

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012179.D
 Acq On : 07 Sep 2019 16:35
 Operator : SY/SP
 Sample : K4602-07
 Misc : 1.75g/5.0mL/MSVOA X/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-G4-(2.7)

Quant Time: Sep 08 08:20:02 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

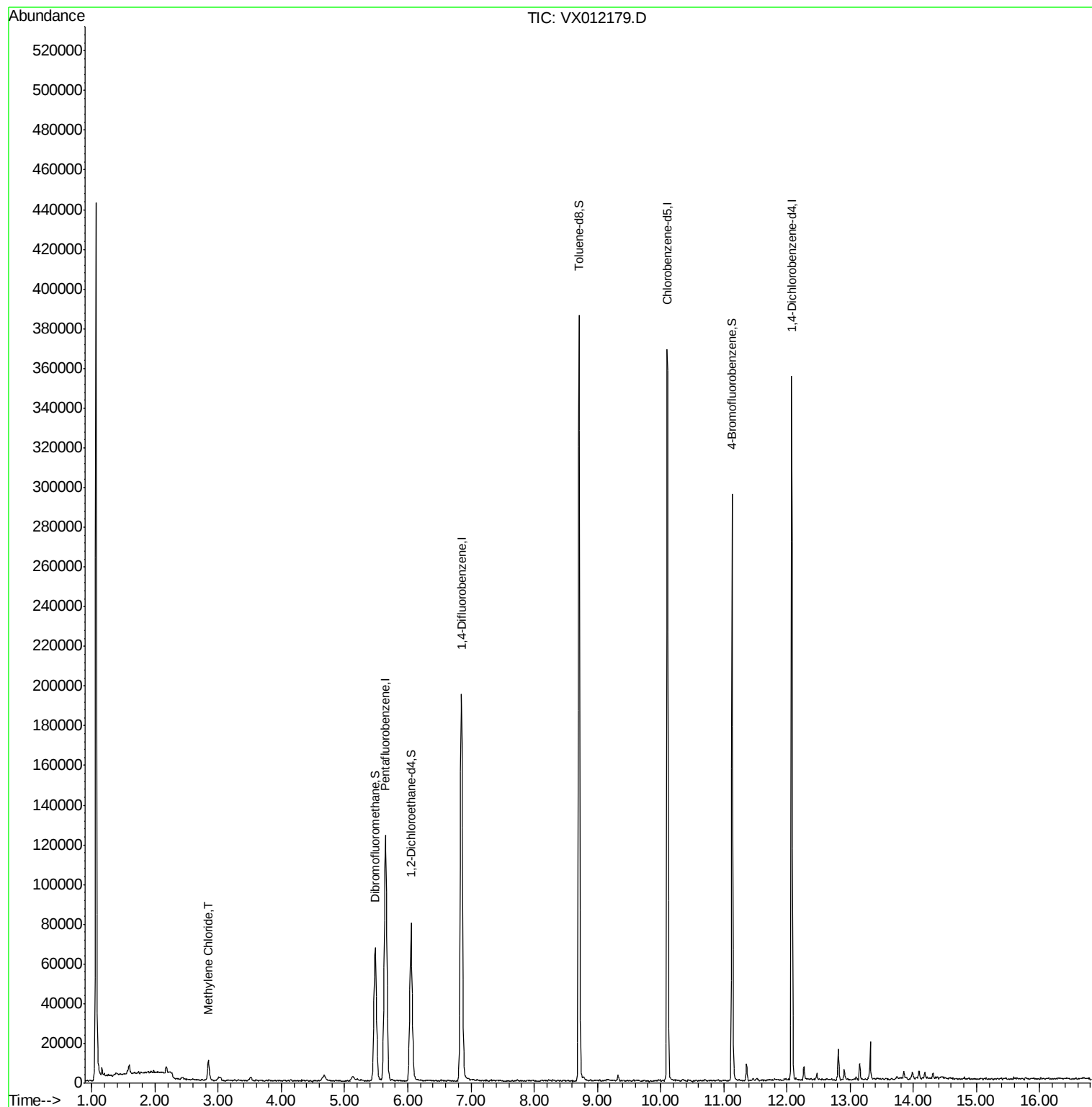
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	104813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	185182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	160950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	65313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	79821	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
35) Dibromofluoromethane	5.48	113	56258	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	8.71	98	216769	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	11.14	95	86098	44.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.60%	
Target Compounds						
20) Methylene Chloride	2.84	84	4839	3.486	ug/l	Qvalue 93

