

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012109.D
 Acq On : 05 Sep 2019 19:02
 Operator : SY/SP
 Sample : K4546-13
 Misc : 4.59g/5.0mL/MSVOA X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B1-(0)

Quant Time: Sep 06 06:52:03 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

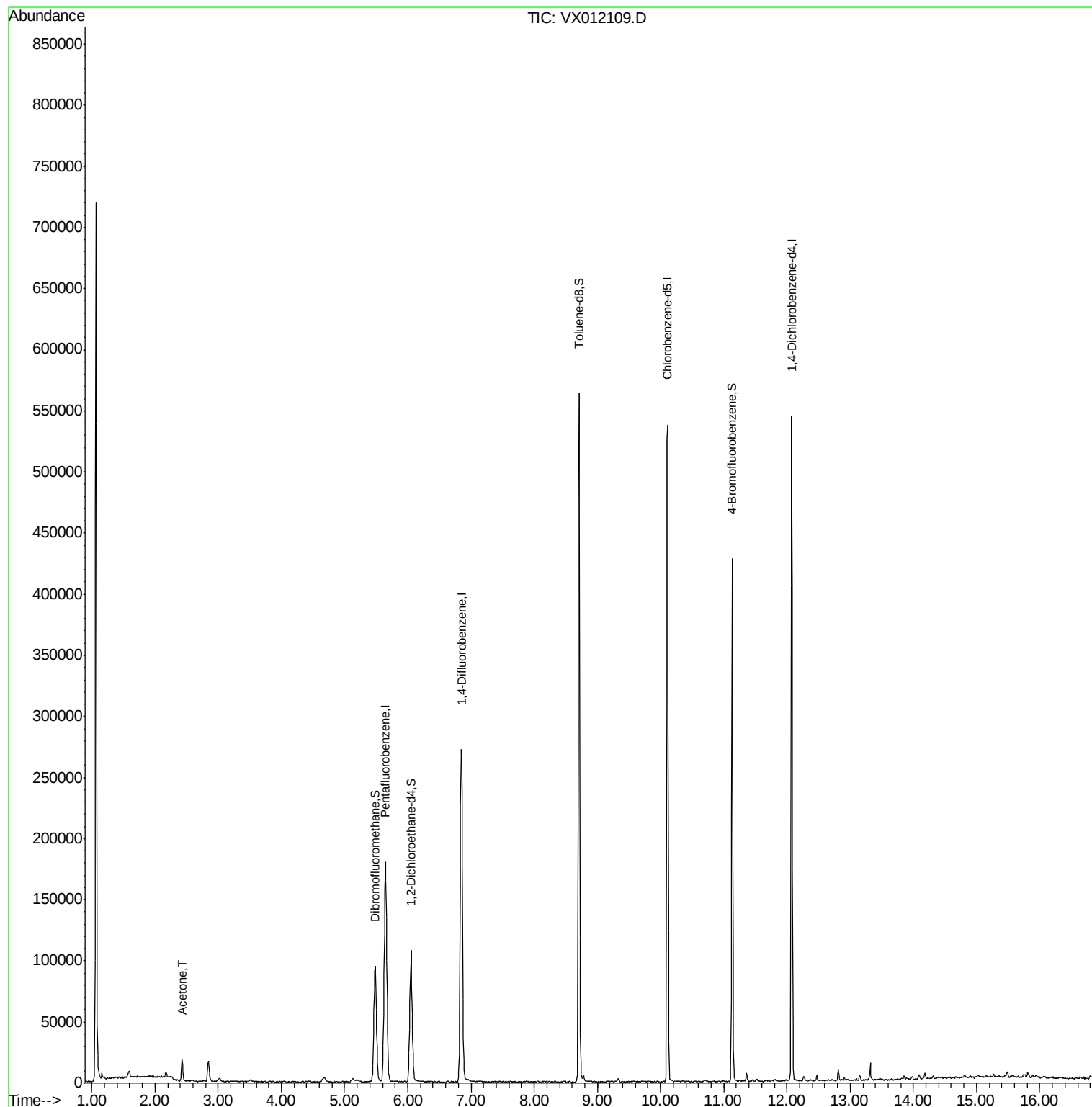
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	152095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265521	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	107000	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
35) Dibromofluoromethane	5.48	113	79825	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
50) Toluene-d8	8.71	98	315048	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.14	95	123128	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
Target Compounds						
16) Acetone	2.43	43	18687	37.254	ug/l	Qvalue 98

(#) = 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
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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: VX012109.D

