

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012061.D
 Acq On : 04 Sep 2019 19:31
 Operator : SY/SP
 Sample : K4546-10
 Misc : 4.51g/5.0mL/MSVOA X/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Sep 05 05:45:48 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

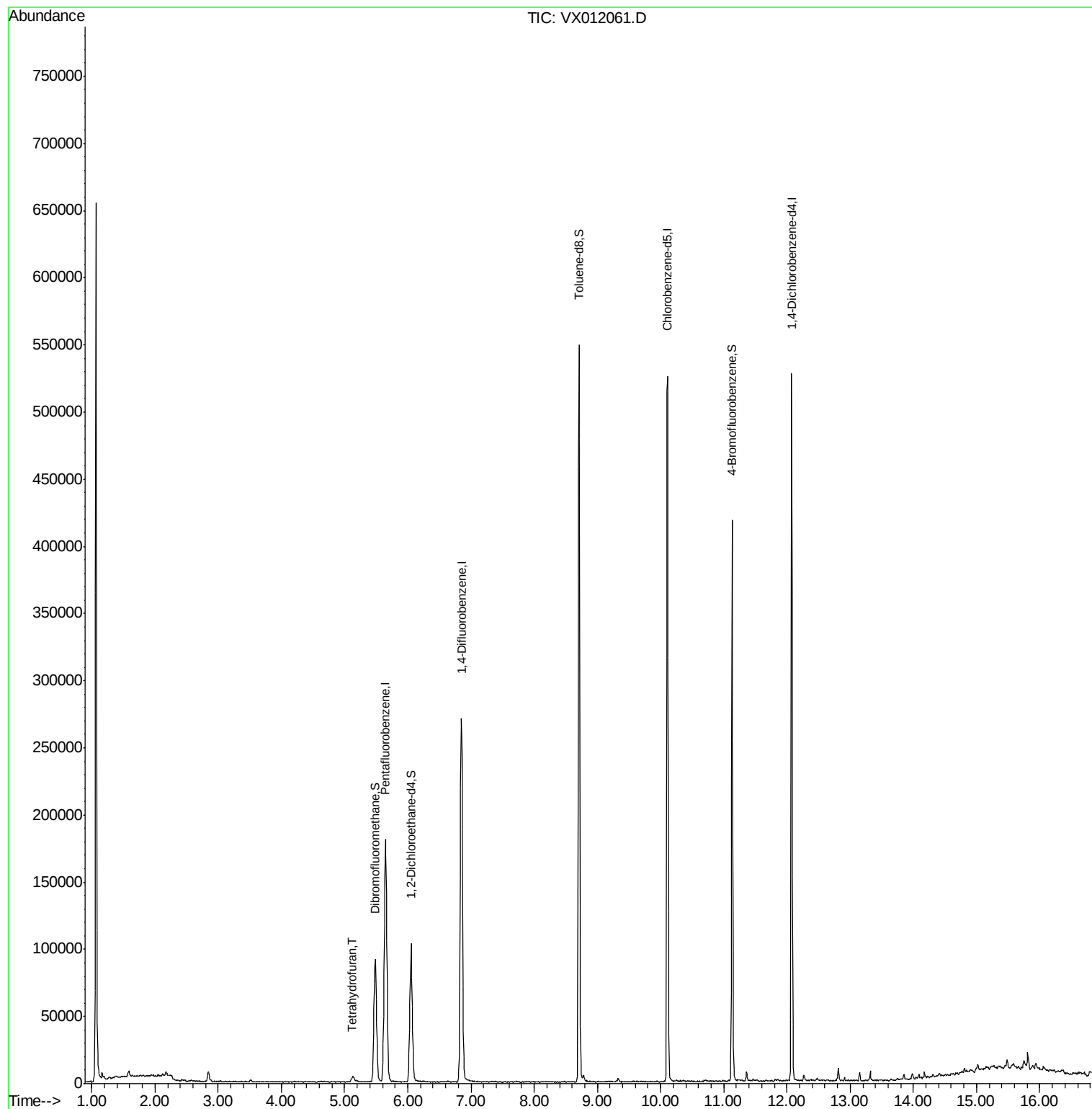
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	101205	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	5.48	113	78711	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	8.71	98	315013	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
62) 4-Bromofluorobenzene	11.14	95	121740	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
Target Compounds						
29) Tetrahydrofuran	5.13	42	4465	11.527	ug/l	Qvalue 98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

