

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090619\
 Data File : VX012152.D
 Acq On : 06 Sep 2019 17:05
 Operator : SY/SP
 Sample : K4601-08
 Misc : 3.01µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E3-(2.7)

Quant Time: Sep 07 01:45:11 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

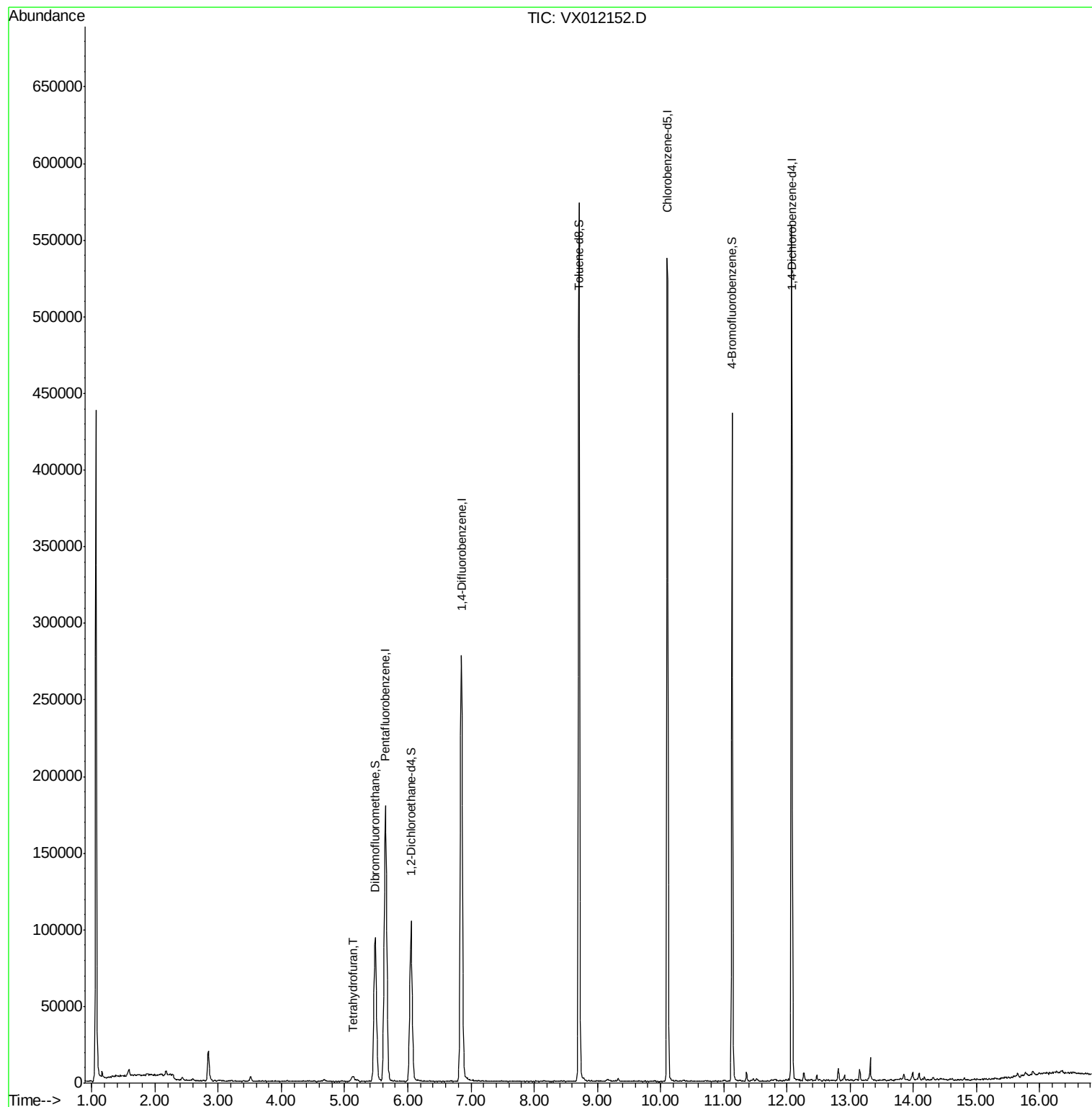
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	151901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	104869	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
35) Dibromofluoromethane	5.48	113	78893	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	8.71	98	313700	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	11.14	95	124198	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.16%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	3691	9.607	ug/l	Qvalue 98

