

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012086.D
 Acq On : 05 Sep 2019 08:01
 Operator : SY/SP
 Sample : K4548-04
 Misc : 6.05g/5.0mL/MSVOA X/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T8-S-G1-(2.5)

Quant Time: Sep 05 08:46:19 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

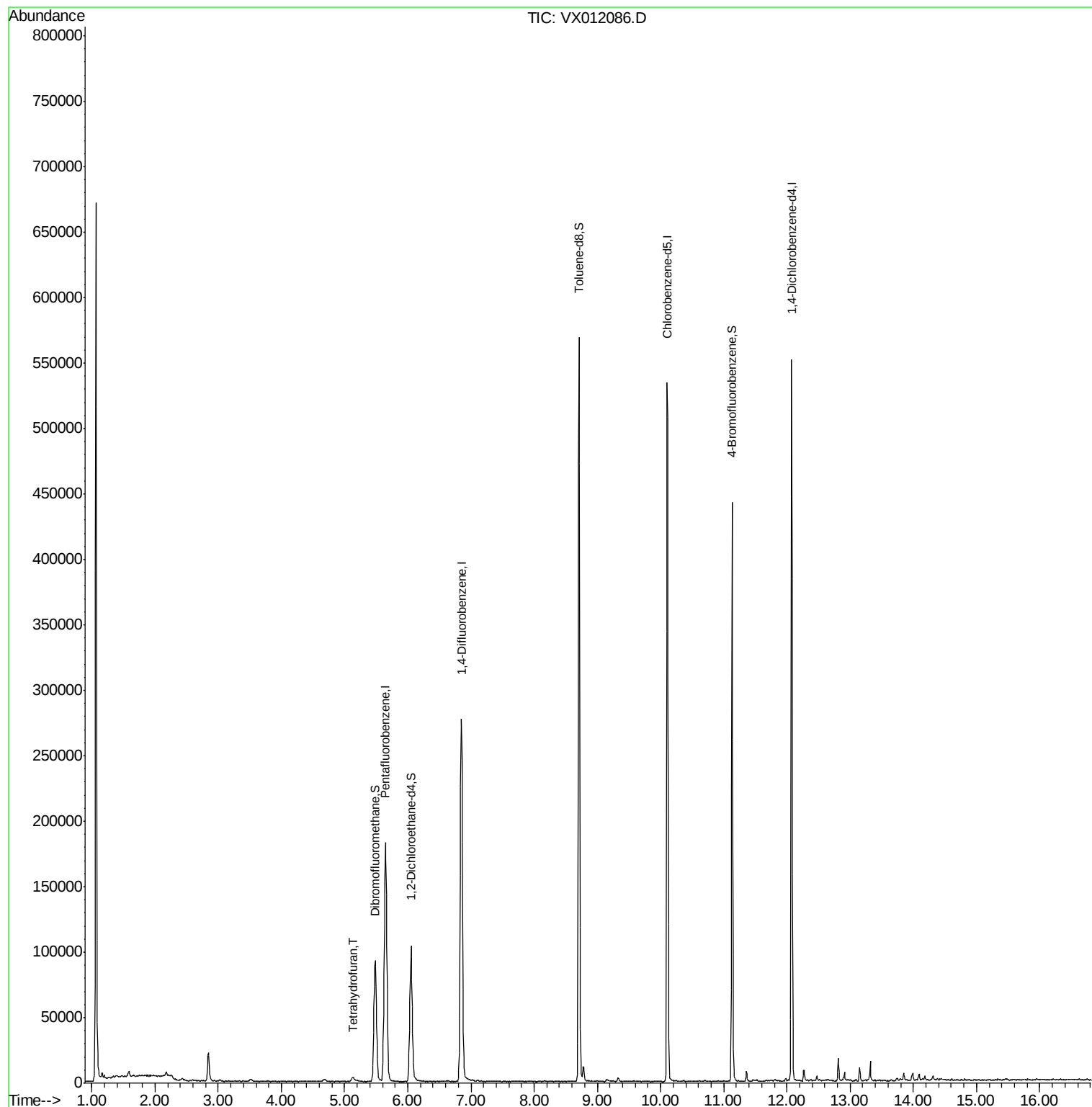
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	154677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	269395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	104002	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.48	113	78402	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	8.71	98	318153	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	11.14	95	125968	44.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.10%	
Target Compounds						
29) Tetrahydrofuran	5.14	42	3583	9.158	ug/l	Qvalue 95