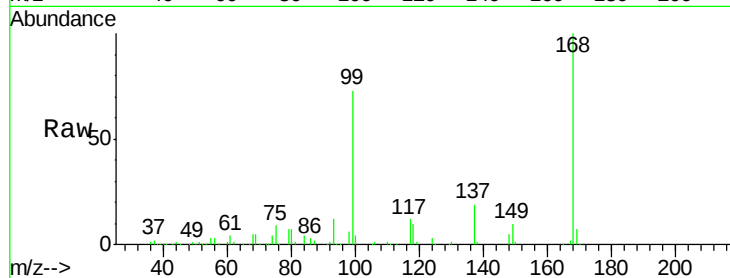
T3-S-A-(0)

Tot Ion:168 Resp: 153143

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

5.65

60000

50000

40000

30000

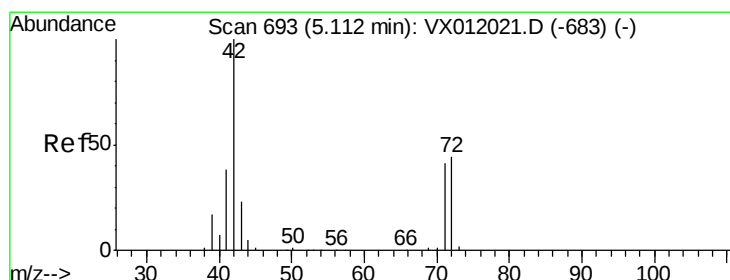
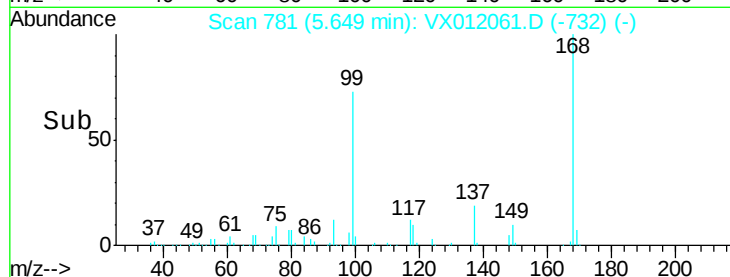
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 11.527 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012061.D