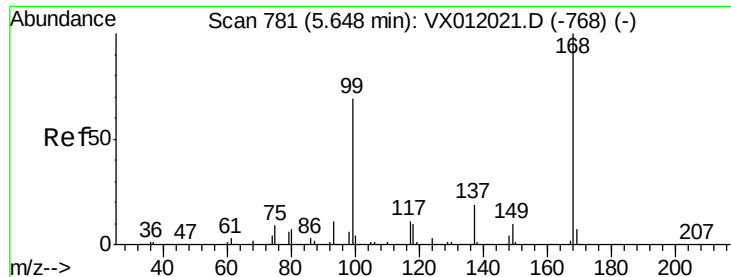
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090619\
Data File : VX012152.D
Acq On : 06 Sep 2019 17:05
Operator : SY/SP
Sample : K4601-08
Misc : 3.01a/5.0mL/MSVOA X/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T12-E3-(2.7)

Quant Time: Sep 07 01:45:11 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: VX012152.D

Acq: 06 Sep 2019 17:05

Instrument :

MSVOA_X

ClientSampleId :

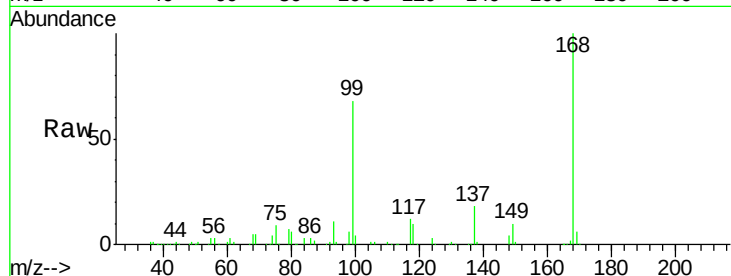
T12-E3-(2.7)

Tot Ion:168 Resp: 151901

Ion Ratio Lower Upper

168 100

99 68.5 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

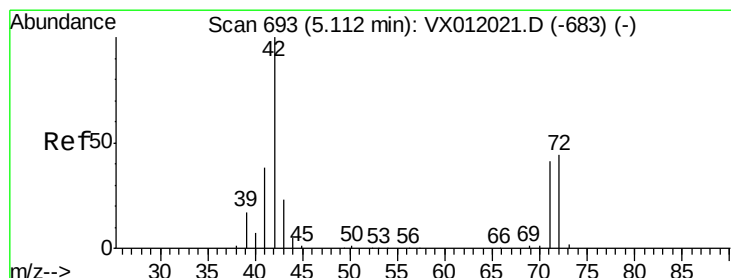
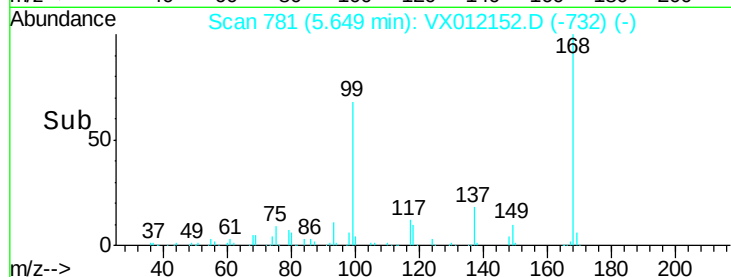
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 9.607 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012152.D