(#) = 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

Lab File: VX012086.D

Acq: 05 Sep 2019 08:01

Instrument :

MSVOA_X

ClientSampleId :

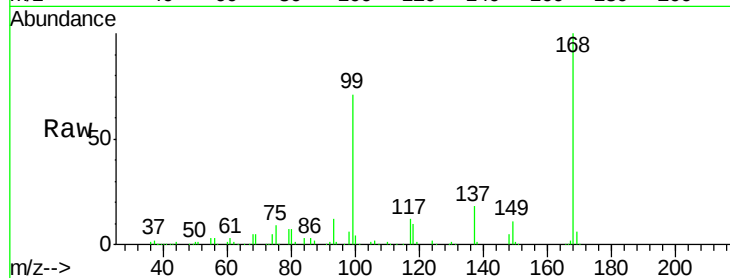
T8-S-G1-(2.5)

Tot Ion:168 Resp: 154677

Ion Ratio Lower Upper

168 100

99 71.1 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

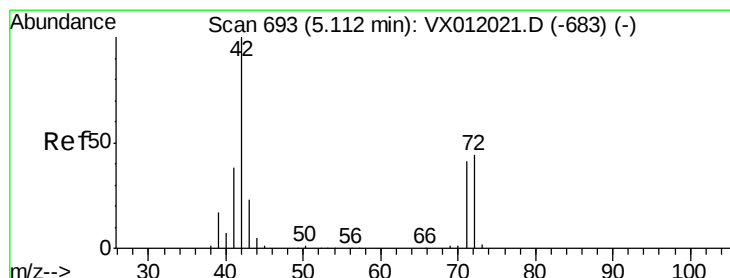
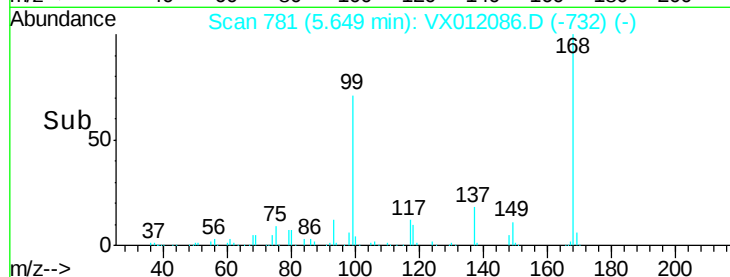
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 9.158 ug/l

