

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012088.D
 Acq On : 05 Sep 2019 08:57
 Operator : SY/SP
 Sample : K4548-06
 Misc : 6.84g/5.0mL/MSVOA X/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T8-S-G2-(2.5)

Quant Time: Sep 05 14:51:44 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

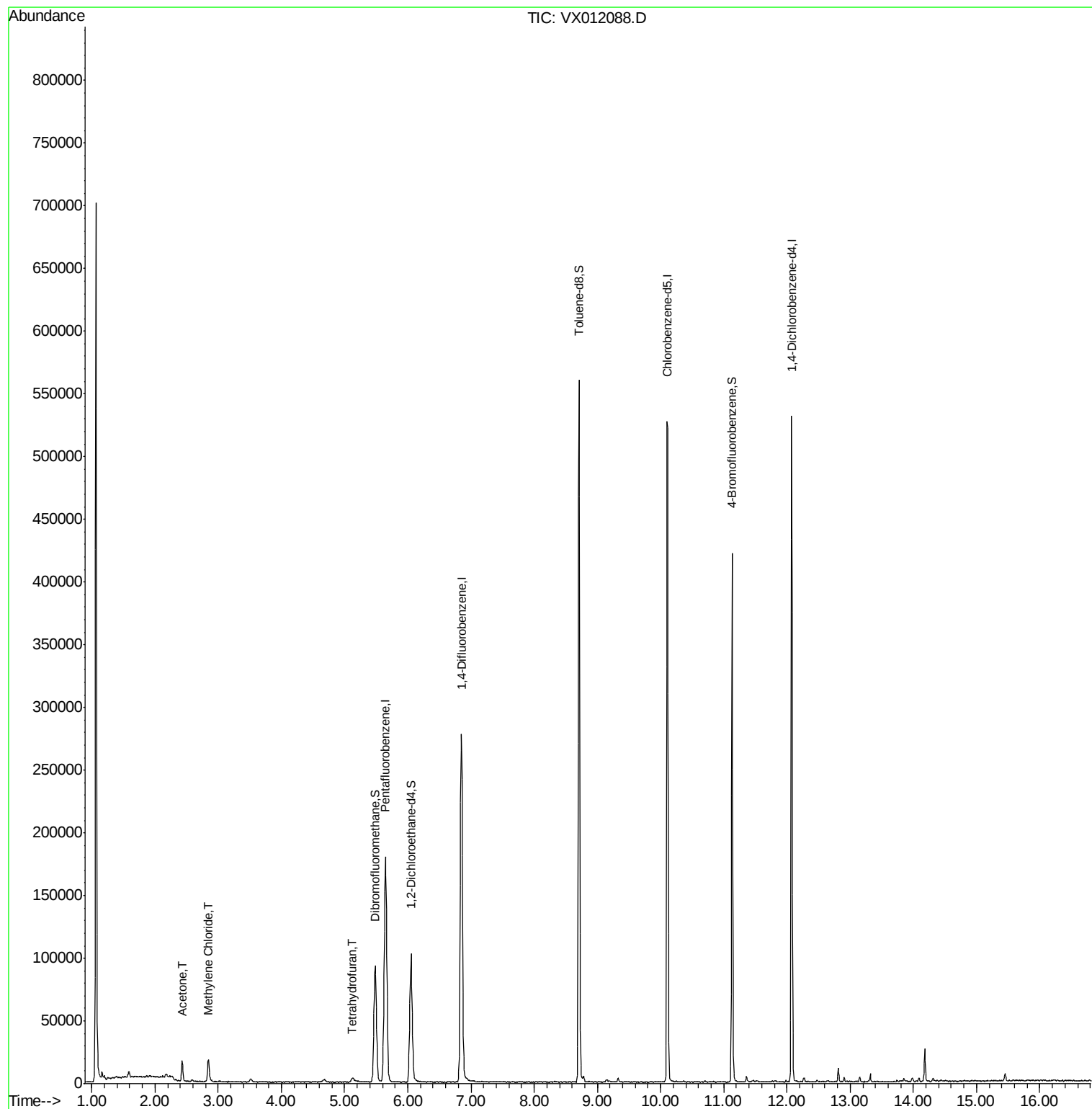
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	152913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	264507	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	103313	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
35) Dibromofluoromethane	5.48	113	77995	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
50) Toluene-d8	8.71	98	314261	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	11.13	95	122134	44.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.00%	
Target Compounds						
16) Acetone	2.43	43	16830	33.372	ug/l	98
20) Methylene Chloride	2.85	84	8833	4.362	ug/l	95
29) Tetrahydrofuran	5.13	42	3596	9.297	ug/l #	84