Acq: 05 Sep 2019 19:02

Instrument :

MSVOA_X

ClientSampled :

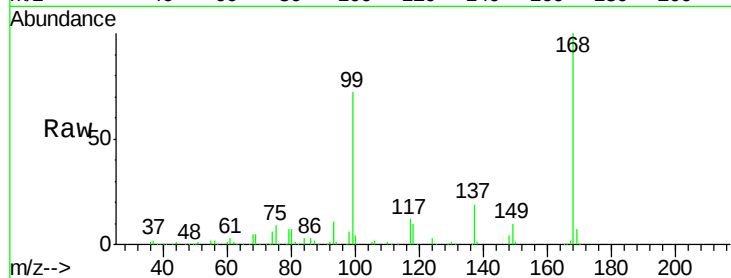
T3-S-B1-(0)

Tot Ion:168 Resp: 152095

Ion Ratio Lower Upper

168 100

99 71.8 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

60000

50000

40000

30000

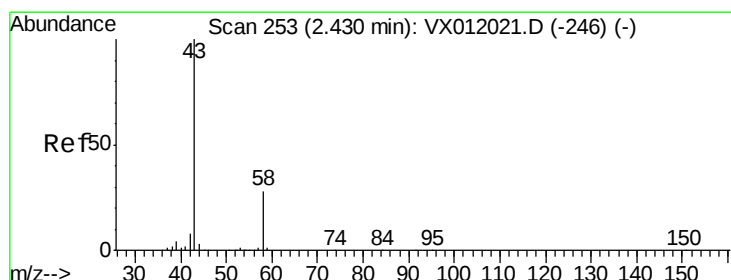
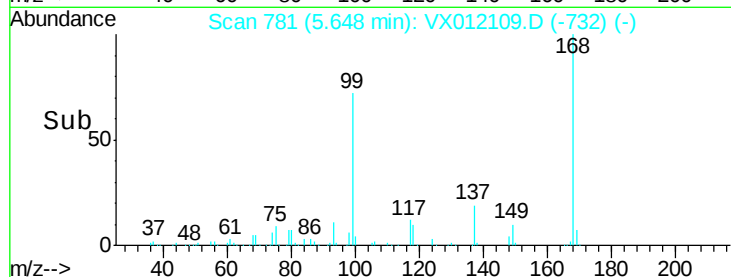
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 37.254 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012109.D

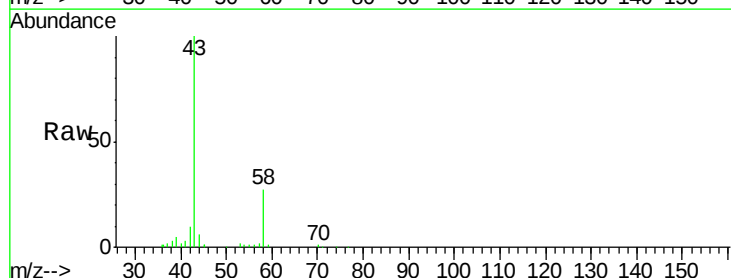
Acq: 05 Sep 2019 19:02

Tgt Ion: 43 Resp: 18687

Ion Ratio Lower Upper

43 100

58 27.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

12000

10000

8000

6000

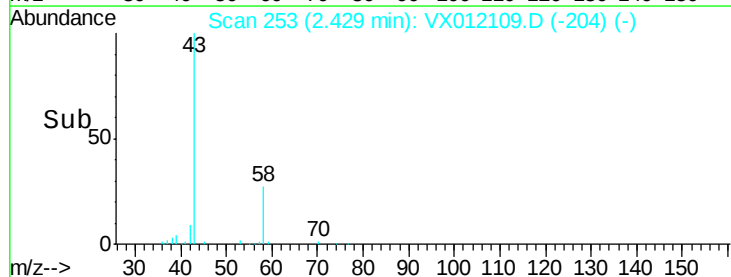
4000

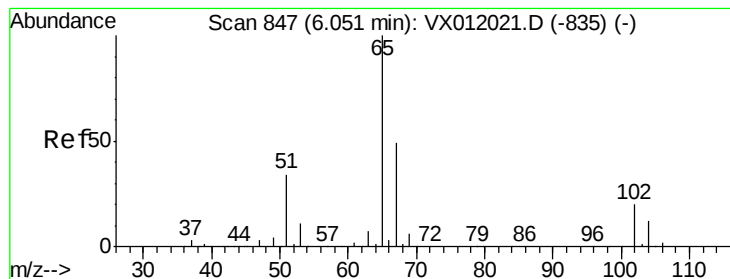
2000

0

Time-->

2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 50.986 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012109.D