Acq: 06 Sep 2019 17:05

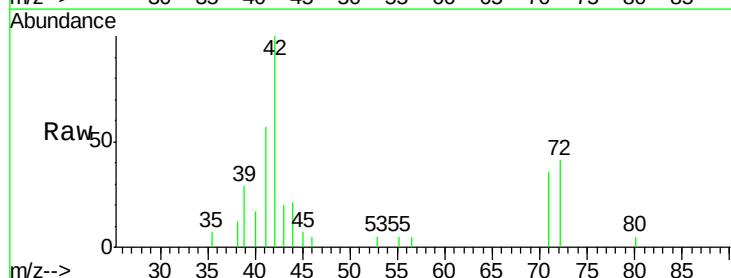
Tgt Ion: 42 Resp: 3691

Ion Ratio Lower Upper

42 100

72 44.8 37.0 55.4

71 41.8 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

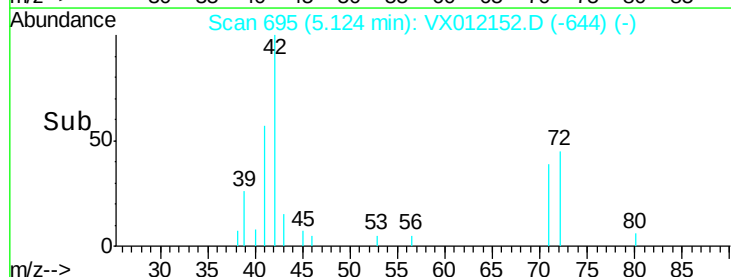
1000

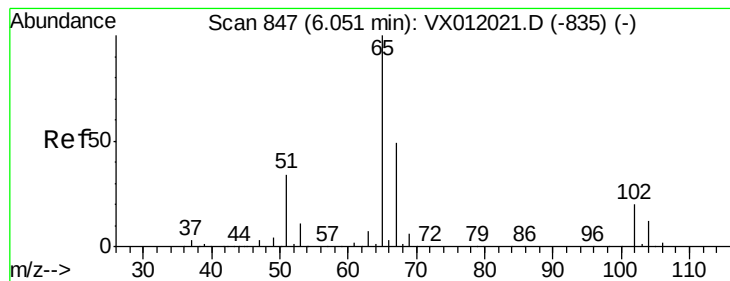
500

0

Time-->

5.05 5.10 5.15 5.20





#33

1,2-Dichloroethane-d4

Concen: 50.035 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012152.D

Acq: 06 Sep 2019 17:05

Instrument :

MSVOA_X

ClientSampleId :

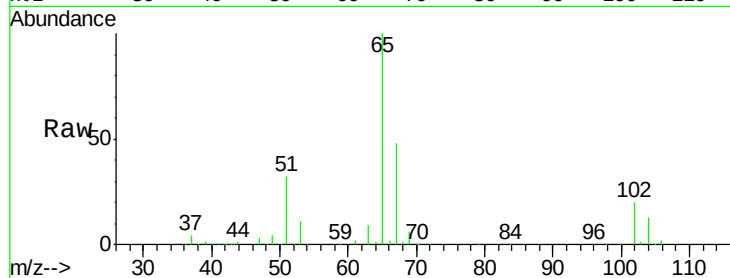
T12-E3-(2.7)