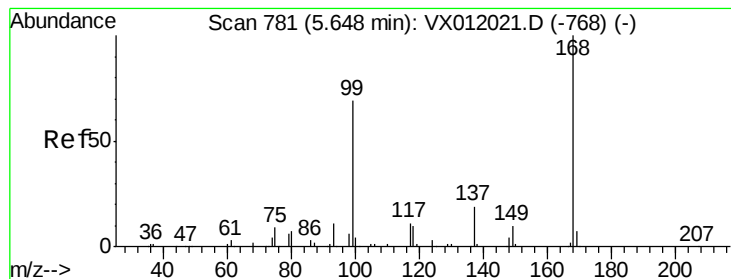
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090719\
Data File : VX012179.D
Acq On : 07 Sep 2019 16:35
Operator : SY/SP
Sample : K4602-07
Misc : 1.75µ/5.0mL/MSVOA X/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T12-G4-(2.7)

Quant Time: Sep 08 08:20:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
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: VX012179.D

Acq: 07 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

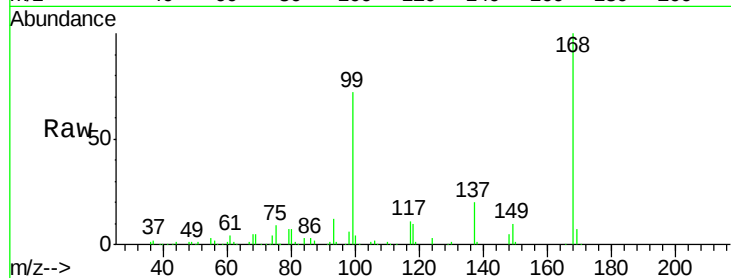
T12-G4-(2.7)

Tot Ion:168 Resp: 104813

Ion Ratio Lower Upper

168 100

99 72.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

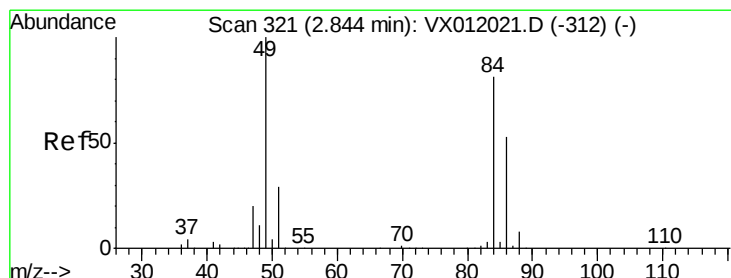
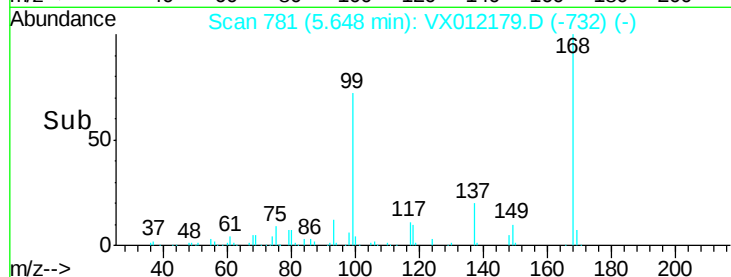
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 3.486 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012179.D