RT: 5.14 min Scan# 697

Delta R.T. 0.02 min

Lab File: VX012086.D

Acq: 05 Sep 2019 08:01

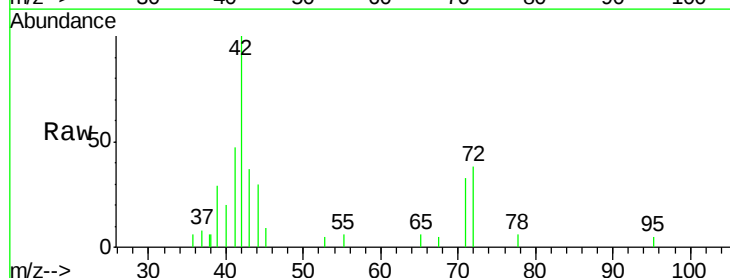
Tgt Ion: 42 Resp: 3583

Ion Ratio Lower Upper

42 100

72 42.4 37.0 55.4

71 39.0 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

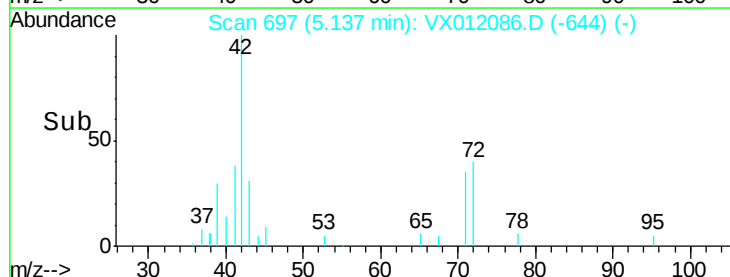
1000

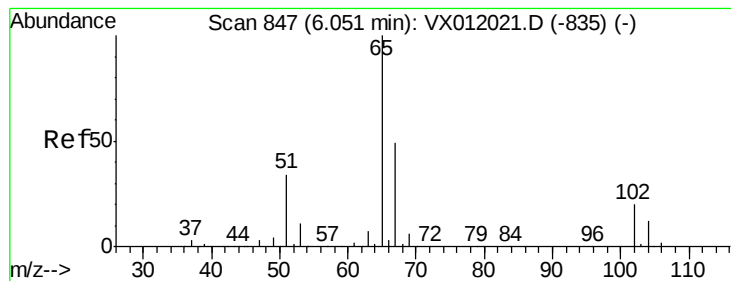
500

0

Time-->

5.00 5.10 5.20





#33

1,2-Dichloroethane-d4

Concen: 48.730 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012086.D

Acq: 05 Sep 2019 08:01

Instrument :

MSVOA_X

ClientSampleId :

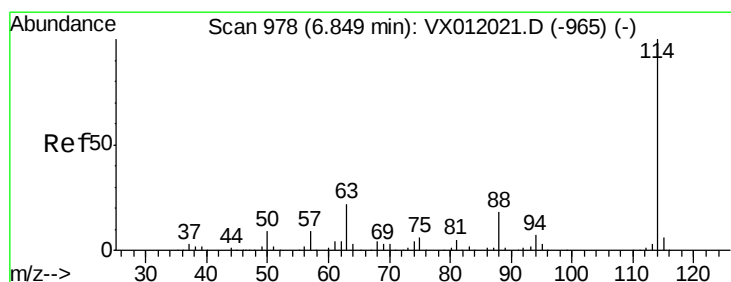
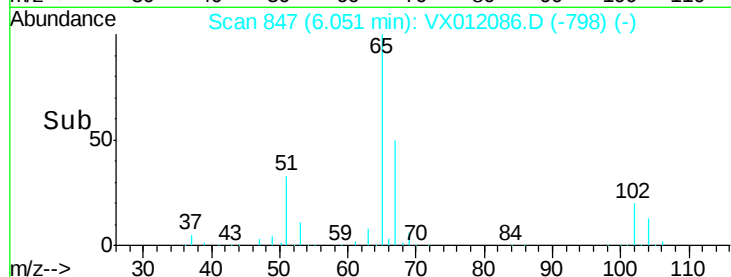
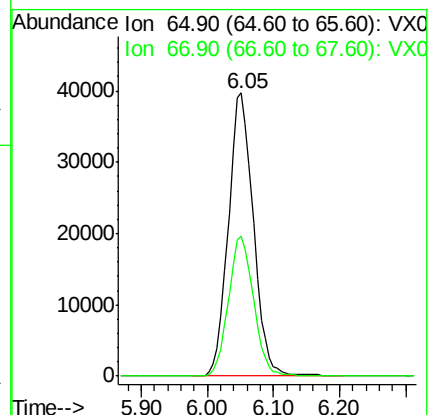
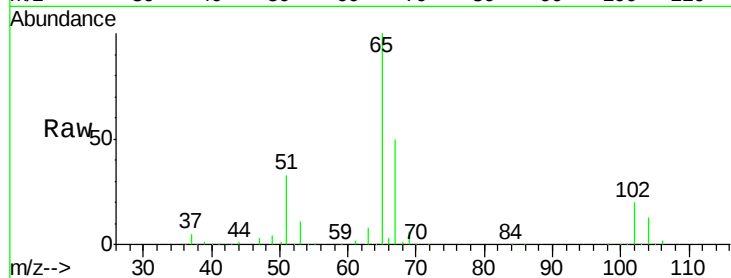
T8-S-G1-(2.5)