Tot Ion: 65 Resp: 104869

Ion Ratio Lower Upper

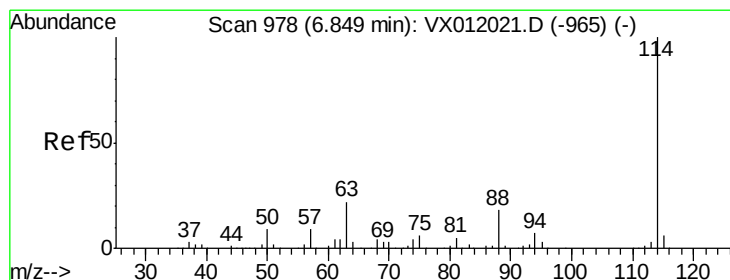
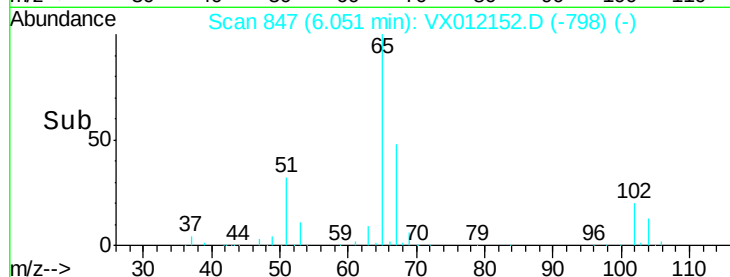
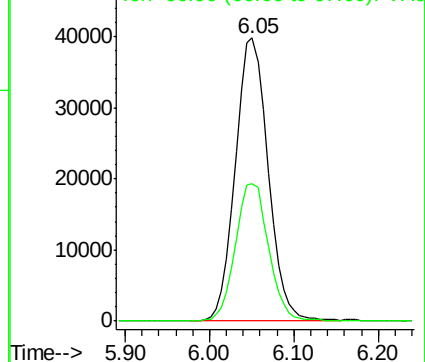
65 100

67 49.2 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: VX012152.D

Acq: 06 Sep 2019 17:05

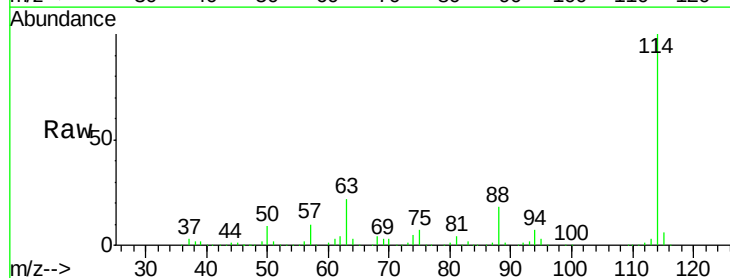
Tgt Ion: 114 Resp: 265436

Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.4

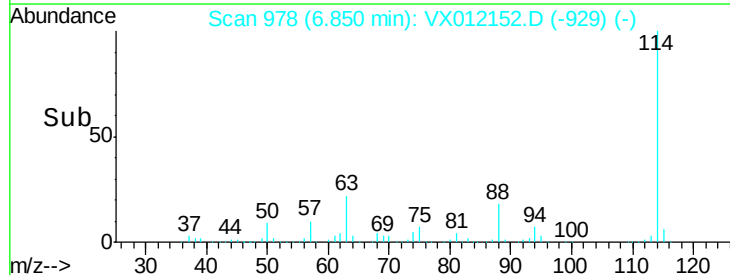
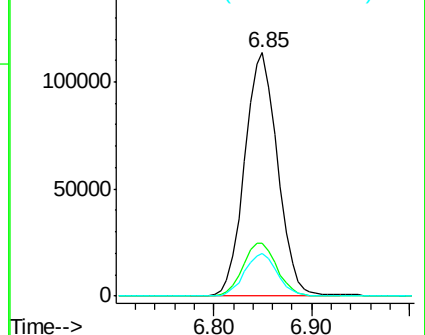
88 17.6 0.0 29.6