Acq: 04 Sep 2019 19:31

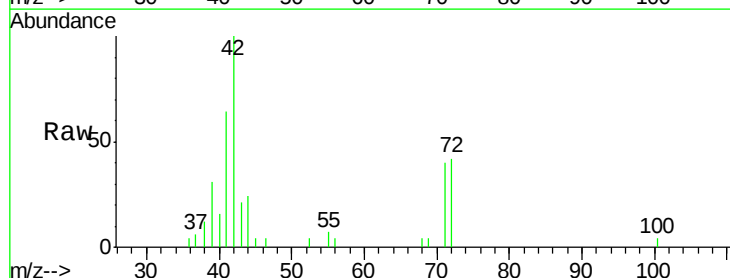
Tgt Ion: 42 Resp: 4465

Ion Ratio Lower Upper

42 100

72 44.8 37.0 55.4

71 42.8 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

1500

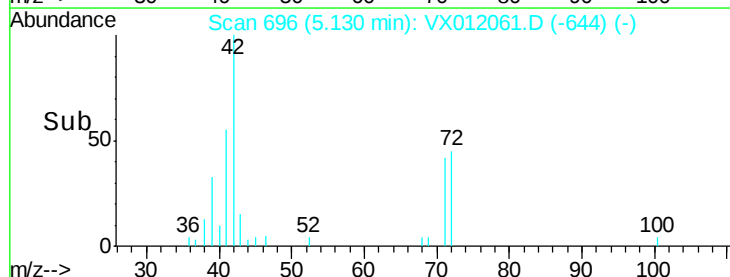
1000

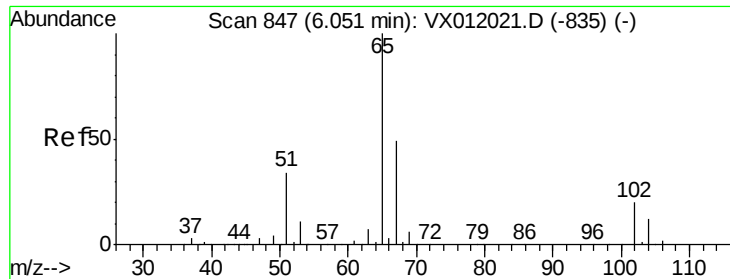
500

0

Time-->

5.00 5.10 5.20





#33

1,2-Dichloroethane-d4

Concen: 47.895 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012061.D

Acq: 04 Sep 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

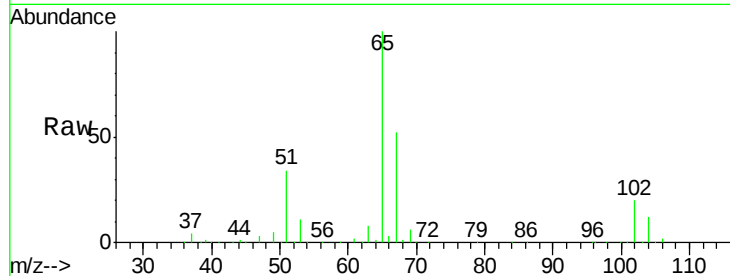
T3-S-A-(0)

Tot Ion: 65 Resp: 101205

Ion Ratio Lower Upper

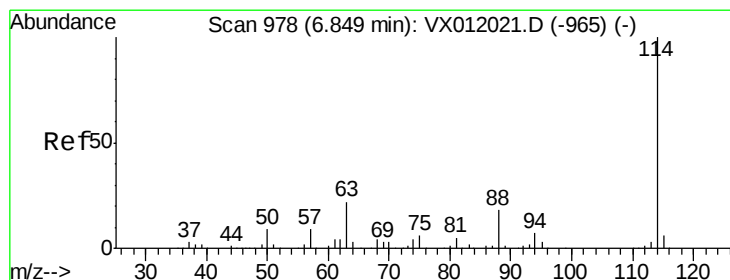
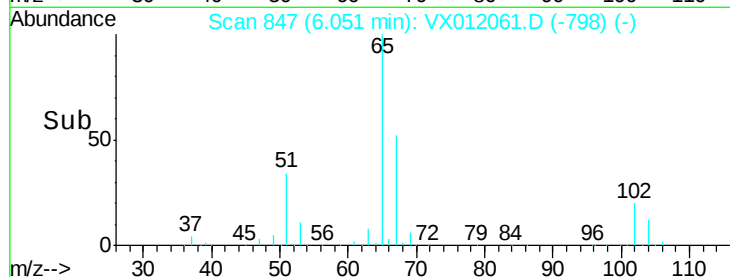
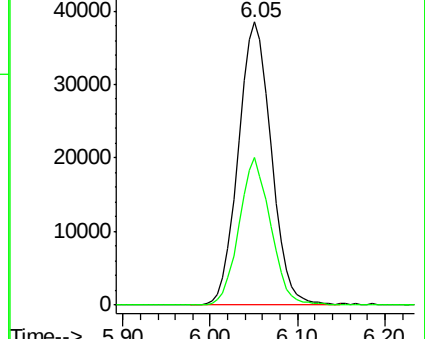
65 100

