

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012076.D
 Acq On : 05 Sep 2019 03:21
 Operator : SY/SP
 Sample : K4546-17
 Misc : 4.66g/5.0mL/MSVOA X/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B3-(0)

Quant Time: Sep 05 06:33:11 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

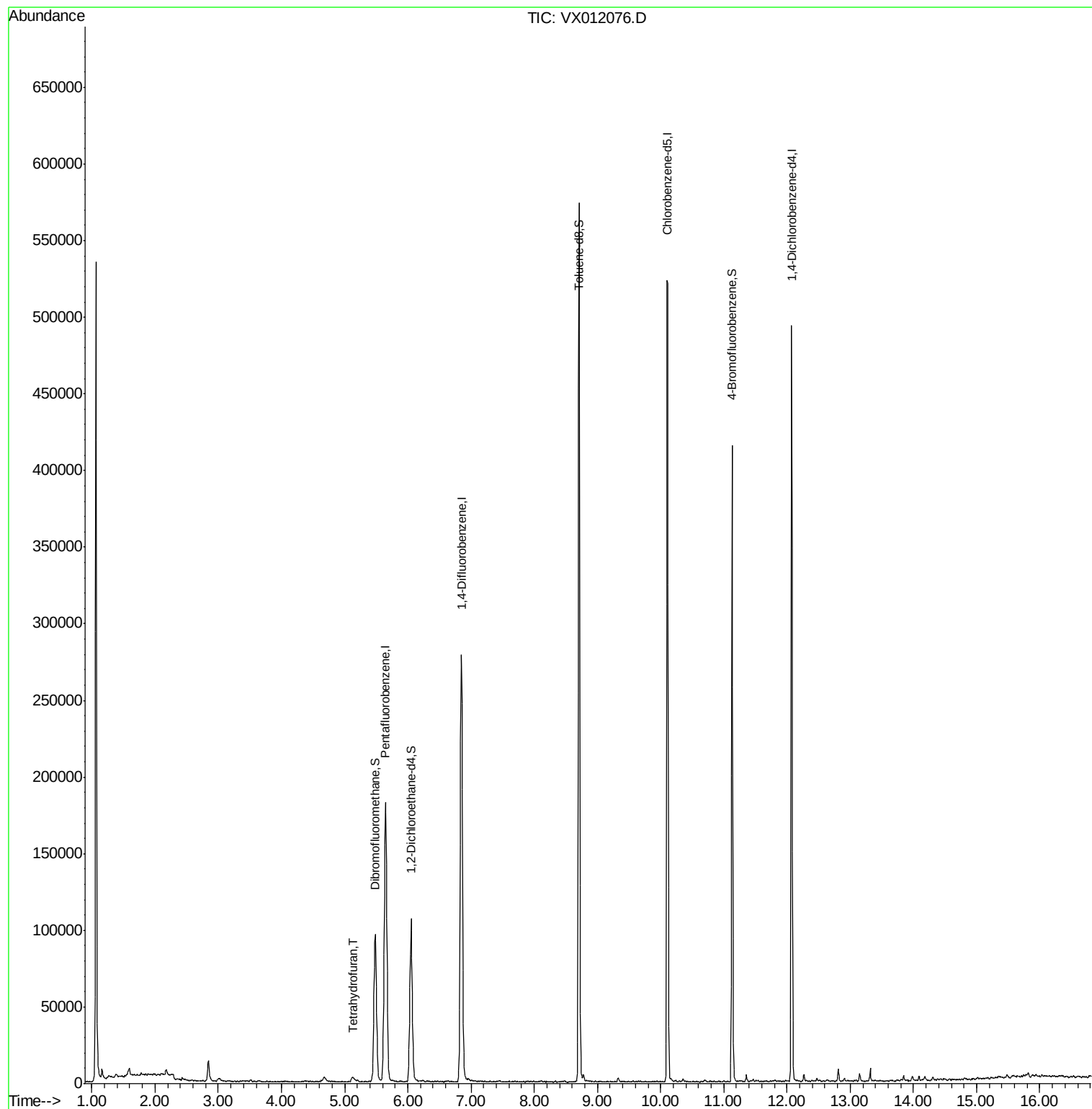
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	155452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	270188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	227007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	104939	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
35) Dibromofluoromethane	5.48	113	81136	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	8.71	98	318578	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.14	95	118273	41.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.42%	
Target Compounds						
29) Tetrahydrofuran	5.13	42	2490	6.333	ug/l #	Qvalue 85