(#) = 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: VX012088.D

Acq: 05 Sep 2019 08:57

Instrument :

MSVOA_X

ClientSampleId :

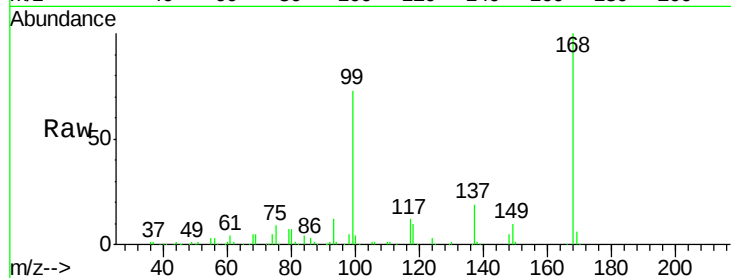
T8-S-G2-(2.5)

Tot Ion:168 Resp: 152913

Ion Ratio Lower Upper

168 100

99 73.5 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

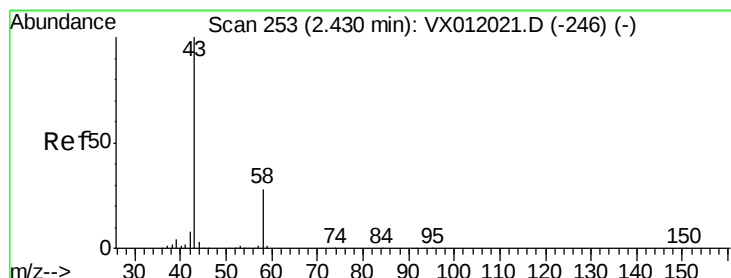
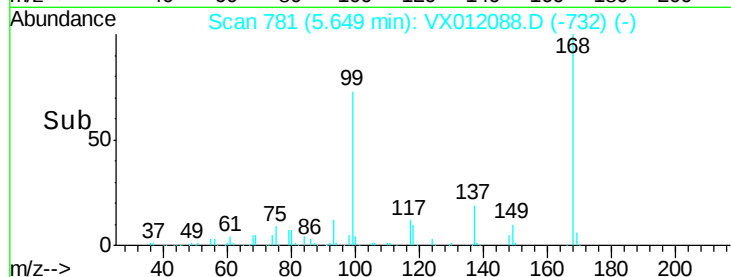
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 33.372 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012088.D