Tot Ion: 65 Resp: 104002

Ion Ratio Lower Upper

65 100

67 49.5 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: VX012086.D

Acq: 05 Sep 2019 08:01

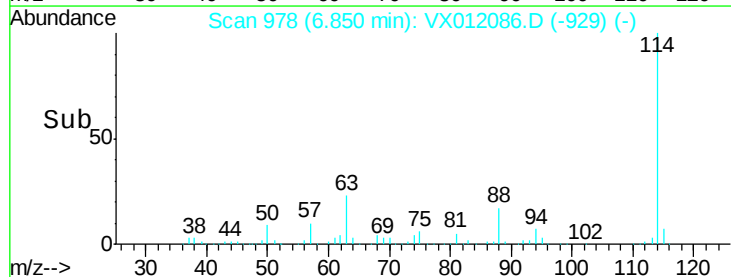
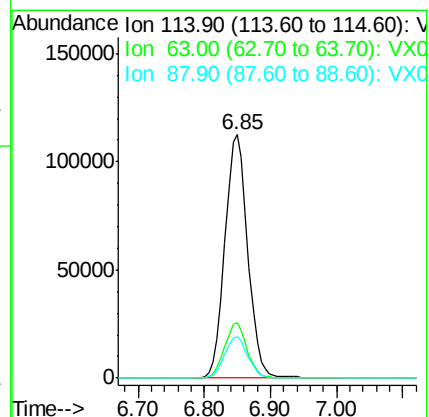
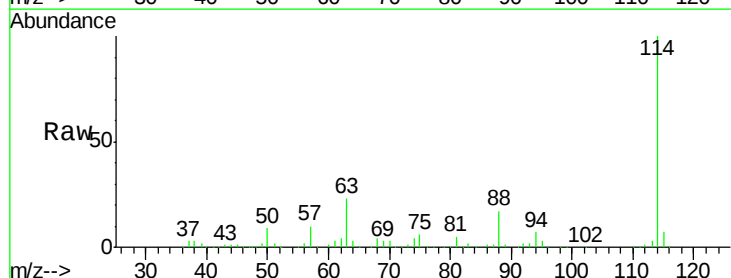
Tgt Ion: 114 Resp: 269395

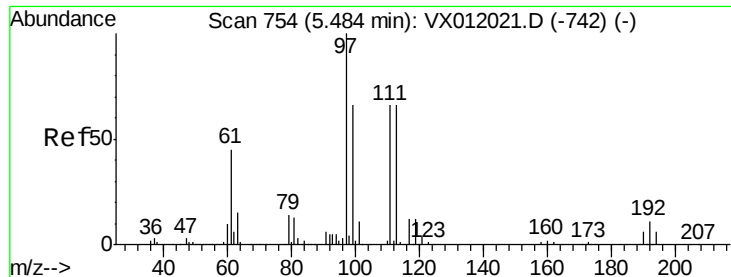
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.4