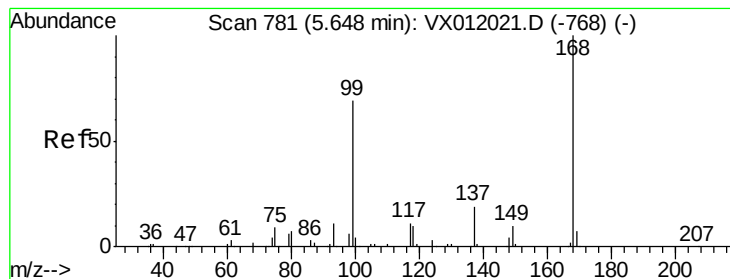
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 782

Delta R.T. 0.01 min

Lab File: VX012076.D

Acq: 05 Sep 2019 03:21

Instrument :

MSVOA_X

ClientSampled :

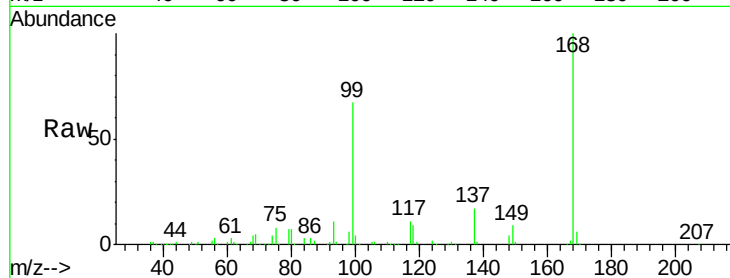
T3-S-B3-(0)

Tot Ion:168 Resp: 155452

Ion Ratio Lower Upper

168 100

99 67.2 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

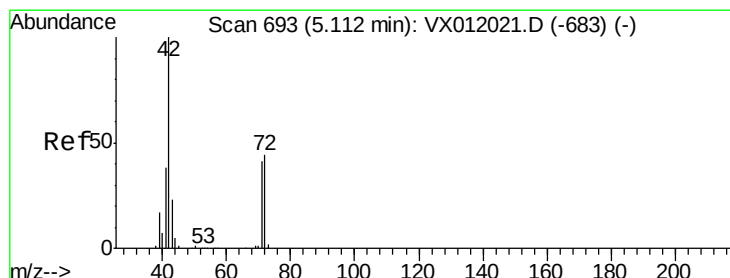
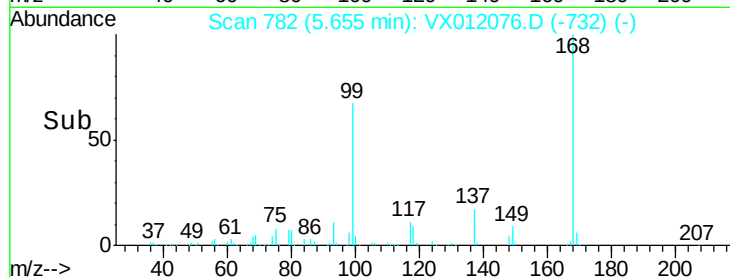
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 6.333 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012076.D