Acq: 05 Sep 2019 19:02

Instrument :

MSVOA_X

ClientSampleId :

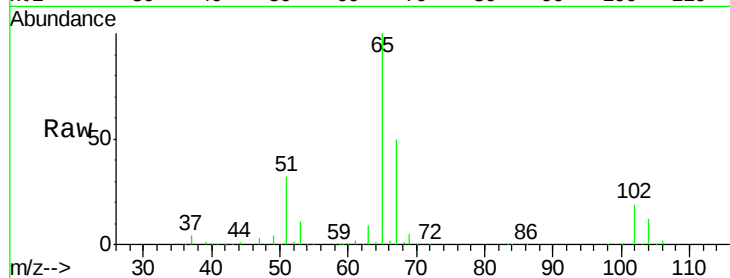
T3-S-B1-(0)

Tot Ion: 65 Resp: 107000

Ion Ratio Lower Upper

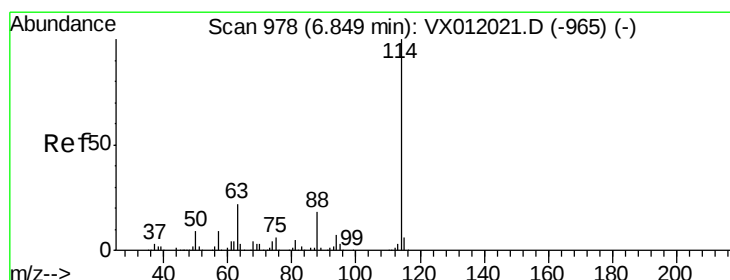
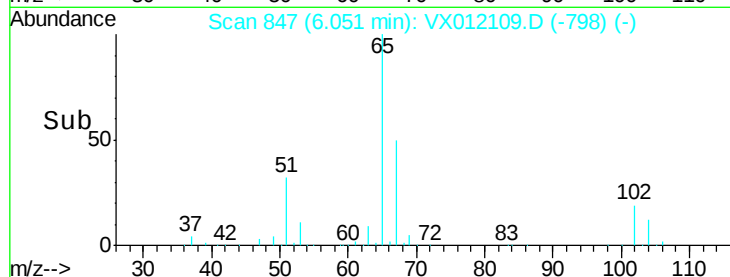
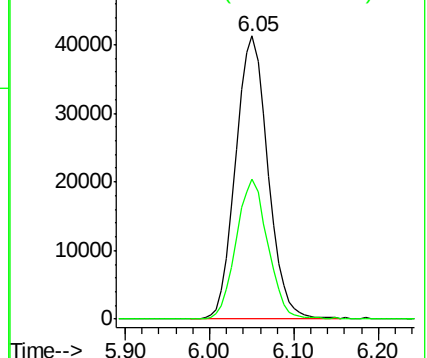
65 100

67 48.9 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: VX012109.D

Acq: 05 Sep 2019 19:02

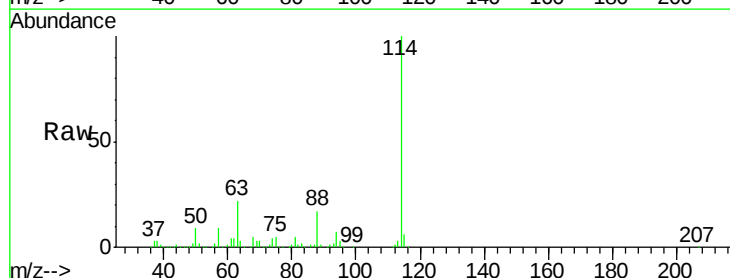
Tgt Ion: 114 Resp: 265521

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

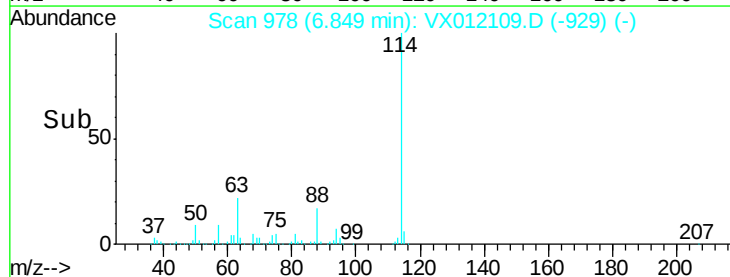
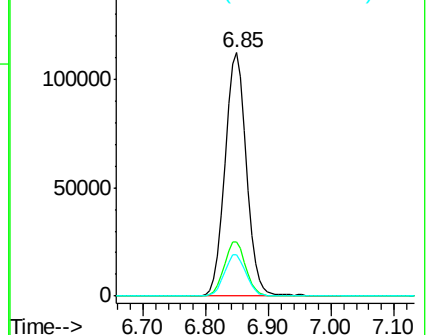
88 17.1 0.0 29.6