Acq: 07 Sep 2019 16:35

Tgt Ion: 84 Resp: 4839

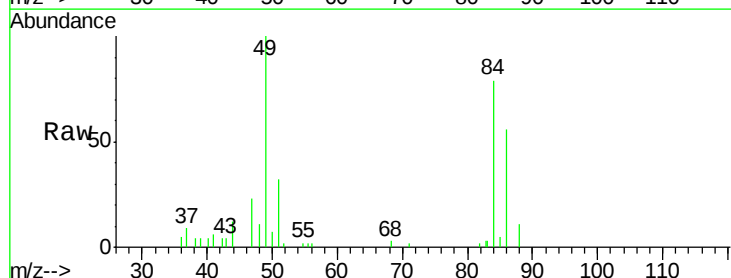
Ion Ratio Lower Upper

84 100

49 126.1 95.8 143.8

51 39.9 28.6 43.0

86 70.7 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

4000

3000

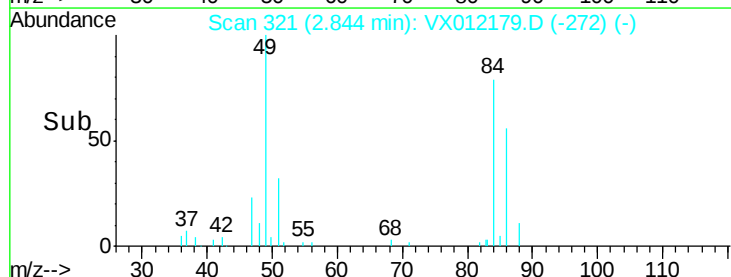
2000

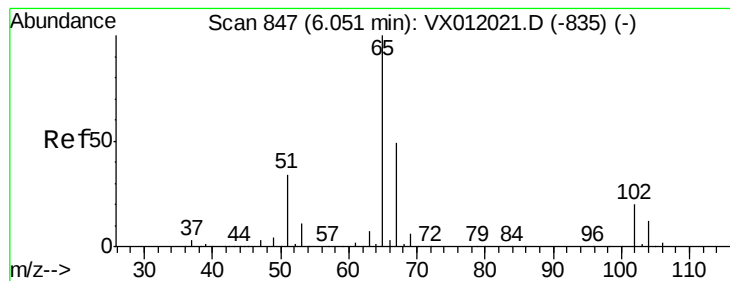
1000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#33

1,2-Dichloroethane-d4

Concen: 55.193 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012179.D

Acq: 07 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

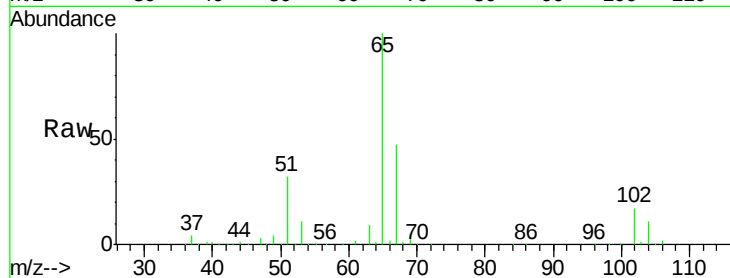
T12-G4-(2.7)

Tot Ion: 65 Resp: 79821

Ion Ratio Lower Upper

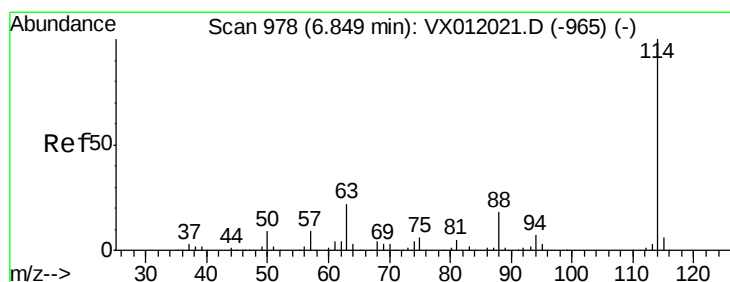
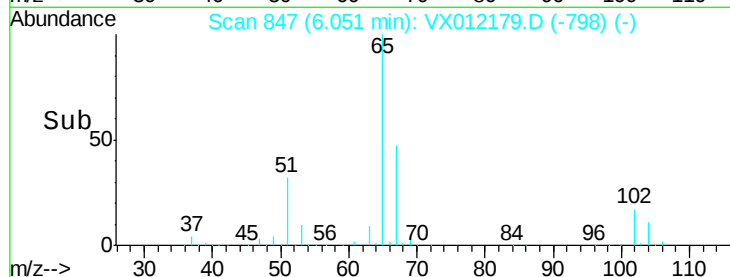
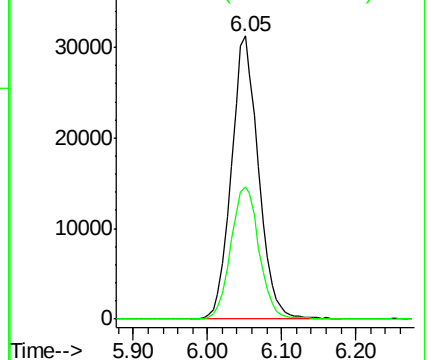
65 100