Acq: 05 Sep 2019 03:21

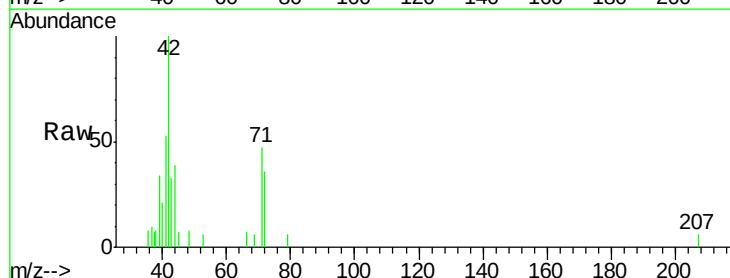
Tgt Ion: 42 Resp: 2490

Ion Ratio Lower Upper

42 100

72 51.7 37.0 55.4

71 56.6 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

1200

1000

800

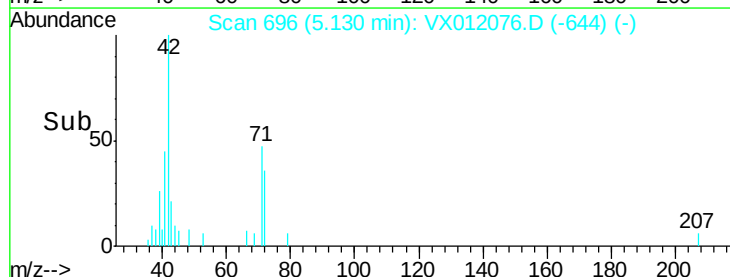
600

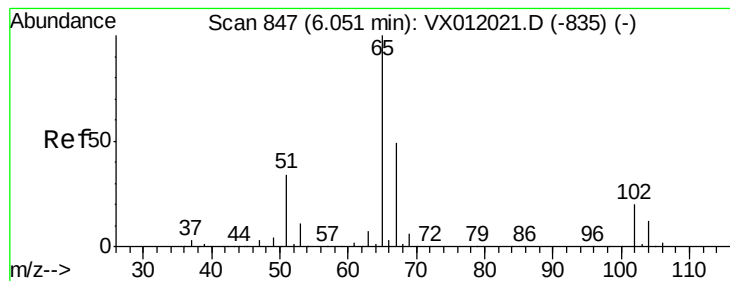
400

200

0

Time--> 5.05 5.10 5.15 5.20





#33

1,2-Dichloroethane-d4

Concen: 48.924 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012076.D

Acq: 05 Sep 2019 03:21

Instrument :

MSVOA_X

ClientSampleId :

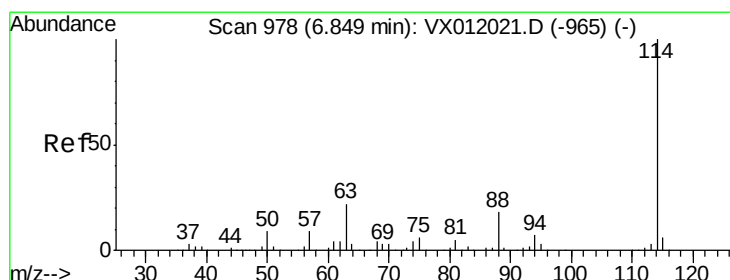
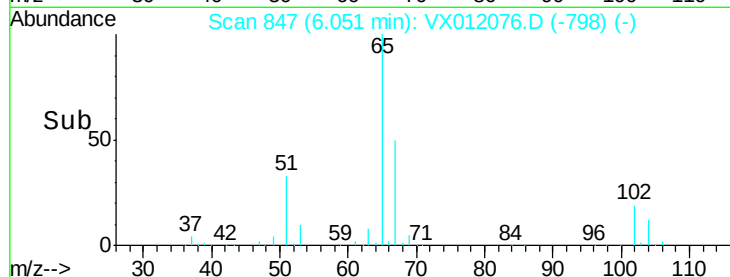
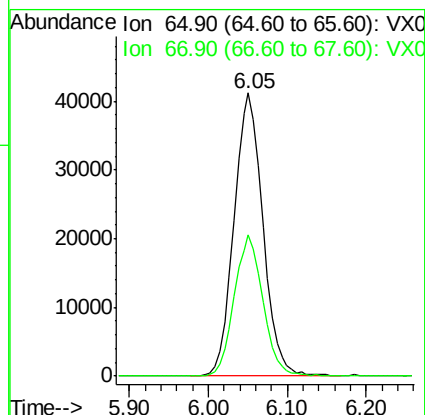
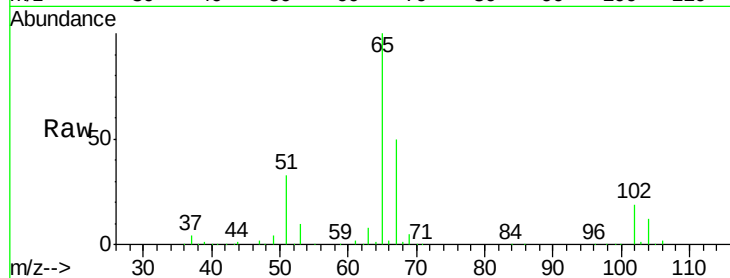
T3-S-B3-(0)