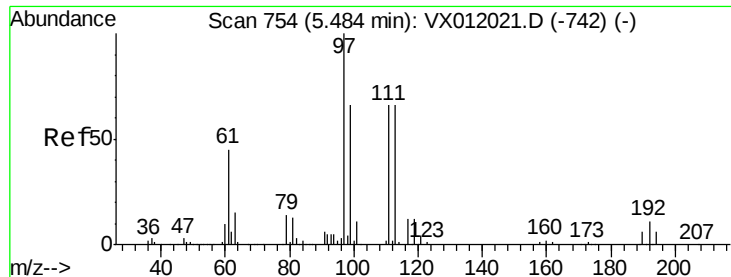


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

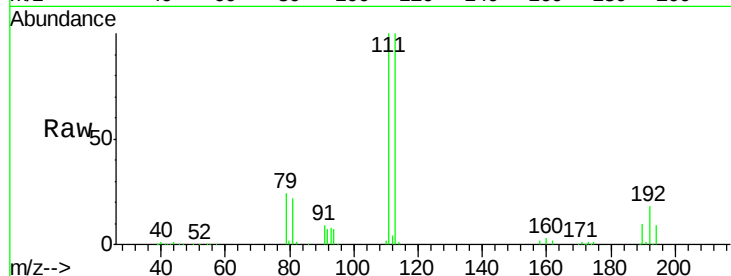




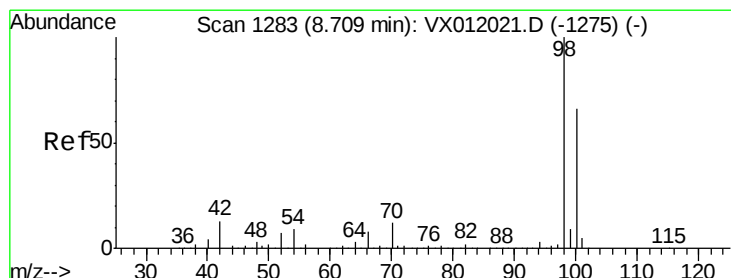
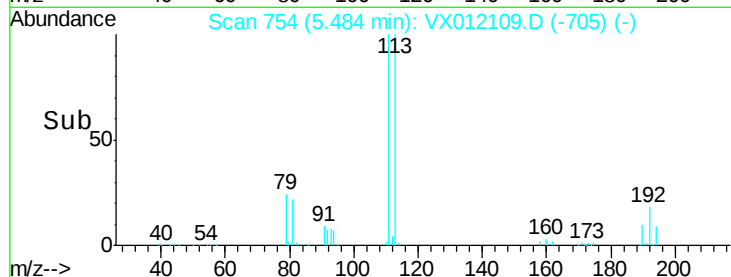
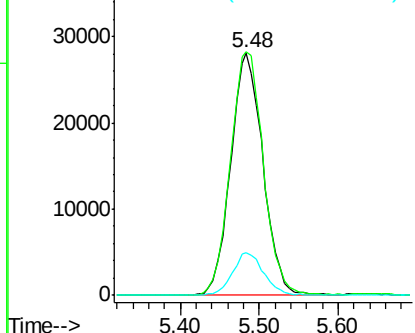
#35
 Dibromofluoromethane
 Concen: 48.886 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012109.D
 Acq: 05 Sep 2019 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B1-(0)

Tot Ion:113 Resp: 79825
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.7 122.5
 192 17.0 22.5 33.7#