67 49.9 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: VX012061.D

Acq: 04 Sep 2019 19:31

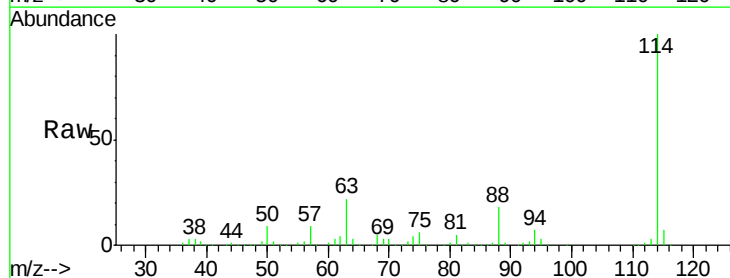
Tgt Ion: 114 Resp: 265556

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

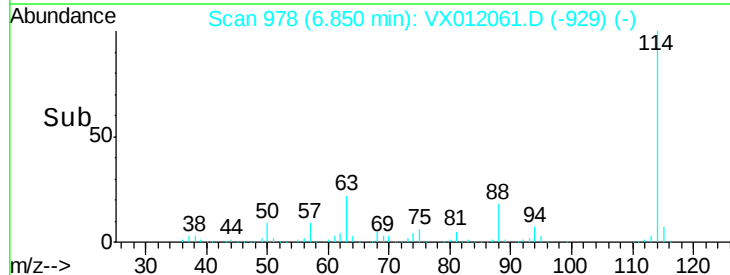
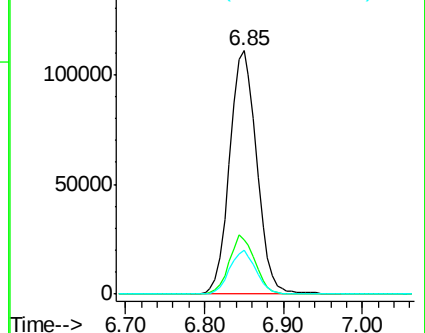
88 17.9 0.0 29.6

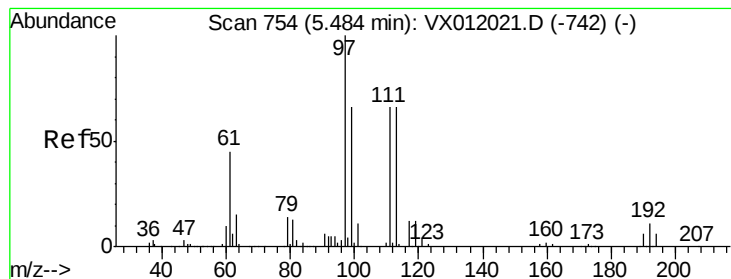


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.197 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012061.D

Acq: 04 Sep 2019 19:31

Instrument :

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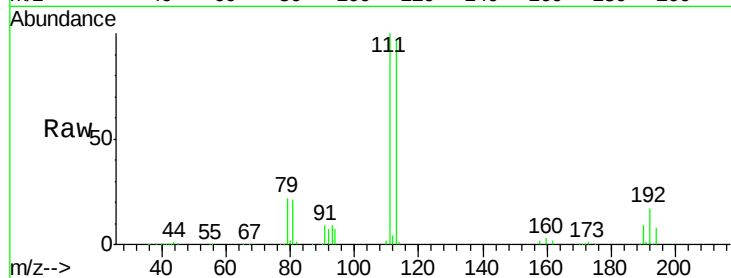
Tot Ion:113 Resp: 78711

Ion Ratio Lower Upper

113 100

111 102.9 81.7 122.5

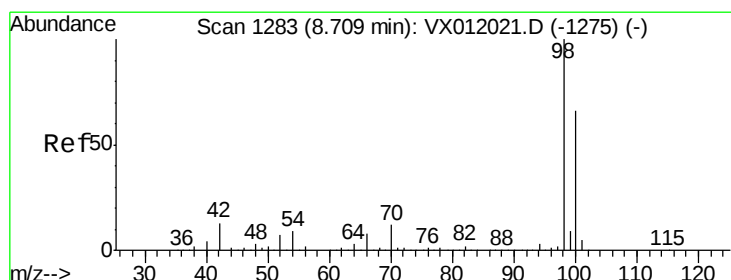
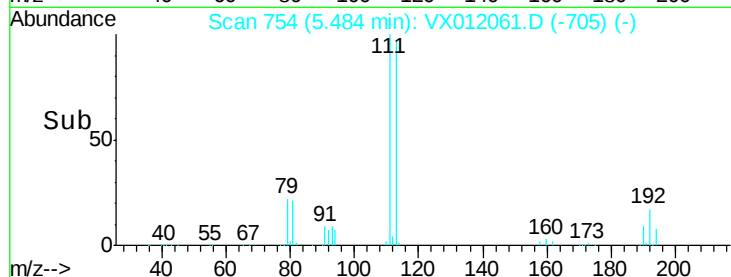
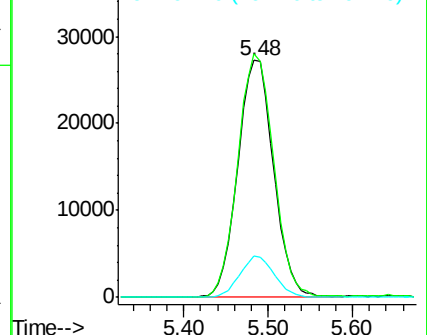
192 16.8 22.5 33.7#