67 49.0 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: VX012179.D

Acq: 07 Sep 2019 16:35

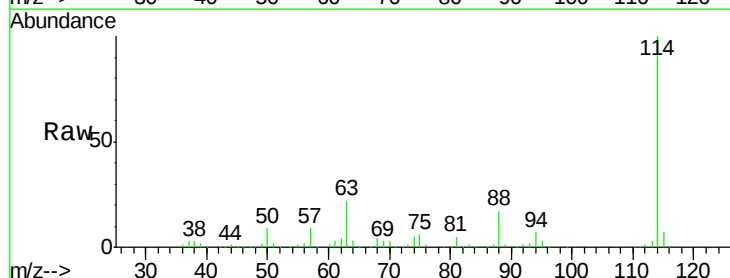
Tgt Ion:114 Resp: 185182

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.4

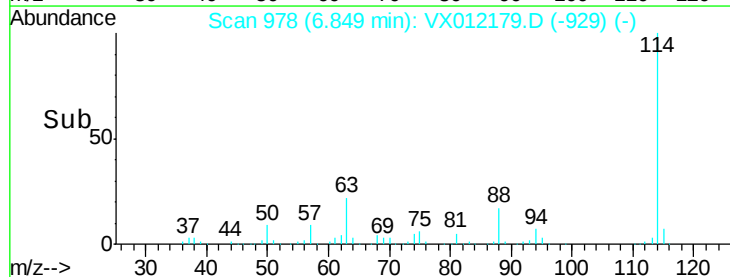
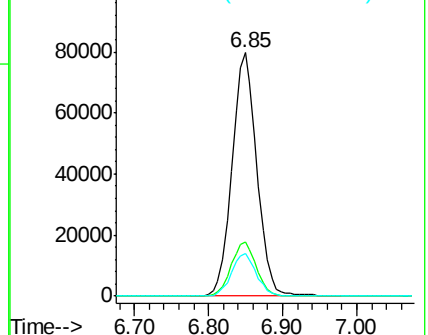
88 17.4 0.0 29.6

