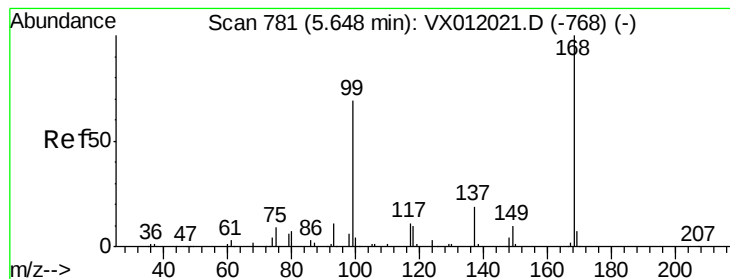
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 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: VX012119.D

Acq: 06 Sep 2019 01:02

Instrument :

MSVOA_X

ClientSampleId :

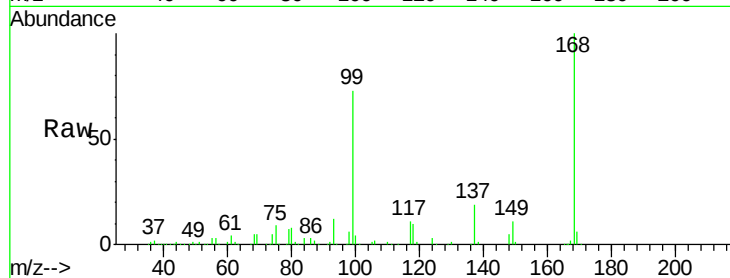
VX0905SBL02

Tot Ion:168 Resp: 142138

Ion Ratio Lower Upper

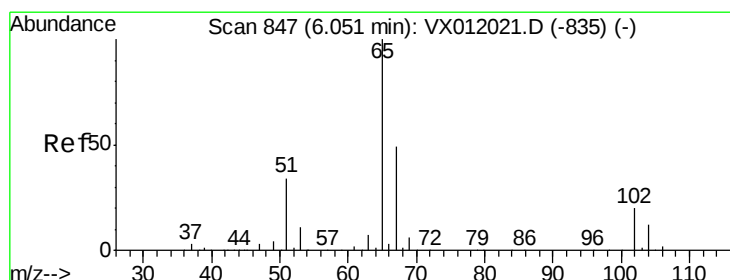
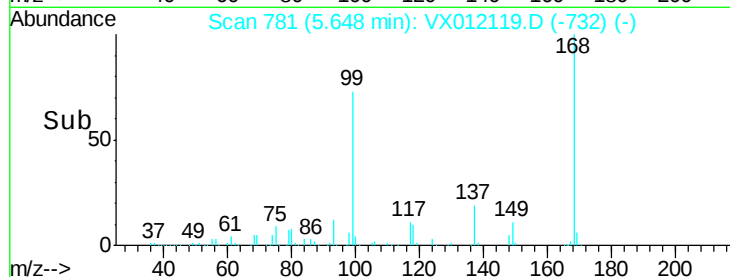
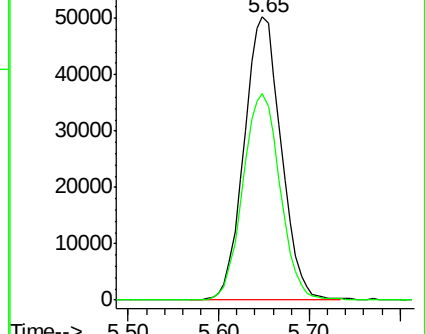
168 100

99 72.8 37.6 56.4#



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: 43.229 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012119.D