Tot Ion: 65 Resp: 104939

Ion Ratio Lower Upper

65 100

67 49.7 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: VX012076.D

Acq: 05 Sep 2019 03:21

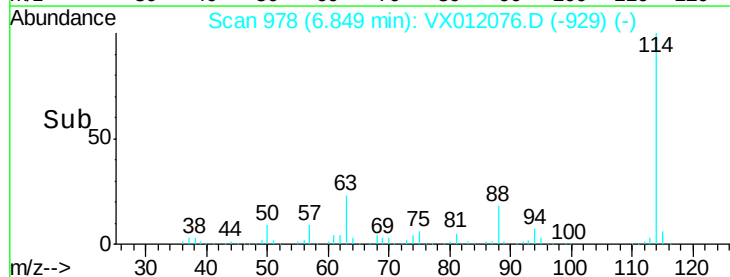
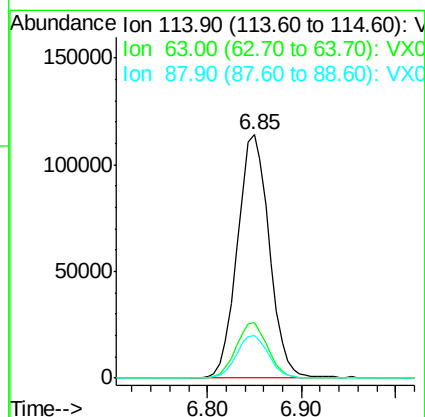
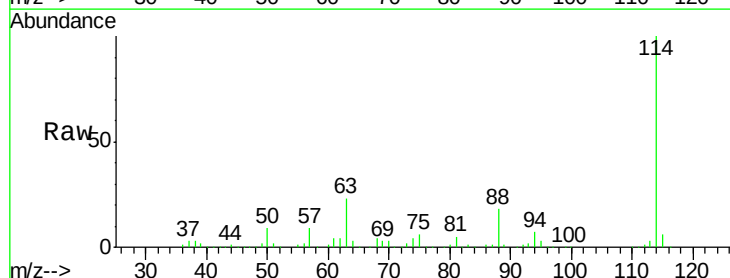
Tgt Ion: 114 Resp: 270188

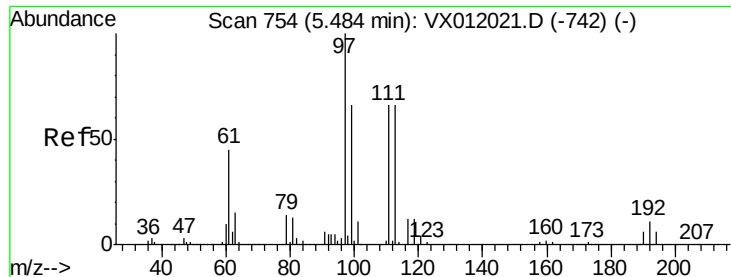
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.4