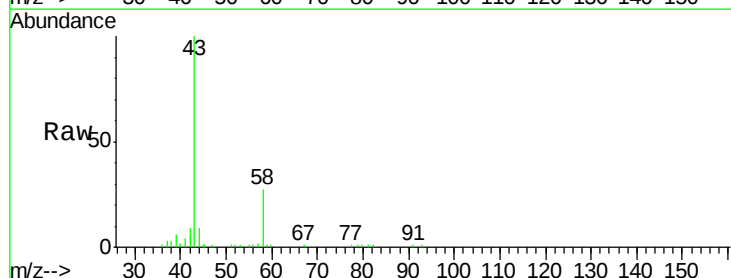
Acq: 05 Sep 2019 08:57

Tgt Ion: 43 Resp: 16830

Ion Ratio Lower Upper

43 100

58 27.7 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

6000

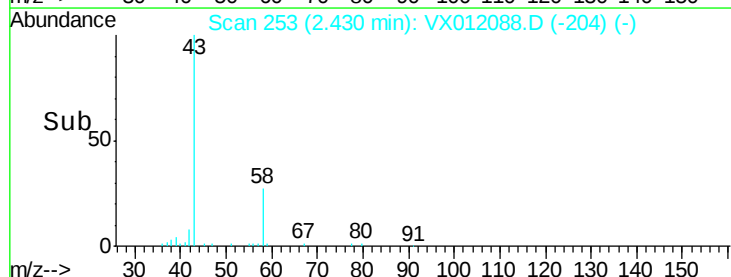
4000

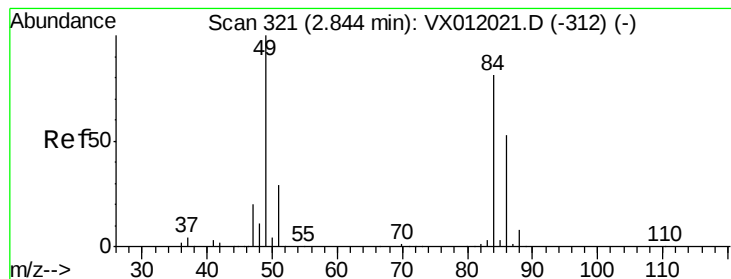
2000

0

Time-->

2.35 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 4.362 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX012088.D

Acq: 05 Sep 2019 08:57

Instrument :

MSVOA_X

ClientSampleId :

T8-S-G2-(2.5)

Tot Ion: 84 Resp: 8833

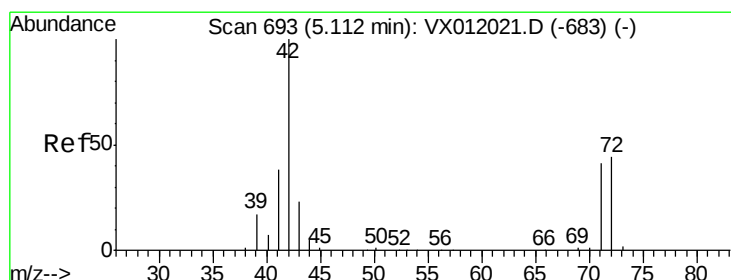
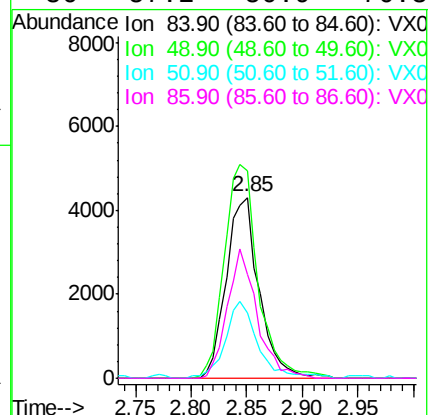
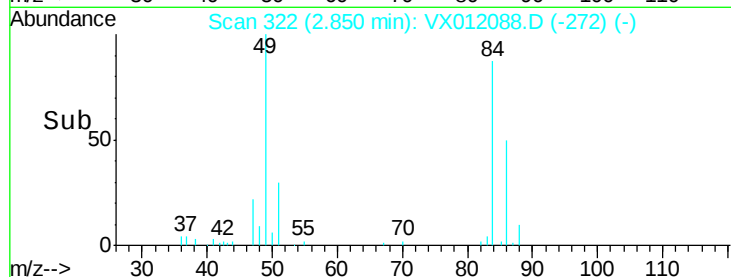
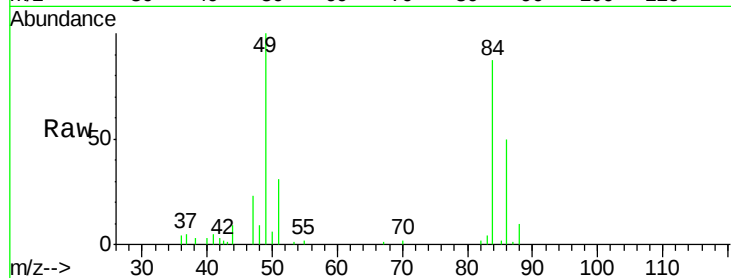
Ion Ratio Lower Upper