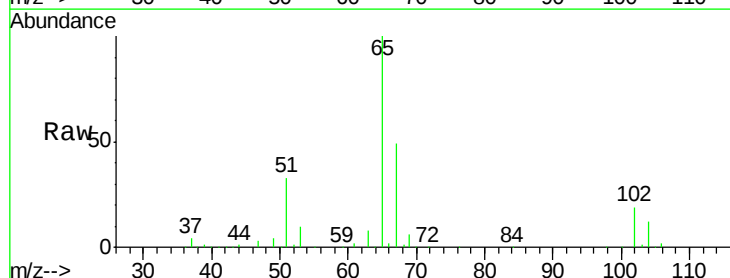
Acq: 06 Sep 2019 01:02

Tgt Ion: 65 Resp: 84781

Ion Ratio Lower Upper

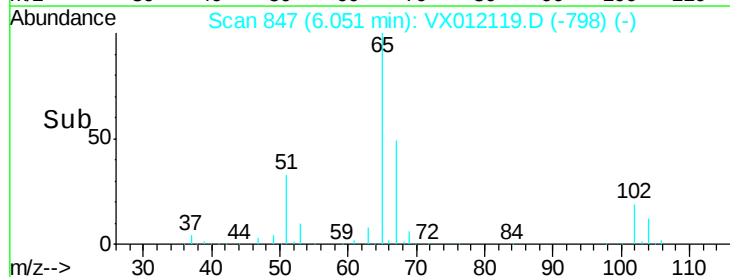
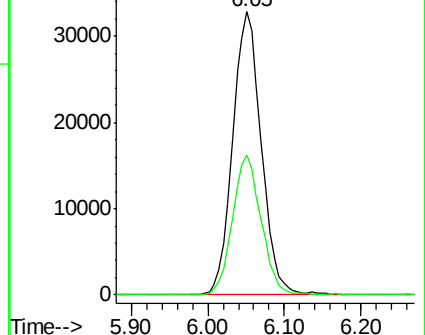
65 100