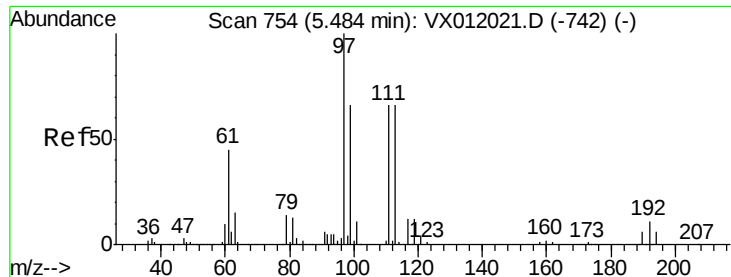


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

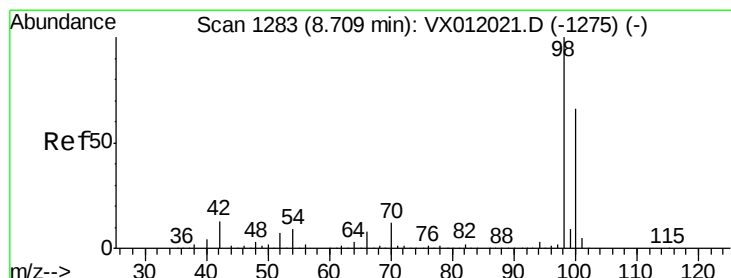
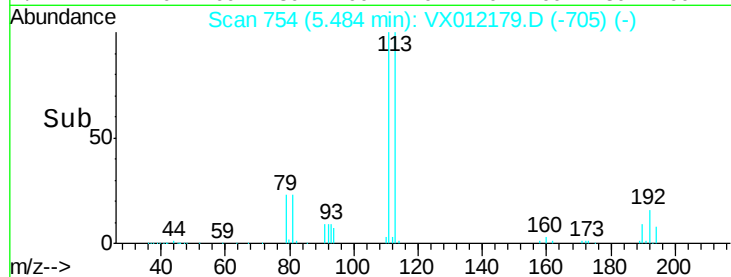
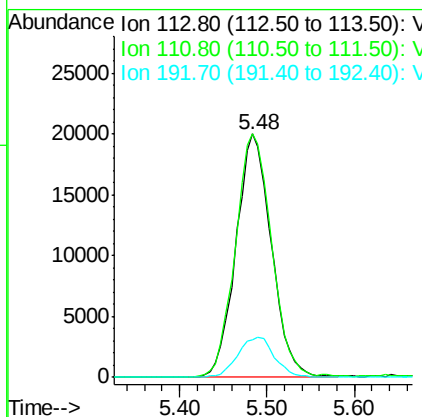
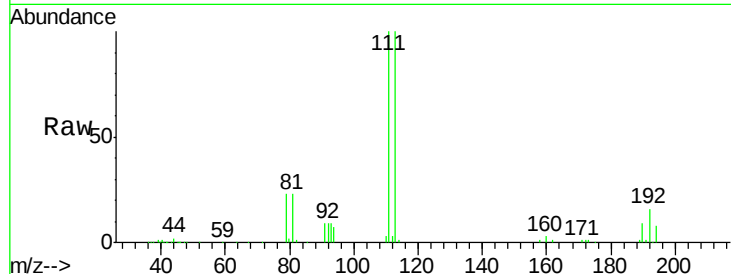




#35
 Dibromofluoromethane
 Concen: 49.400 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012179.D
 Acq: 07 Sep 2019 16:35

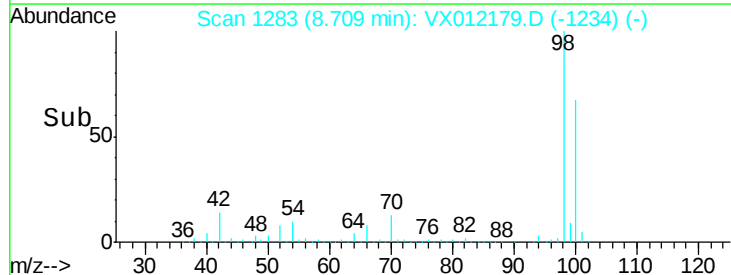
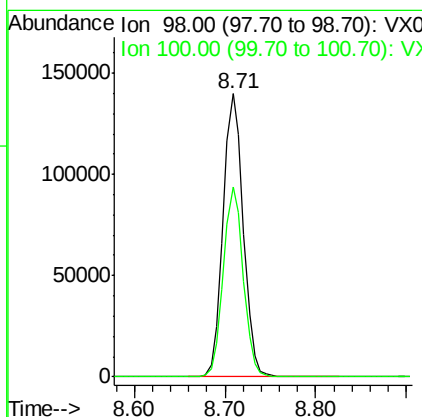
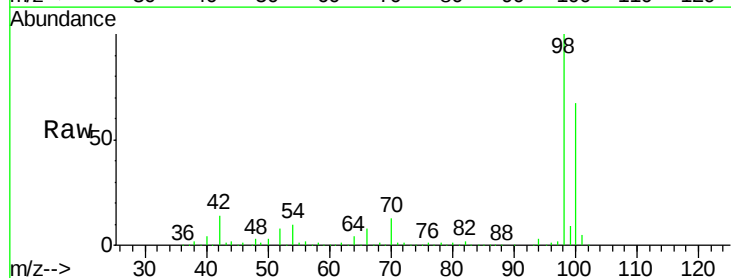
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-G4-(2.7)