84 100

49 114.9 95.8 143.8

51 36.1 28.6 43.0

86 57.2 50.9 76.3



#29

Tetrahydrofuran

Concen: 9.297 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012088.D

Acq: 05 Sep 2019 08:57

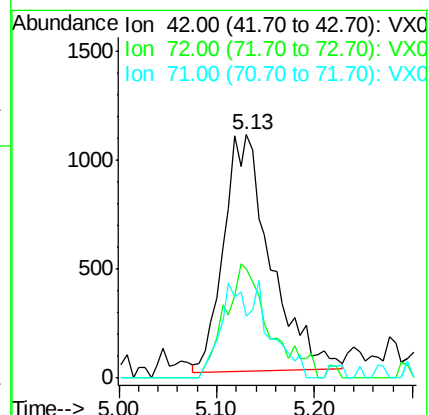
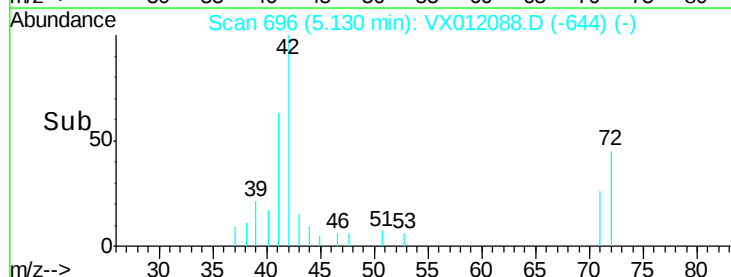
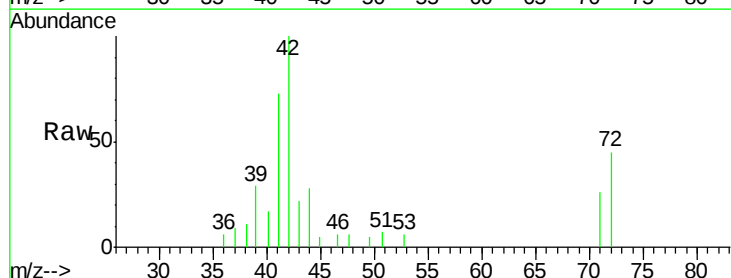
Tgt Ion: 42 Resp: 3596

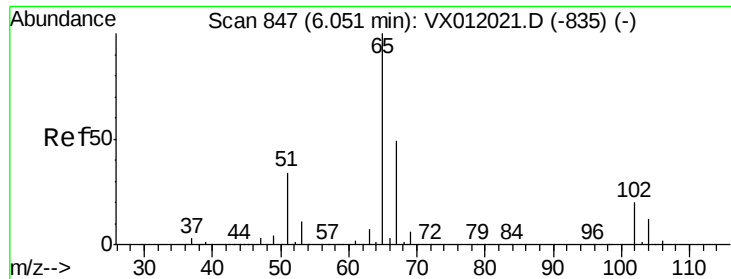
Ion Ratio Lower Upper

42 100

72 45.8 37.0 55.4

71 21.3 33.8 50.8#

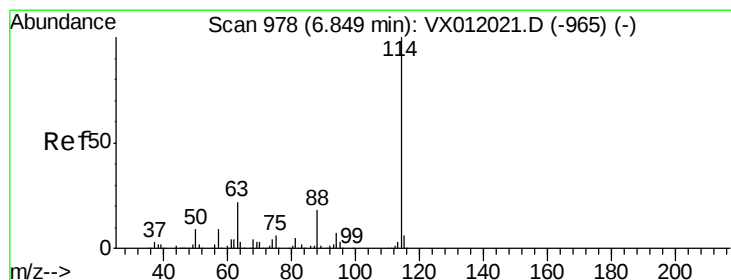
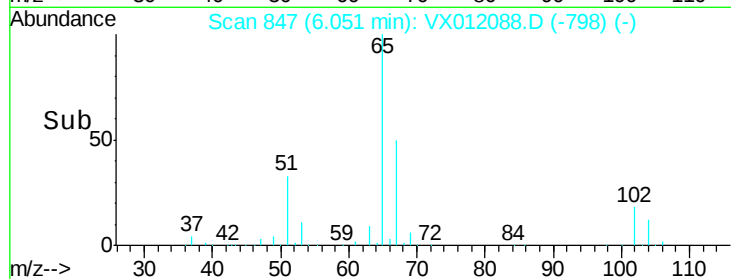
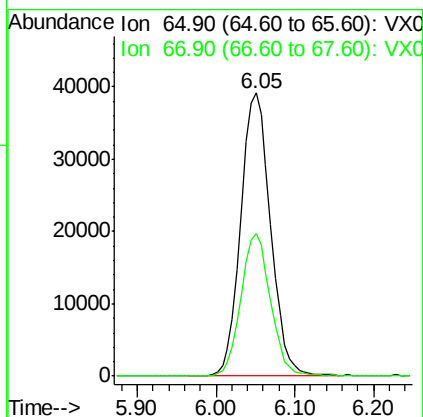
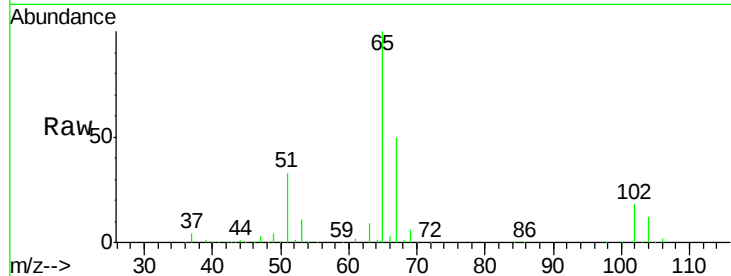