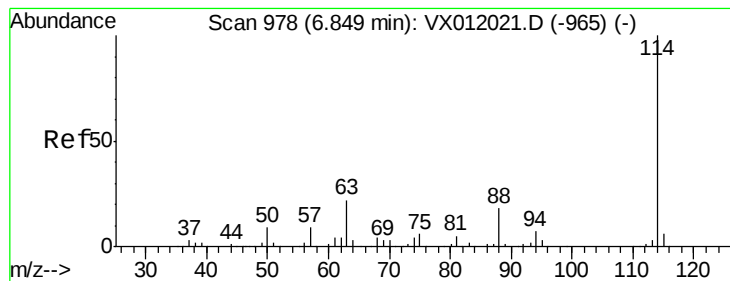
67 49.5 0.0 102.0



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012119.D

Acq: 06 Sep 2019 01:02

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBL02

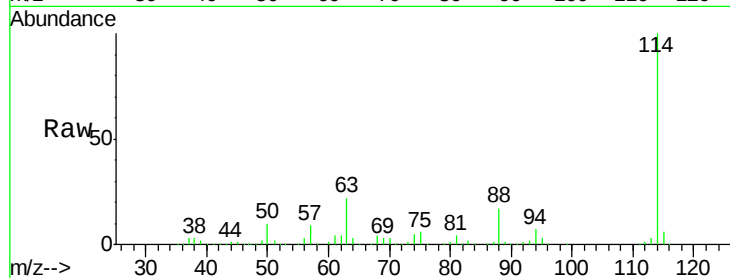
Tot Ion:114 Resp: 252228

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

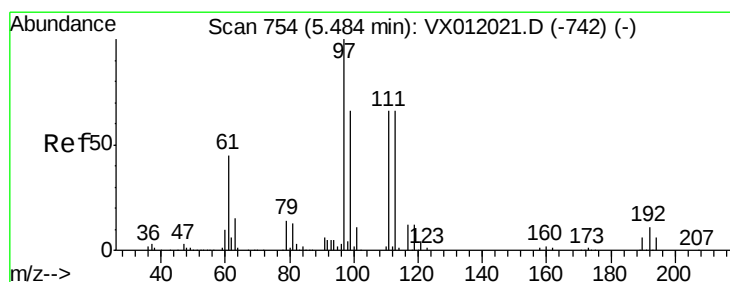
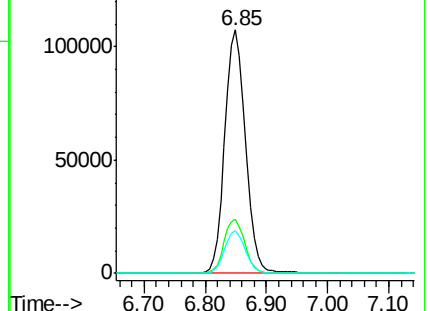
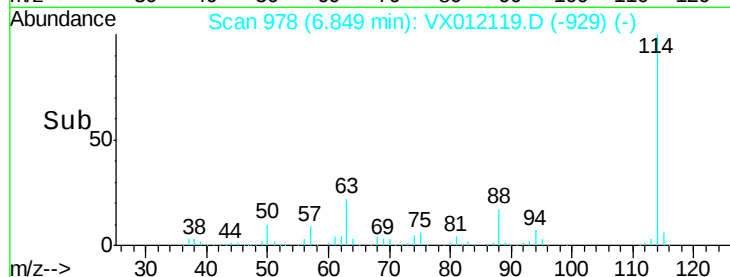
88 17.4 0.0 29.6



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: 46.707 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012119.D

Acq: 06 Sep 2019 01:02

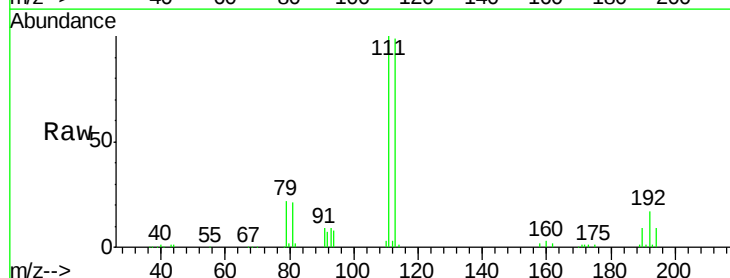
Tgt Ion:113 Resp: 72449

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

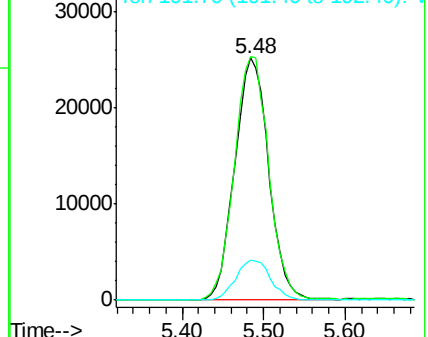
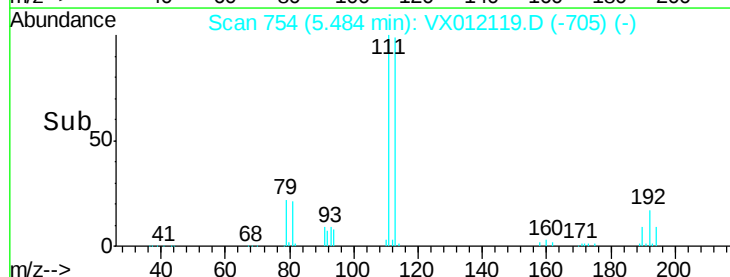
192 16.8 22.5 33.7#

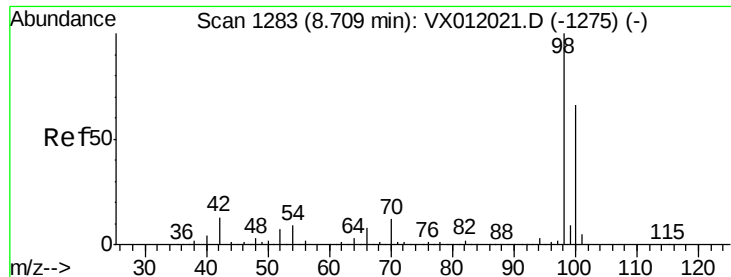


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.098 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012119.D