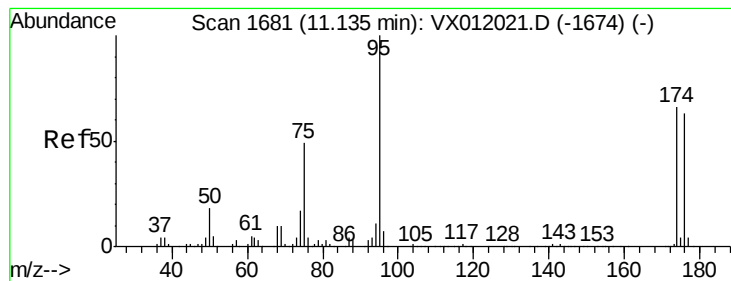
Tot Ion:113 Resp: 56258
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.7 122.5
 192 0.0 22.5 33.7#



#50
 Toluene-d8
 Concen: 51.872 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012179.D
 Acq: 07 Sep 2019 16:35

Tgt Ion: 98 Resp: 216769
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 44.302 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012179.D

Acq: 07 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampled :

T12-G4-(2.7)

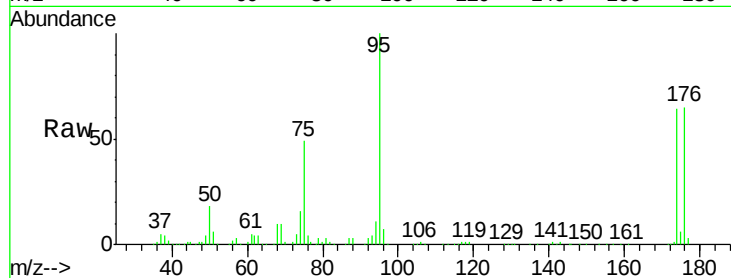
Tot Ion: 95 Resp: 86098

Ion Ratio Lower Upper

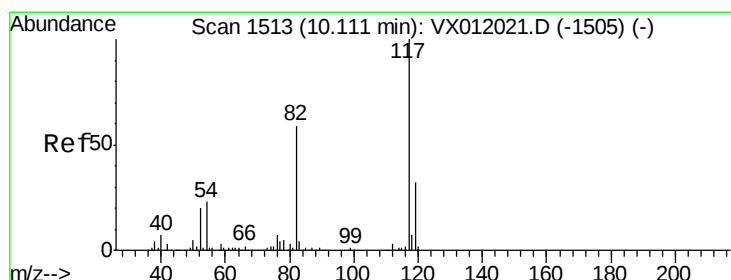
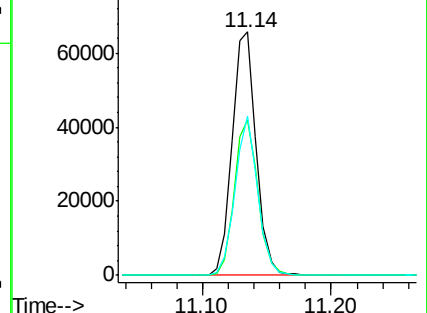
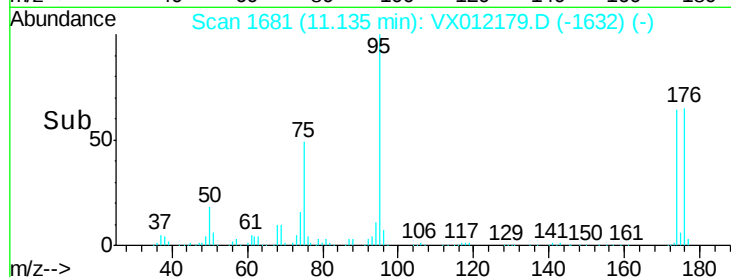
95 100