88 17.0 0.0 29.6

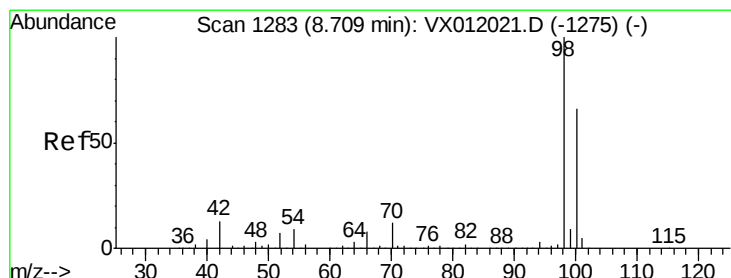
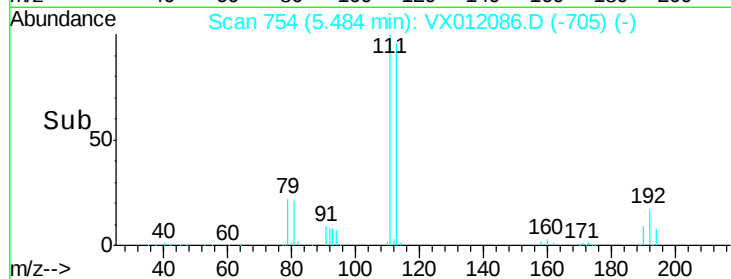
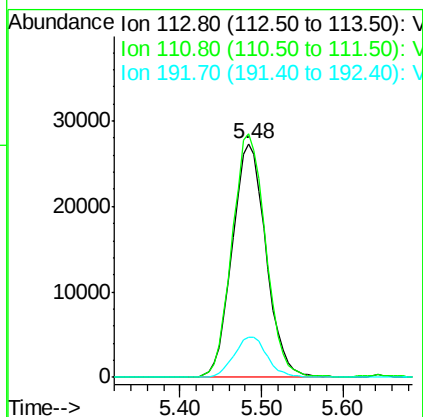
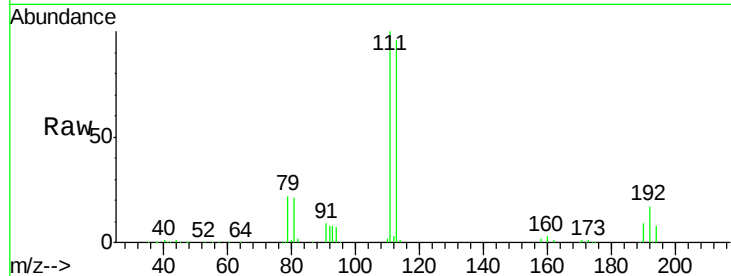




#35
 Dibromofluoromethane
 Concen: 47.324 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012086.D
 Acq: 05 Sep 2019 08:01

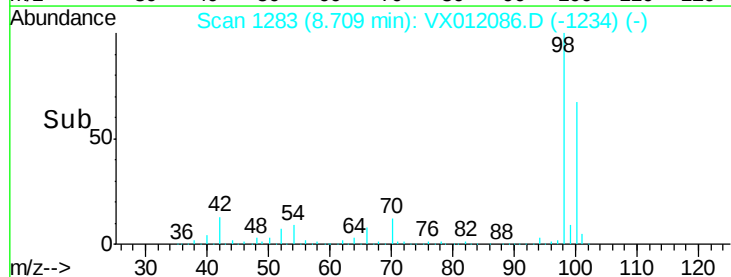
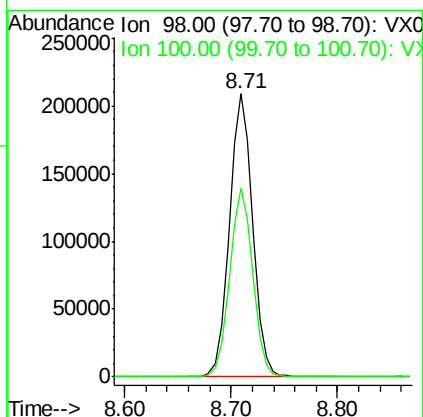
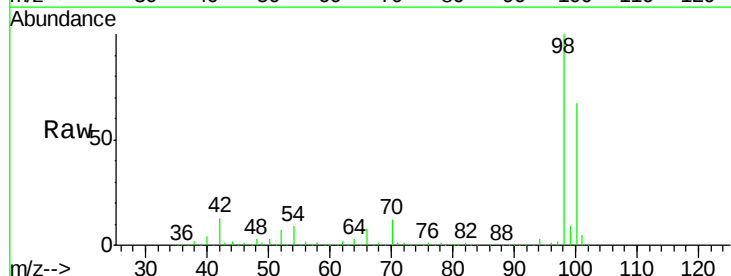
Instrument :
 MSVOA_X
 ClientSampleId :
 T8-S-G1-(2.5)