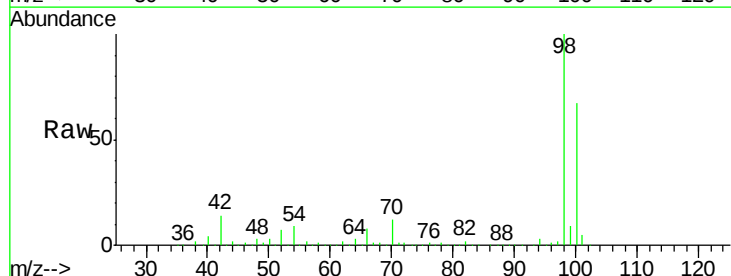


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

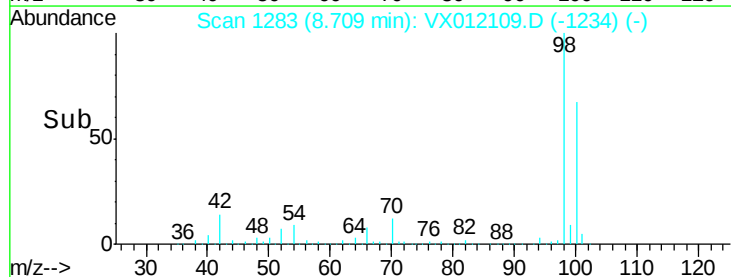
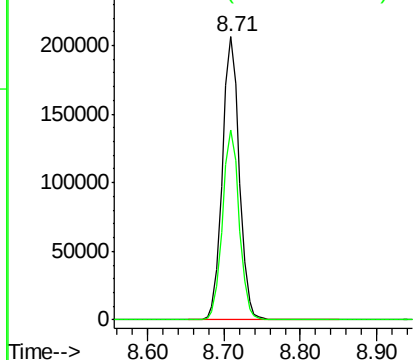


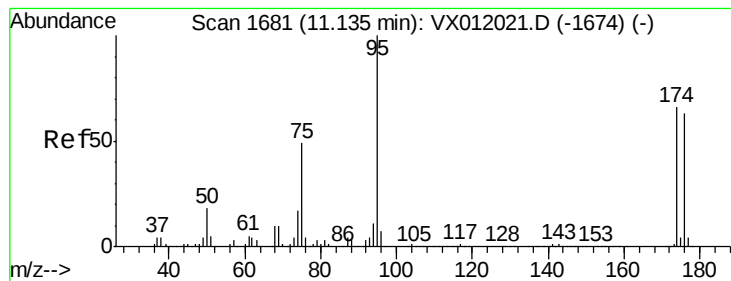
#50
 Toluene-d8
 Concen: 52.579 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012109.D
 Acq: 05 Sep 2019 19:02

Tgt Ion: 98 Resp: 315048
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.186 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012109.D

Acq: 05 Sep 2019 19:02

Instrument :

MSVOA_X

ClientSampleId :

T3-S-B1-(0)

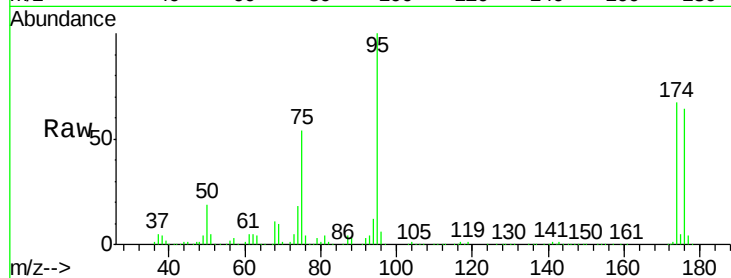
Tot Ion: 95 Resp: 123128

Ion Ratio Lower Upper

95 100

174 63.7 0.0 205.4

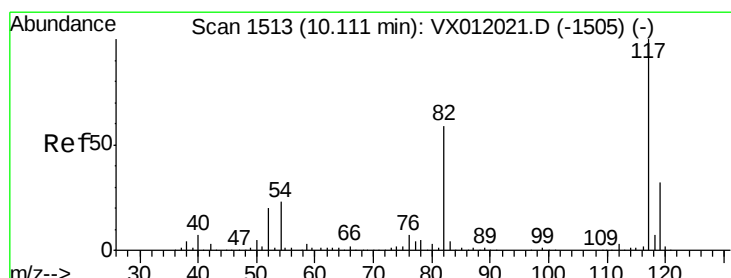
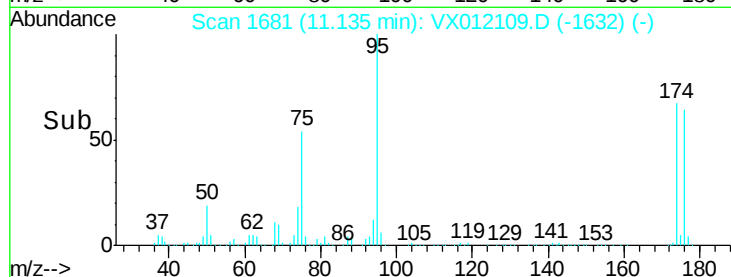
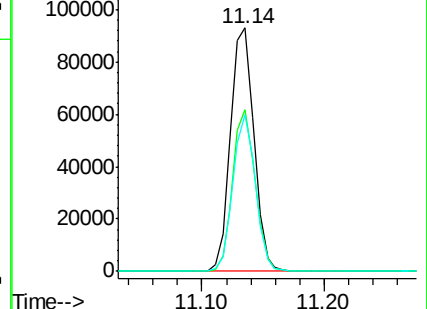
176 61.3 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012021.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012021.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012021.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012109.D