#33
 1,2-Dichloroethane-d4
 Concen: 48.966 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012088.D
 Acq: 05 Sep 2019 08:57

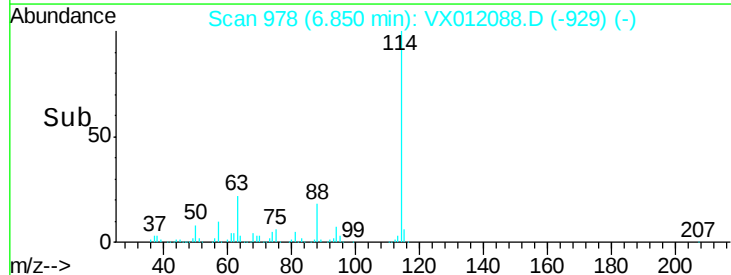
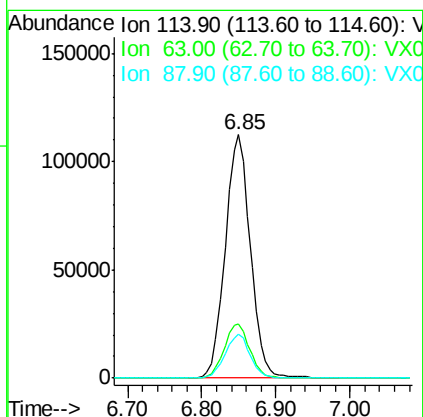
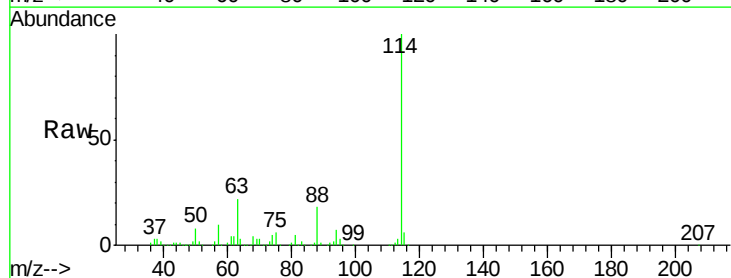
Instrument :
 MSVOA_X
 ClientSampleId :
 T8-S-G2-(2.5)

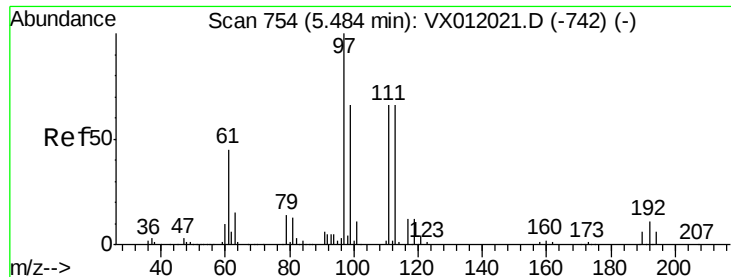
Tot Ion: 65 Resp: 103313
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012088.D
 Acq: 05 Sep 2019 08:57