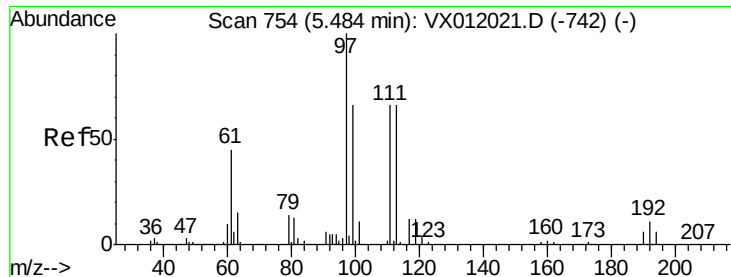


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

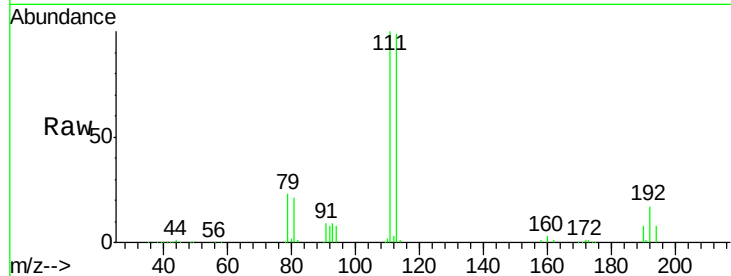




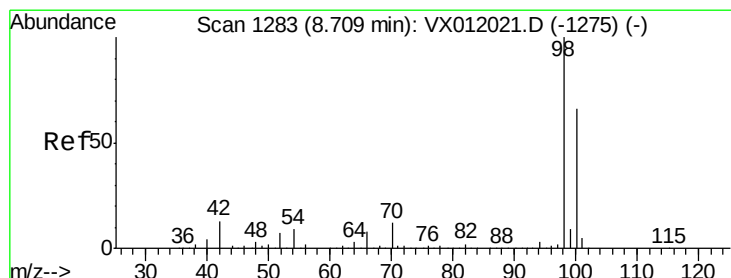
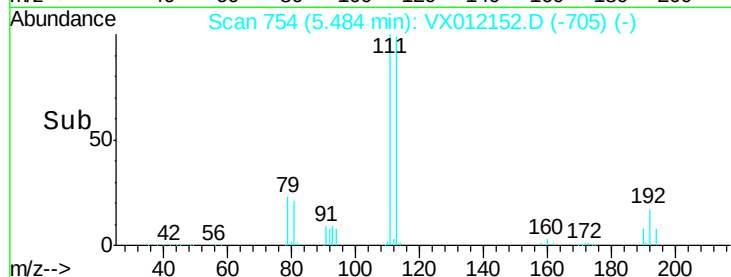
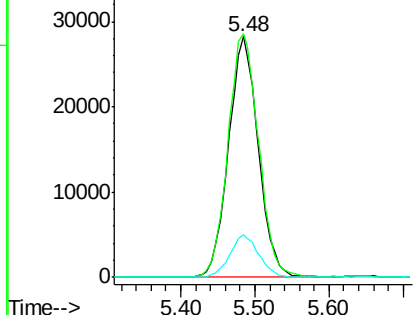
#35
 Dibromofluoromethane
 Concen: 48.331 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012152.D
 Acq: 06 Sep 2019 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-E3-(2.7)

Tot Ion:113 Resp: 78893
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.7 122.5
 192 17.2 22.5 33.7#

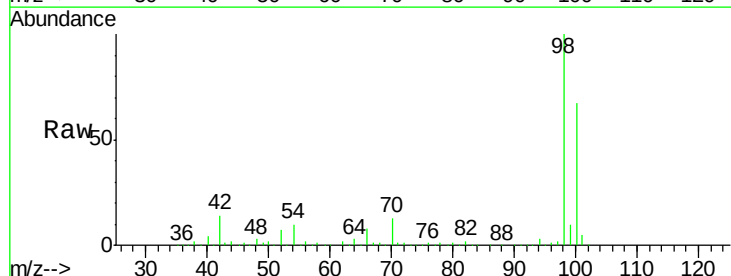


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

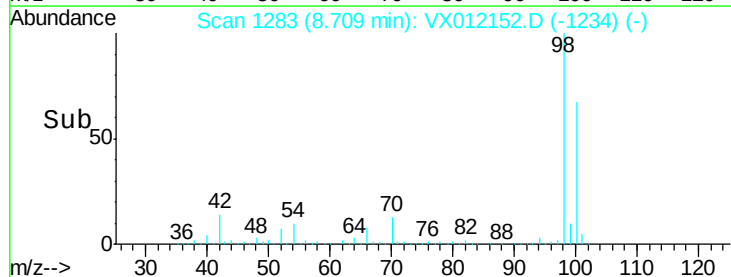
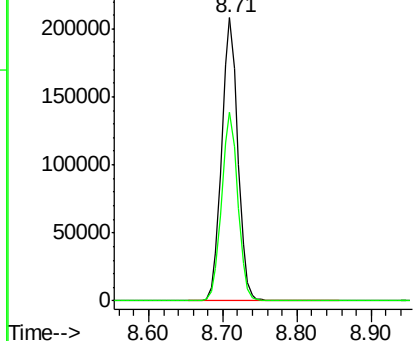