88 17.7 0.0 29.6

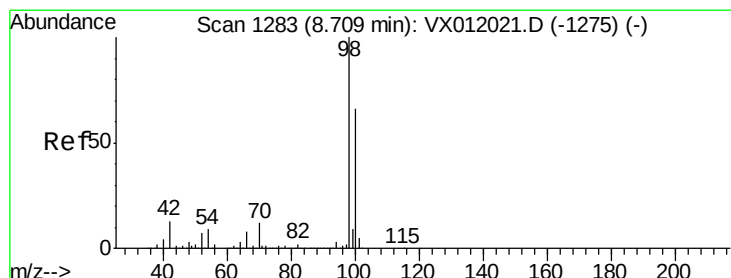
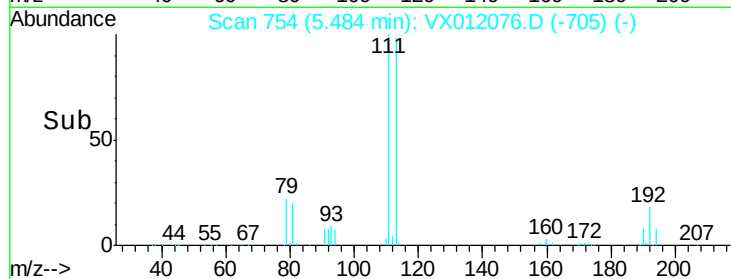
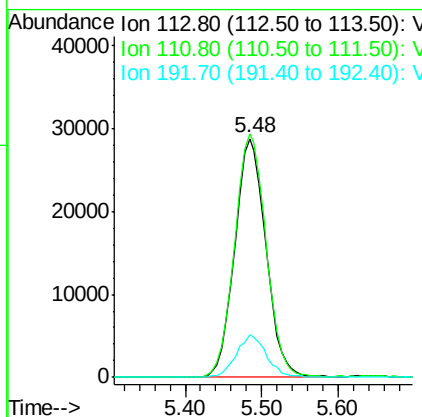
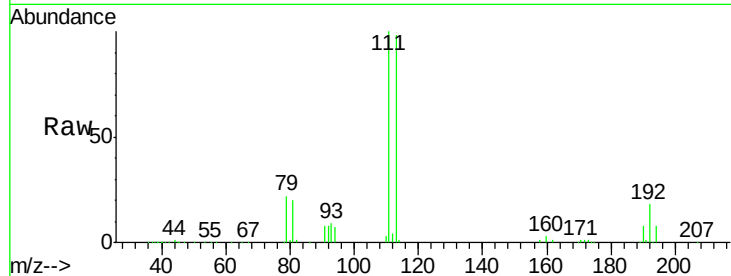




#35
 Dibromofluoromethane
 Concen: 48.831 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012076.D
 Acq: 05 Sep 2019 03:21

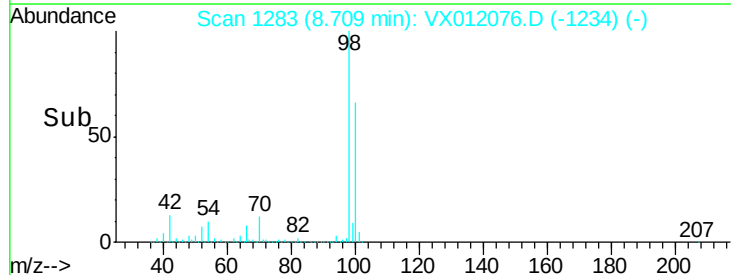
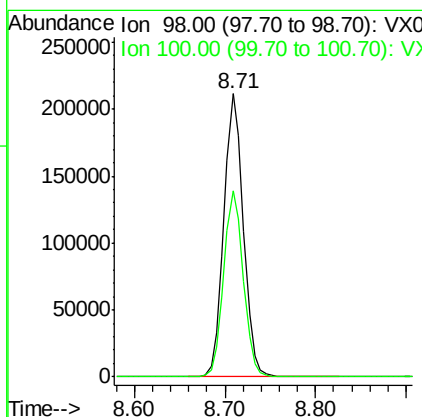
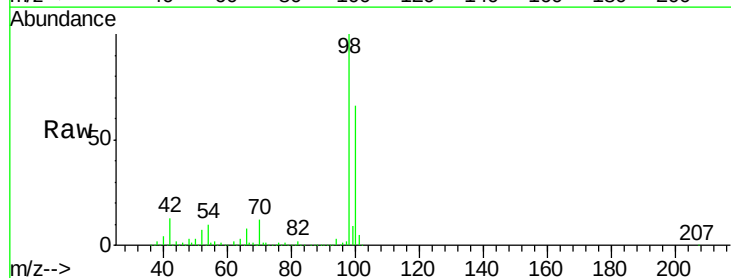
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-B3-(0)