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: 52.566 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012061.D

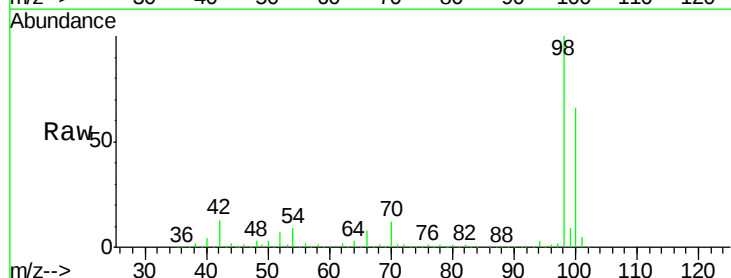
Acq: 04 Sep 2019 19:31

Tgt Ion: 98 Resp: 315013

Ion Ratio Lower Upper

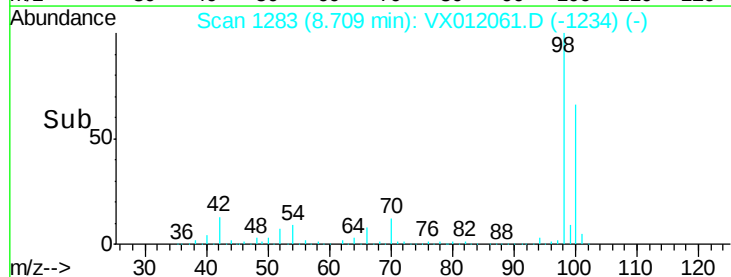
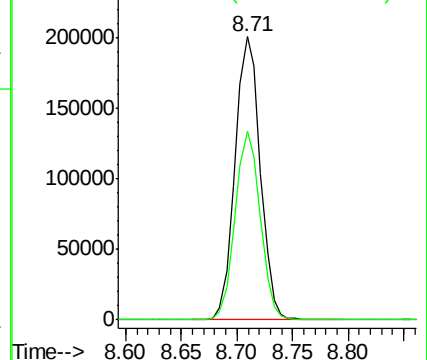
98 100

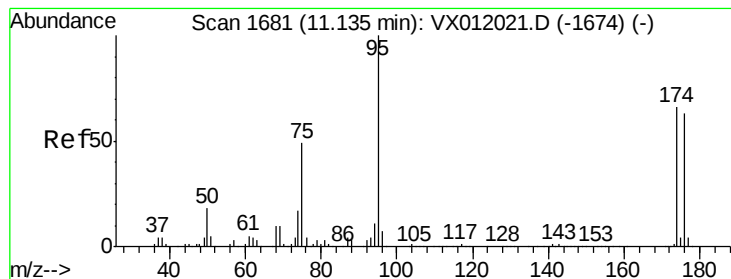
100 66.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.682 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012061.D

Acq: 04 Sep 2019 19:31

Instrument :

MSVOA_X

ClientSampleId :

T3-S-A-(0)