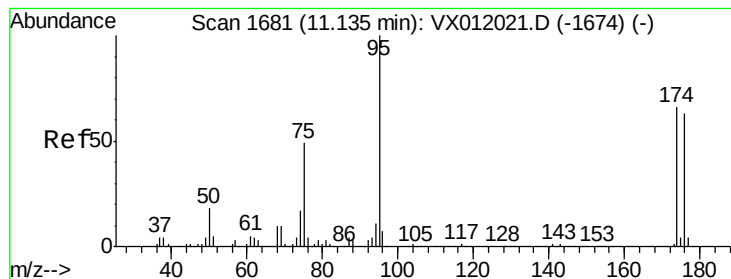
#50
 Toluene-d8
 Concen: 52.371 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012152.D
 Acq: 06 Sep 2019 17:05

Tgt Ion: 98 Resp: 313700
 Ion Ratio Lower Upper
 98 100
 100 66.9 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: 44.584 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012152.D

Acq: 06 Sep 2019 17:05

Instrument :

MSVOA_X

ClientSampleId :

T12-E3-(2.7)

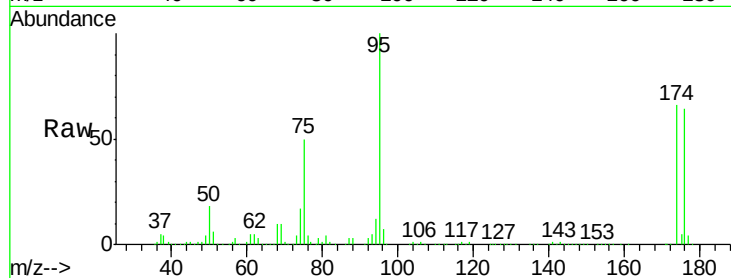
Tot Ion: 95 Resp: 124198

Ion Ratio Lower Upper

95 100

174 64.0 0.0 205.4

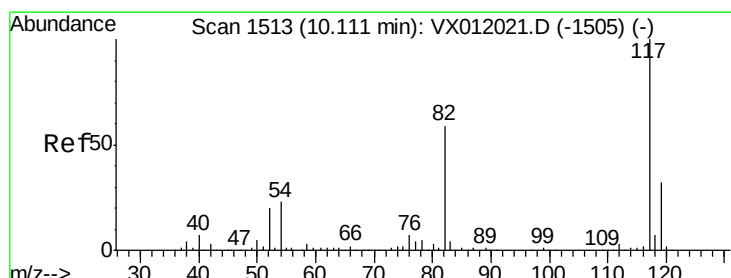
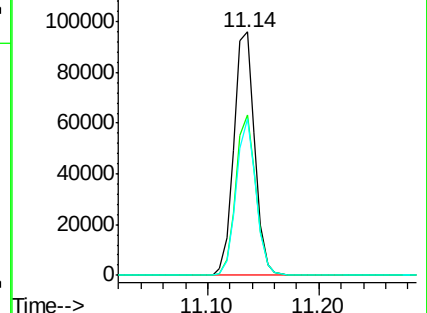
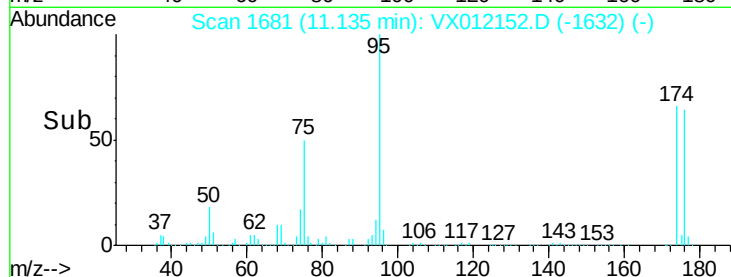
176 61.0 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012152.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012152.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012152.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012152.D

