

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012128.D
 Acq On : 06 Sep 2019 05:11
 Operator : SY/SP
 Sample : K4580-02
 Misc : 3.77g/5.0mL/MSVOA X/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-A4-(3.5)

Quant Time: Sep 06 07:35:04 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

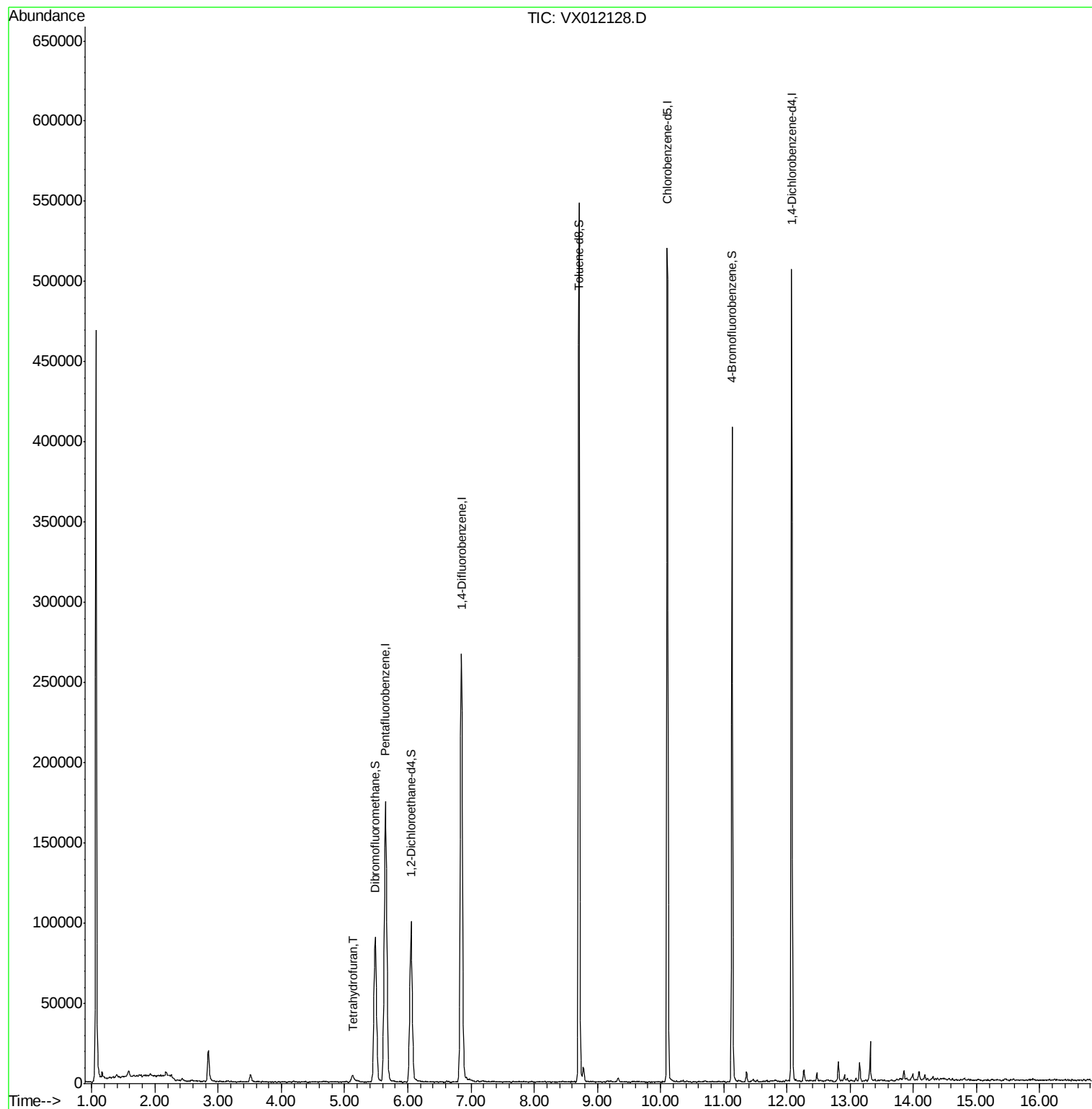
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	146344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	255755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	221122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	101222	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
35) Dibromofluoromethane	5.48	113	76543	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
50) Toluene-d8	8.71	98	304945	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
62) 4-Bromofluorobenzene	11.14	95	119880	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
Target Compounds						
29) Tetrahydrofuran	5.14	42	3864	10.439	ug/l	Qvalue 97