Acq: 05 Sep 2019 19:02

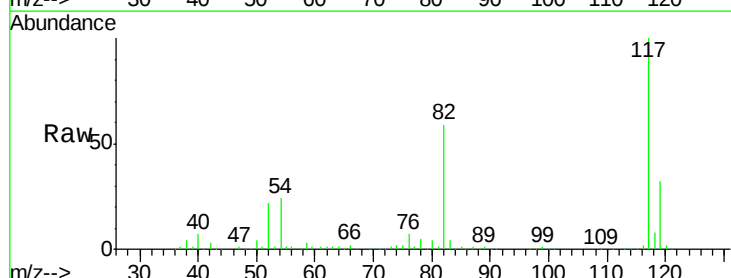
Tgt Ion: 117 Resp: 229031

Ion Ratio Lower Upper

117 100

82 59.2 39.4 59.0#

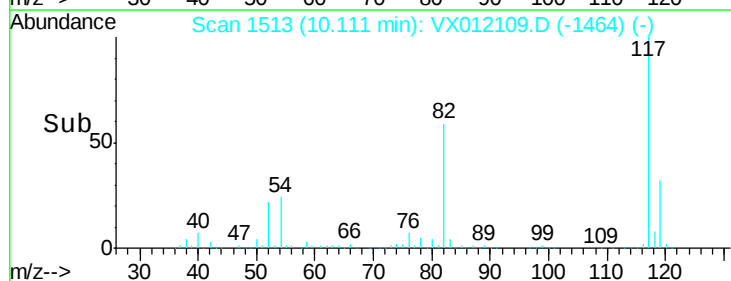
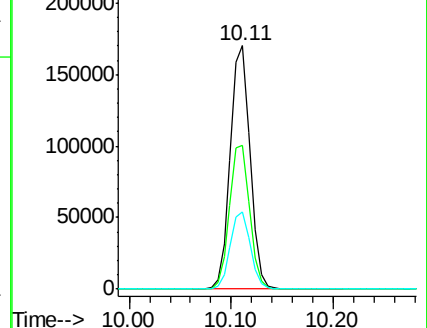
119 31.6 26.1 39.1

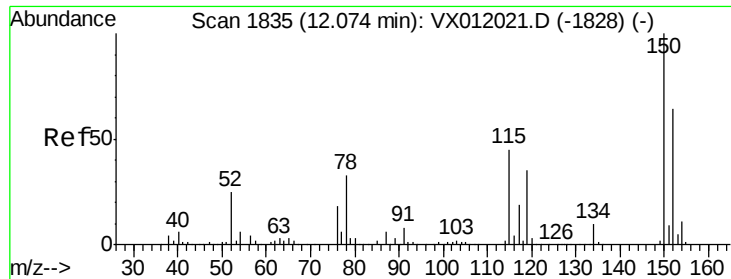


Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012021.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012021.D (-1505) (-)

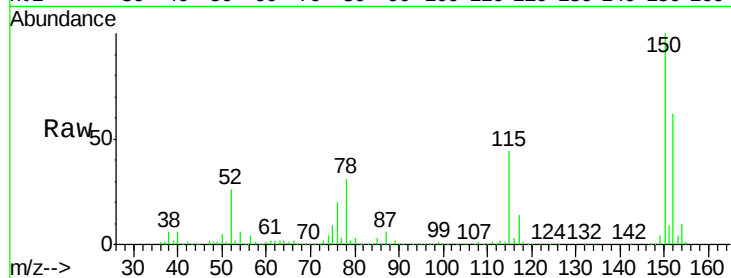




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012109.D
 Acq: 05 Sep 2019 19:02

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B1-(0)

Tot Ion:152 Resp: 98600
 Ion Ratio Lower Upper
 152 100
 115 65.6 36.4 109.3
 150 157.4 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