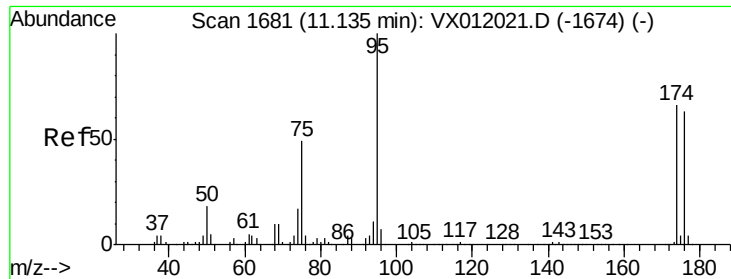
Tot Ion:113 Resp: 81136
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.7 122.5
 192 17.2 22.5 33.7#



#50
 Toluene-d8
 Concen: 52.250 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012076.D
 Acq: 05 Sep 2019 03:21

Tgt Ion: 98 Resp: 318578
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.3 79.9

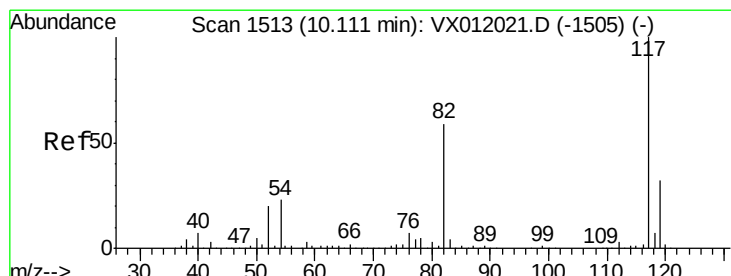
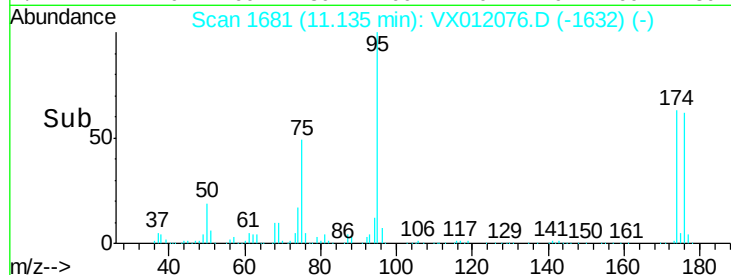
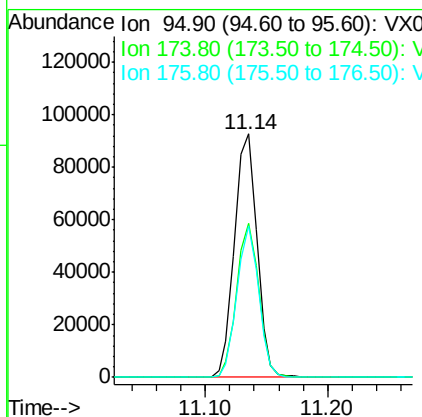
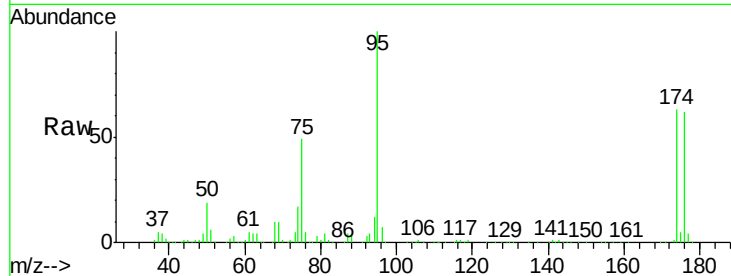




#62
4-Bromofluorobenzene
Concen: 41.710 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012076.D
Acq: 05 Sep 2019 03:21