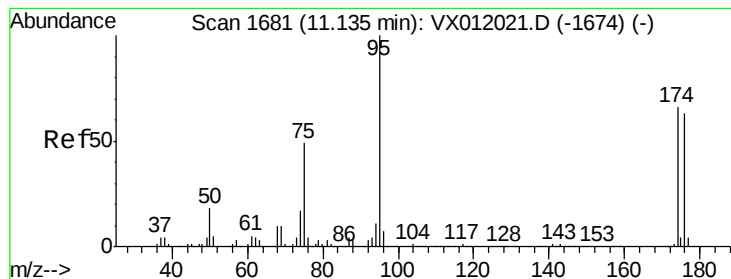
Tot Ion:113 Resp: 78402
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.7 122.5
 192 17.1 22.5 33.7#



#50
 Toluene-d8
 Concen: 52.333 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012086.D
 Acq: 05 Sep 2019 08:01

Tgt Ion: 98 Resp: 318153
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 44.555 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012086.D

Acq: 05 Sep 2019 08:01

Instrument :

MSVOA_X

ClientSampleId :

T8-S-G1-(2.5)

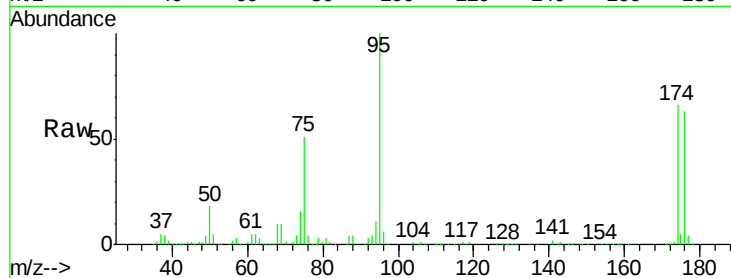
Tot Ion: 95 Resp: 125968

Ion Ratio Lower Upper

95 100

174 64.5 0.0 205.4

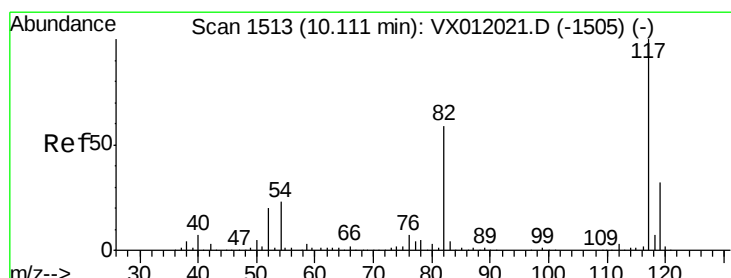
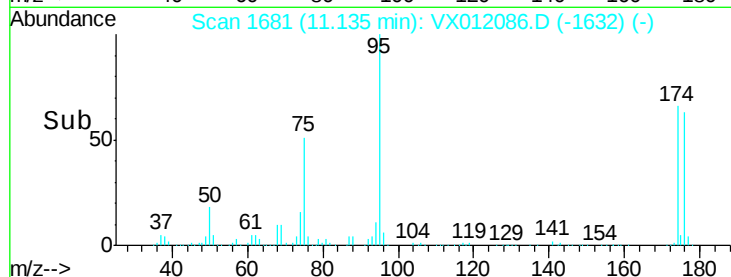
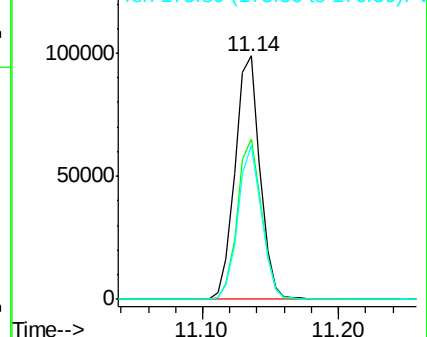
176 60.3 0.0 201.8