Tgt Ion: 114 Resp: 264507
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 37.4
 88 17.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.948 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012088.D

Acq: 05 Sep 2019 08:57

Instrument :

MSVOA_X

ClientSampleId :

T8-S-G2-(2.5)

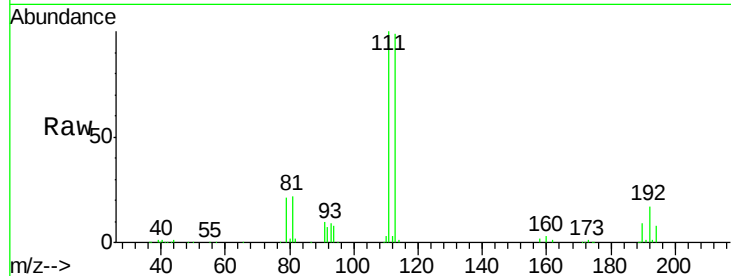
Tot Ion:113 Resp: 77995

Ion Ratio Lower Upper

113 100

111 103.3 81.7 122.5

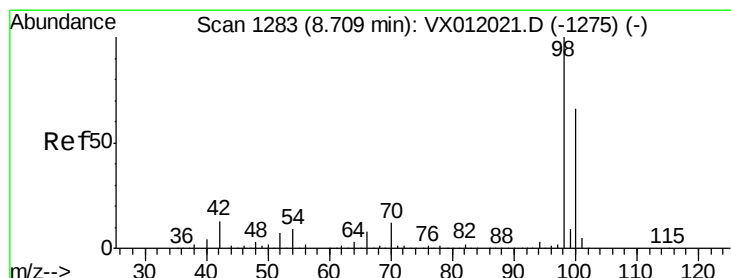
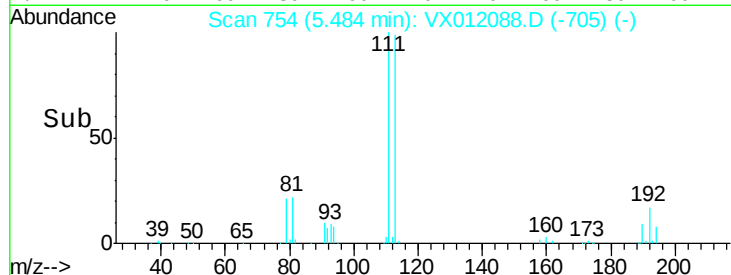
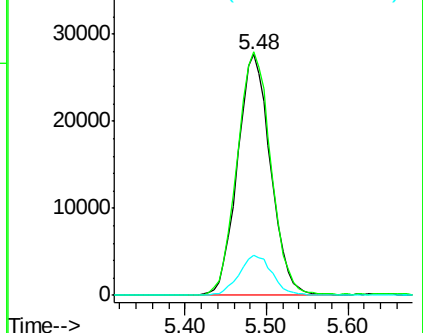
192 16.7 22.5 33.7#



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: 52.649 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012088.D