174 62.9 0.0 205.4

176 61.6 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012179.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012179.D

Acq: 07 Sep 2019 16:35

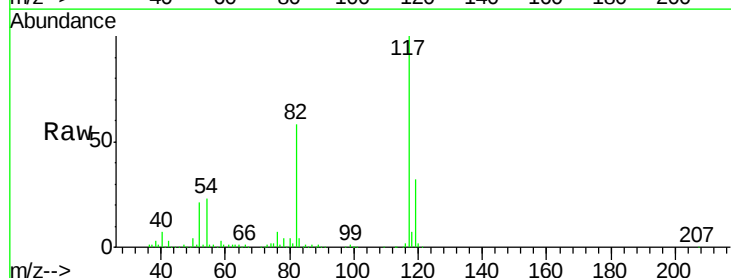
Tgt Ion: 117 Resp: 160950

Ion Ratio Lower Upper

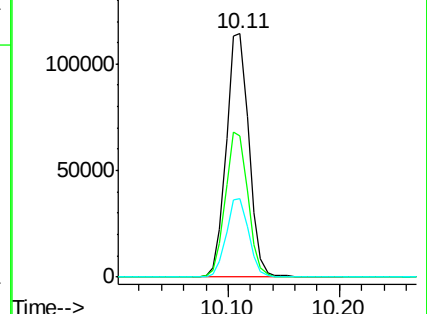
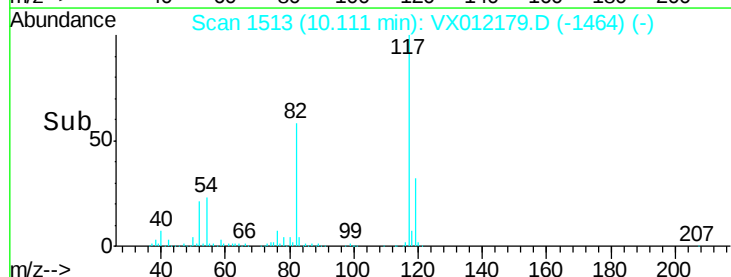
117 100

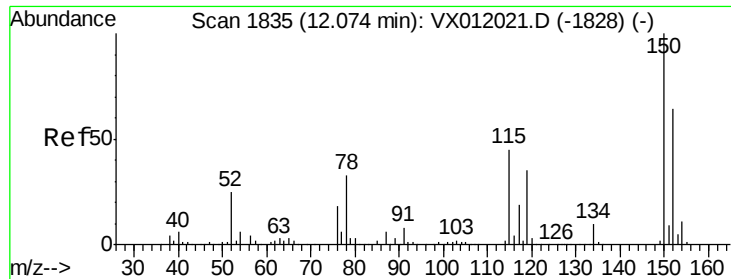
82 58.1 39.4 59.0

119 32.1 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VX012179.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012179.D

Acq: 07 Sep 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

T12-G4-(2.7)

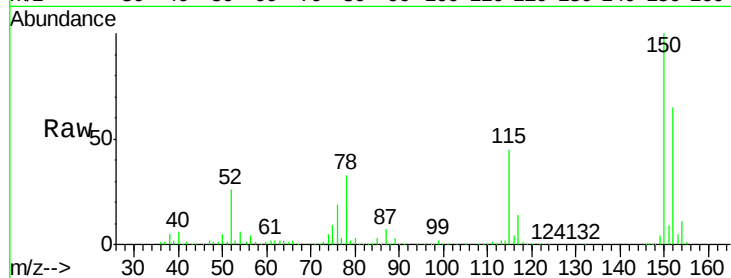
Tot Ion:152 Resp: 65313

Ion Ratio Lower Upper

152 100

115 66.9 36.4 109.3

150 155.8 0.0 341.2



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