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# 1512

Delta R.T. -0.01 min

Lab File: VX012086.D

Acq: 05 Sep 2019 08:01

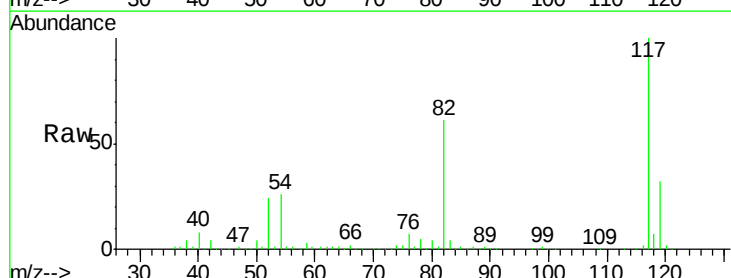
Tgt Ion: 117 Resp: 231741

Ion Ratio Lower Upper

117 100

82 60.7 39.4 59.0#

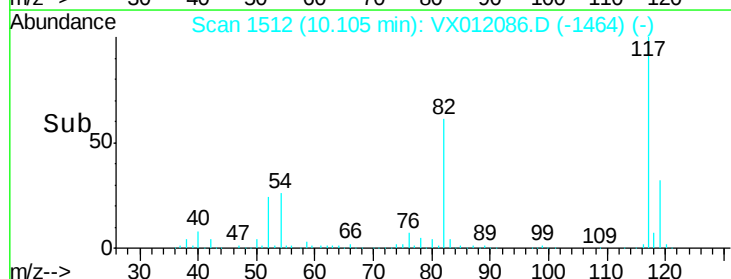
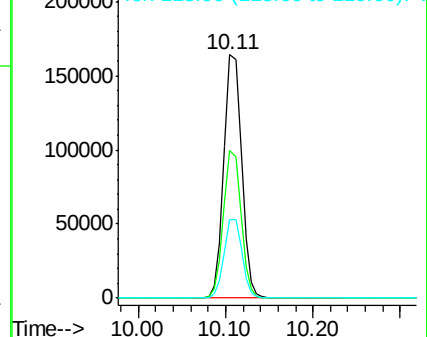
119 32.2 26.1 39.1

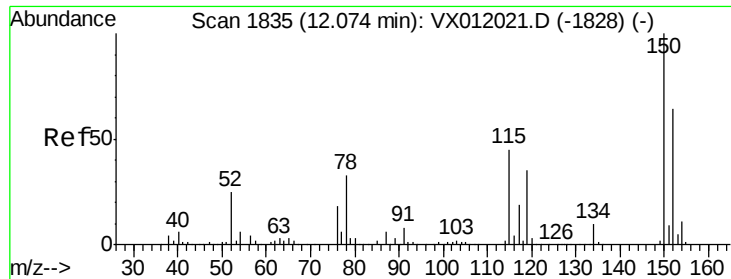


Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

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

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

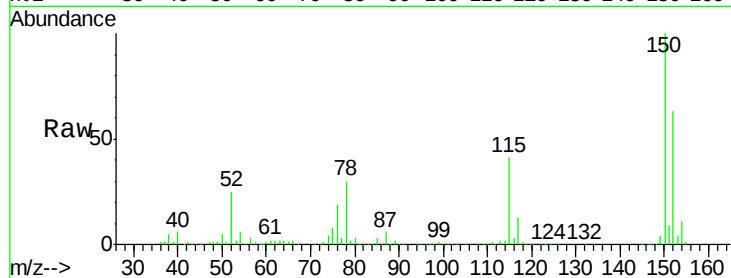




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012086.D
 Acq: 05 Sep 2019 08:01

Instrument :
 MSVOA_X
 ClientSampleId :
 T8-S-G1-(2.5)

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.9	36.4	109.3
150	157.6	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