Acq: 06 Sep 2019 01:02

Instrument :

MSVOA_X

ClientSampleId :

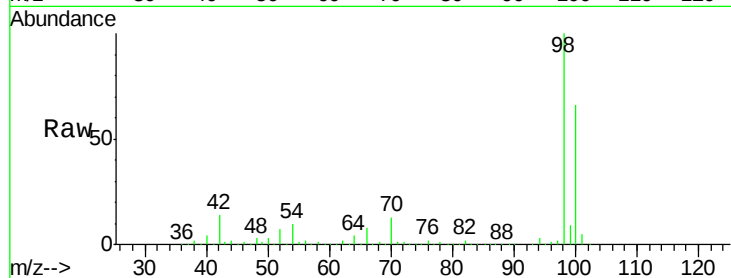
VX0905SBL02

Tot Ion: 98 Resp: 296537

Ion Ratio Lower Upper

98 100

100 66.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

200000

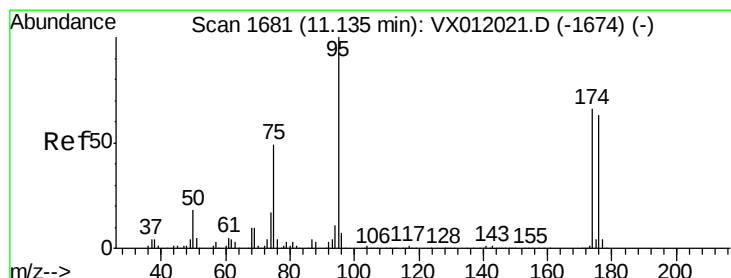
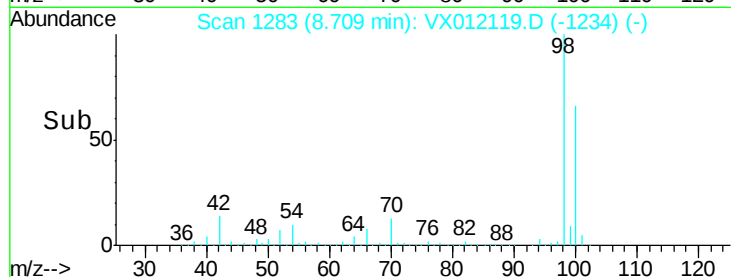
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 44.354 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012119.D