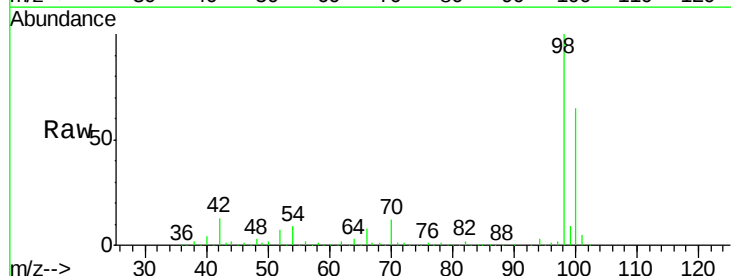
Acq: 05 Sep 2019 08:57

Tgt Ion: 98 Resp: 314261

Ion Ratio Lower Upper

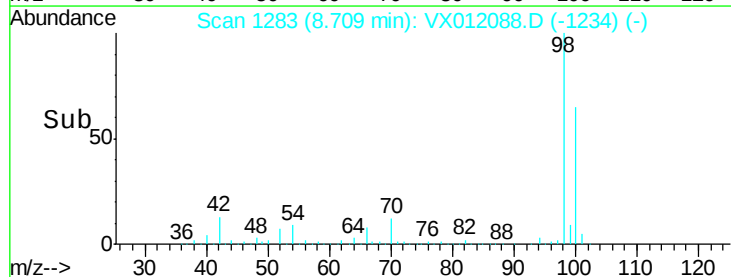
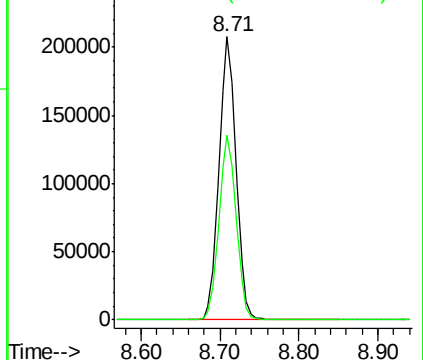
98 100

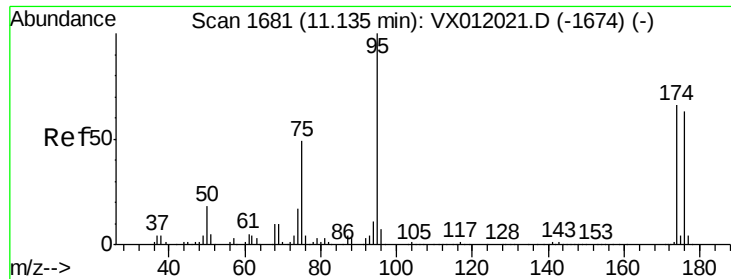
100 65.8 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.997 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012088.D

Acq: 05 Sep 2019 08:57

Instrument :

MSVOA_X

ClientSampleId :

T8-S-G2-(2.5)

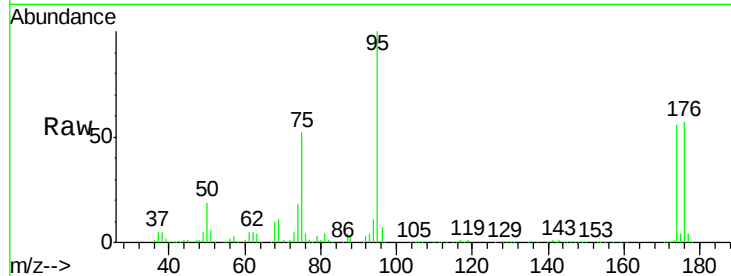
Tot Ion: 95 Resp: 122134

Ion Ratio Lower Upper

95 100

174 63.5 0.0 205.4

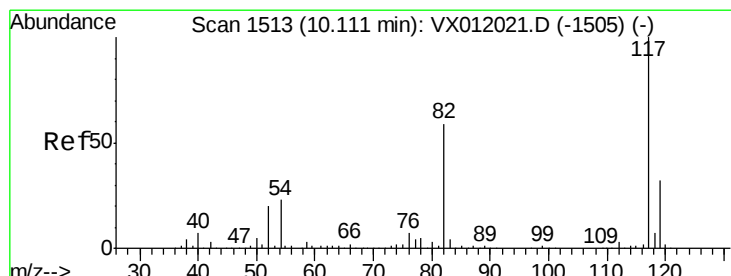
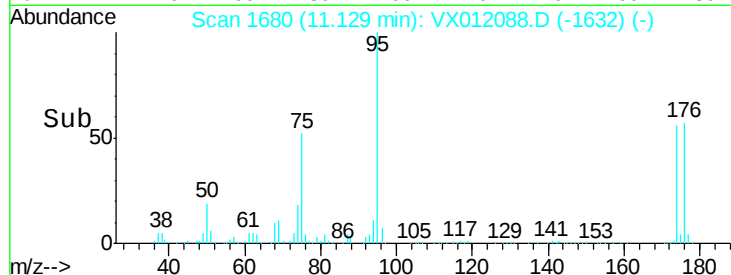
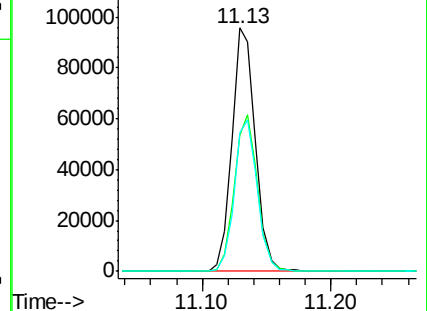
176 61.3 0.0 201.8