Acq: 06 Sep 2019 17:05

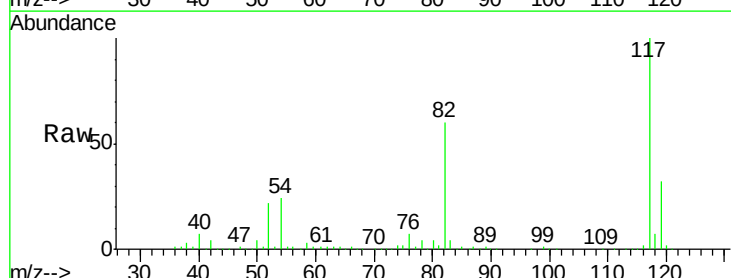
Tgt Ion: 117 Resp: 232823

Ion Ratio Lower Upper

117 100

82 59.8 39.4 59.0#

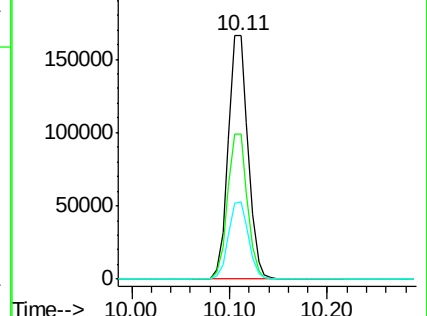
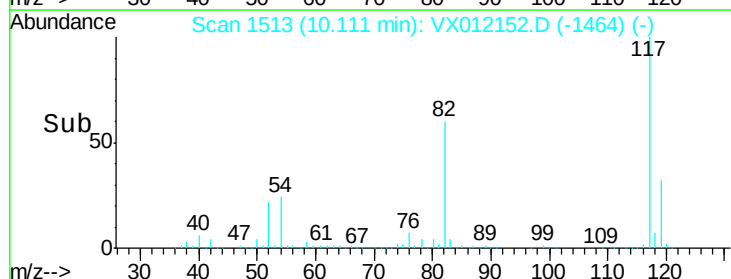
119 31.5 26.1 39.1

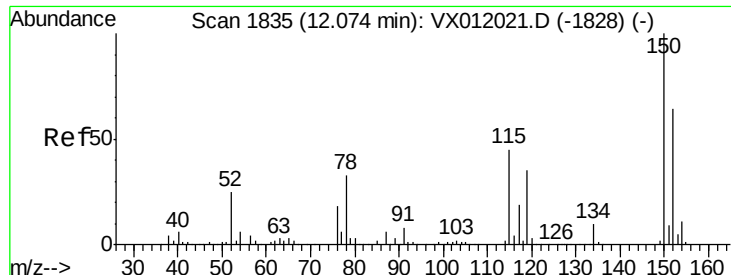


Abundance Ion 116.90 (116.60 to 117.60): VX012152.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012152.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012152.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: VX012152.D

Acq: 06 Sep 2019 17:05

Instrument :

MSVOA_X

ClientSampleId :

T12-E3-(2.7)

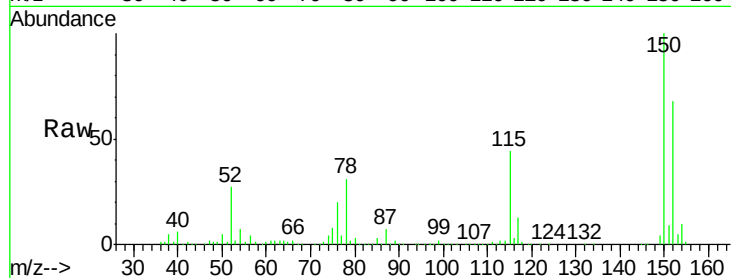
Tot Ion:152 Resp: 103344

Ion Ratio Lower Upper

152 100

115 65.4 36.4 109.3

150 152.3 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