Acq: 06 Sep 2019 01:02

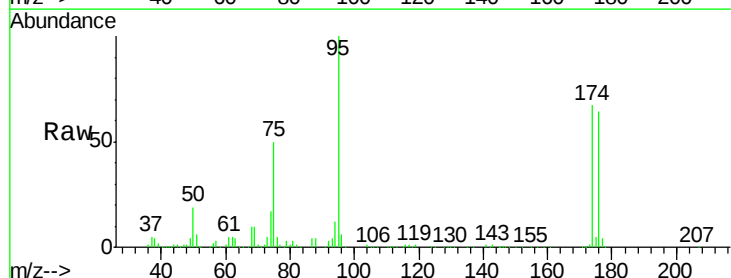
Tgt Ion: 95 Resp: 117409

Ion Ratio Lower Upper

95 100

174 63.0 0.0 205.4

176 61.2 0.0 201.8



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

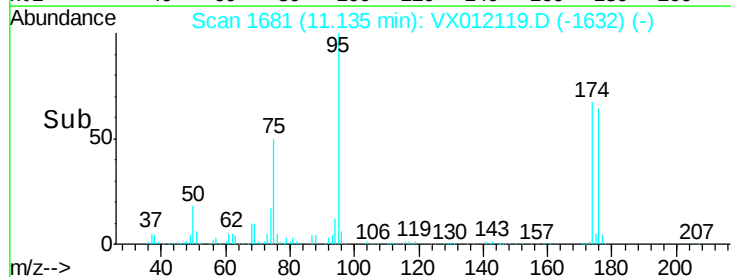
60000

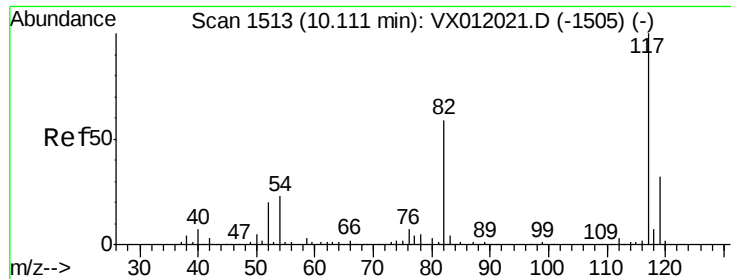
40000

20000

0

Time--> 11.05 11.10 11.15 11.20

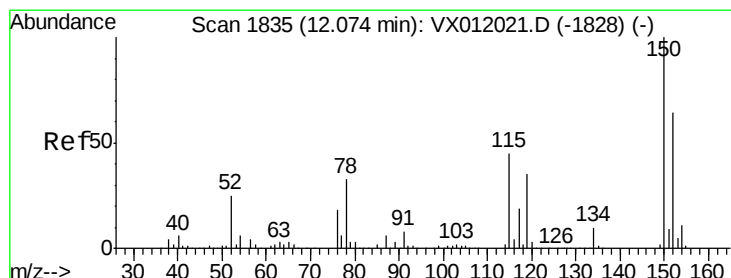
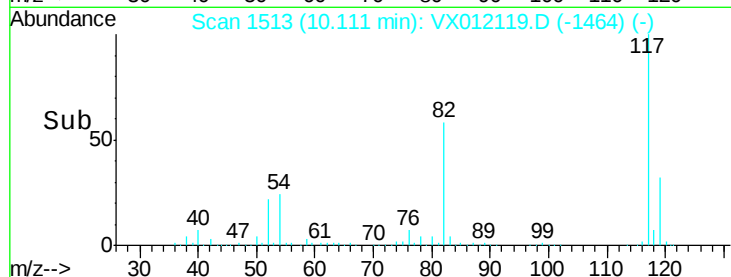
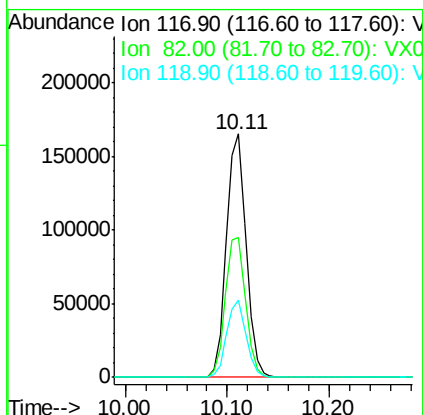
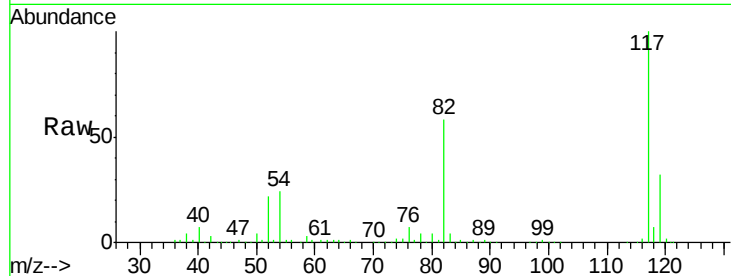




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012119.D
Acq: 06 Sep 2019 01:02

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBL02

Tot Ion:117 Resp: 220722
Ion Ratio Lower Upper
117 100
82 57.6 39.4 59.0
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012119.D
Acq: 06 Sep 2019 01:02

Tgt Ion:152 Resp: 98301
Ion Ratio Lower Upper
152 100
115 67.0 36.4 109.3
150 160.0 0.0 341.2