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: VX012088.D

Acq: 05 Sep 2019 08:57

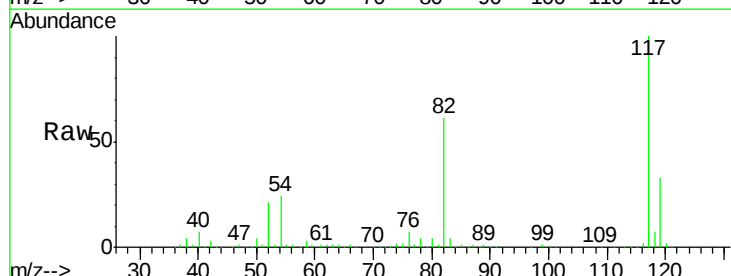
Tgt Ion: 117 Resp: 229811

Ion Ratio Lower Upper

117 100

82 60.9 39.4 59.0#

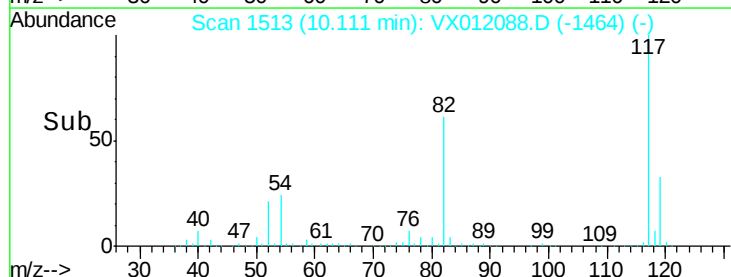
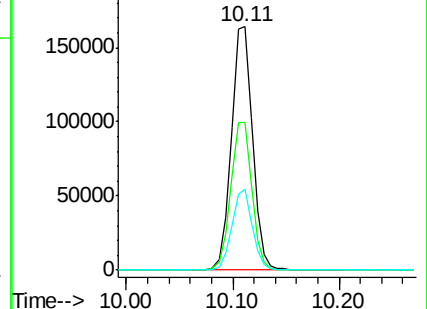
119 33.3 26.1 39.1

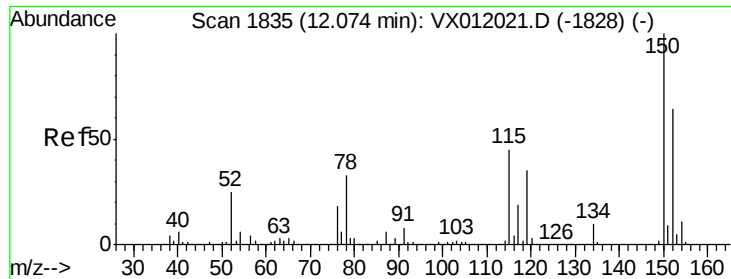


Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

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

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

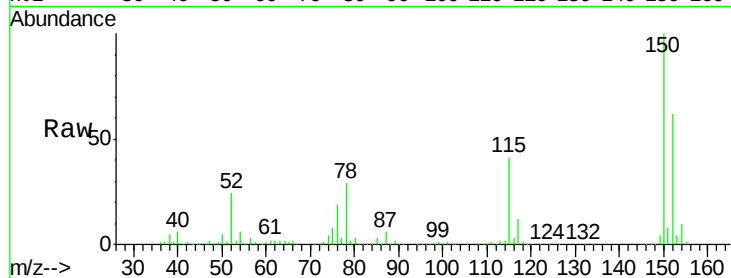




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012088.D
 Acq: 05 Sep 2019 08:57

Instrument :
 MSVOA_X
 ClientSampleId :
 T8-S-G2-(2.5)

Tot Ion:152 Resp: 97838
 Ion Ratio Lower Upper
 152 100
 115 65.7 36.4 109.3
 150 157.7 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