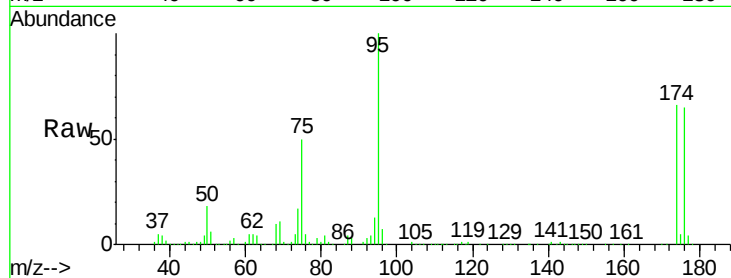
Tot Ion: 95 Resp: 121740

Ion Ratio Lower Upper

95 100

174 62.7 0.0 205.4

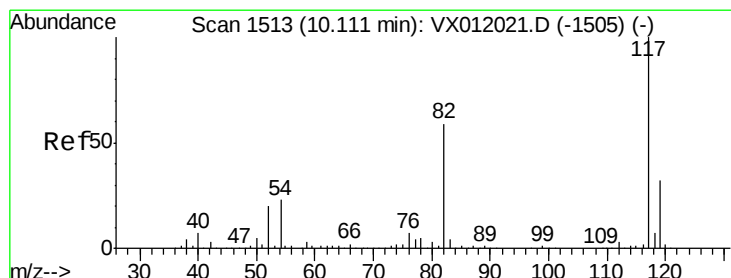
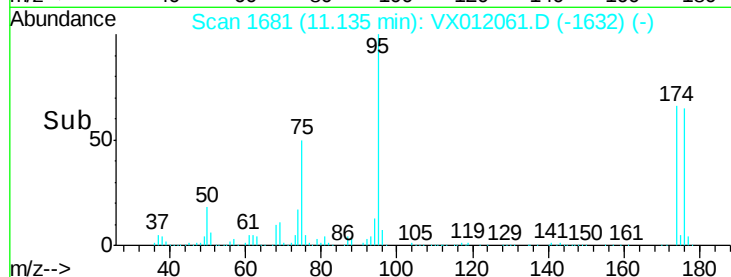
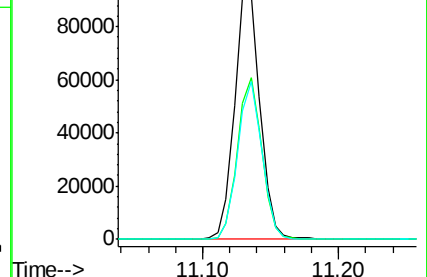
176 61.0 0.0 201.8



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: VX012061.D

Acq: 04 Sep 2019 19:31

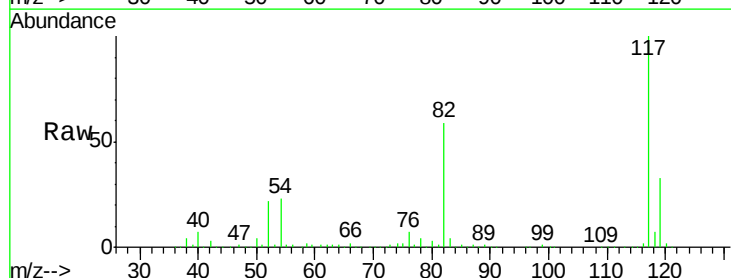
Tgt Ion: 117 Resp: 229430

Ion Ratio Lower Upper

117 100

82 58.6 39.4 59.0

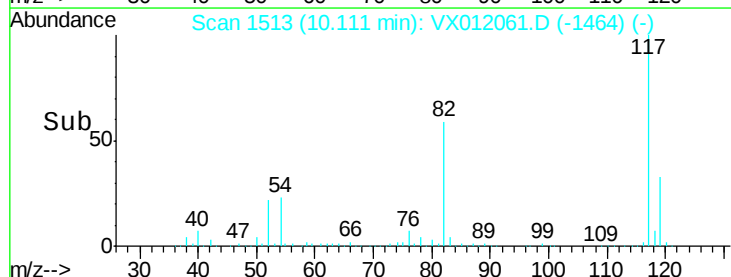
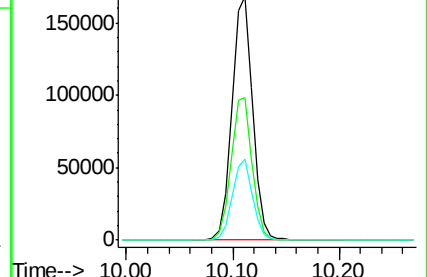
119 33.3 26.1 39.1

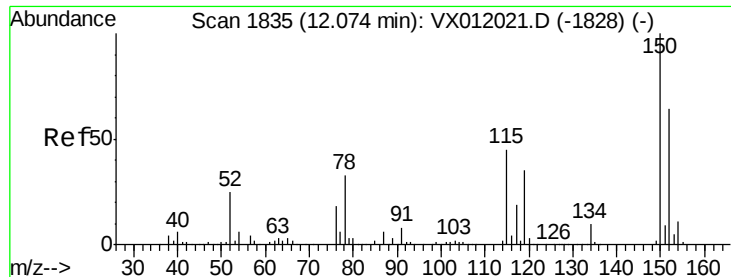


Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

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: VX012061.D
 Acq: 04 Sep 2019 19:31

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

Tot Ion:152 Resp: 95173
 Ion Ratio Lower Upper
 152 100
 115 66.8 36.4 109.3
 150 156.9 0.0 341.2