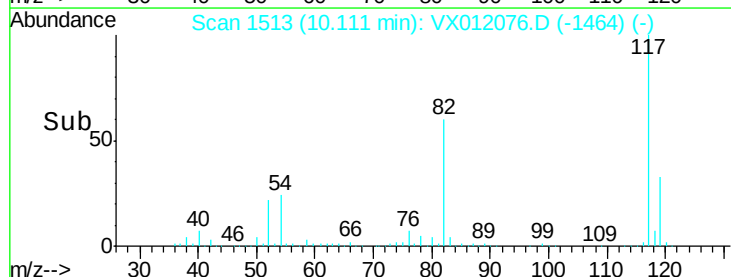
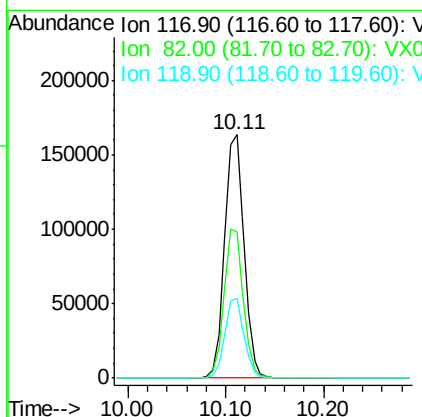
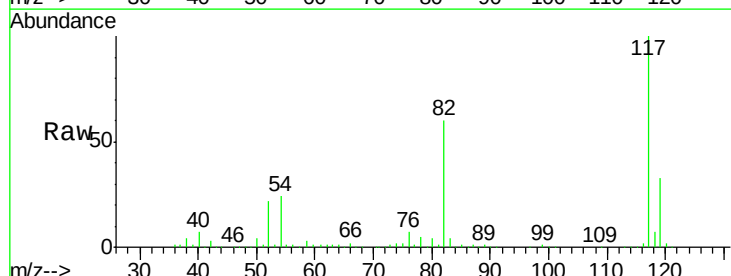
Instrument :
MSVOA_X
ClientSampleId :
T3-S-B3-(0)

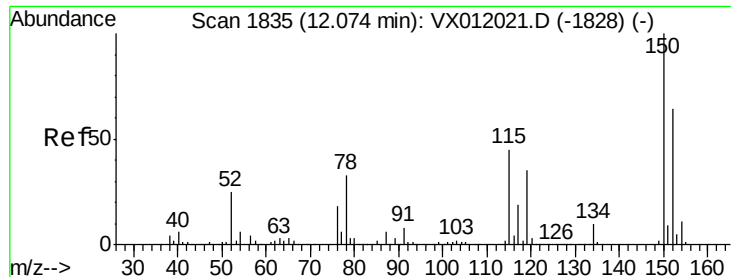
Tot Ion: 95 Resp: 118273
Ion Ratio Lower Upper
95 100
174 62.4 0.0 205.4
176 60.0 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012076.D
Acq: 05 Sep 2019 03:21

Tgt Ion: 117 Resp: 227007
Ion Ratio Lower Upper
117 100
82 59.8 39.4 59.0#
119 33.0 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012076.D

Acq: 05 Sep 2019 03:21

Instrument :

MSVOA_X

ClientSampleId :

T3-S-B3-(0)

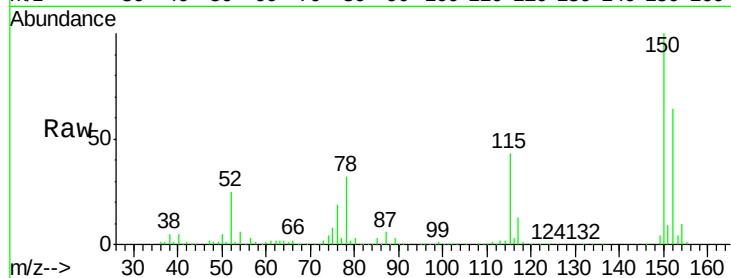
Tot Ion:152 Resp: 88847

Ion Ratio Lower Upper

152 100

115 67.4 36.4 109.3

150 159.9 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