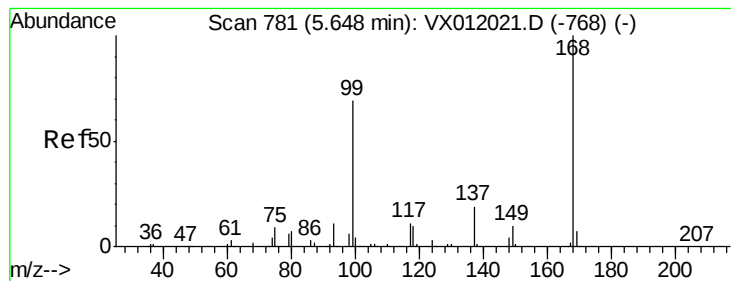
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012128.D

Acq: 06 Sep 2019 05:11

Instrument :

MSVOA_X

ClientSampleId :

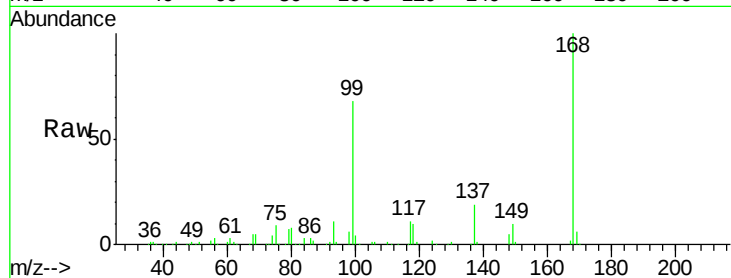
T12-A4-(3.5)

Tot Ion:168 Resp: 146344

Ion Ratio Lower Upper

168 100

99 68.0 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

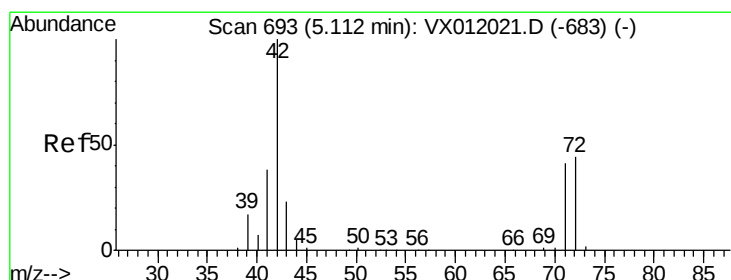
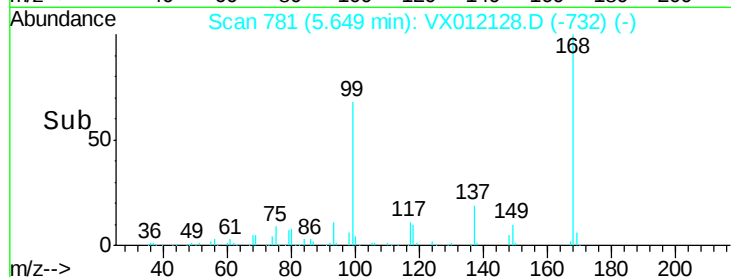
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 10.439 ug/l

RT: 5.14 min Scan# 697

Delta R.T. 0.02 min

Lab File: VX012128.D

Acq: 06 Sep 2019 05:11

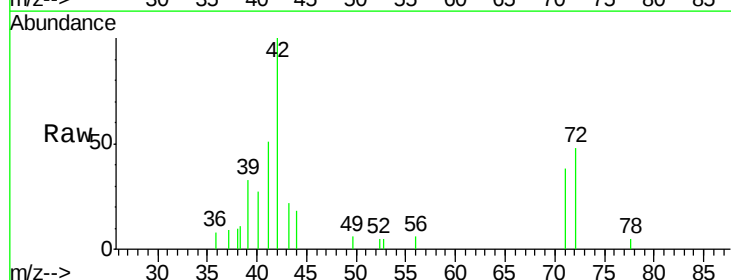
Tgt Ion: 42 Resp: 3864

Ion Ratio Lower Upper

42 100

72 42.9 37.0 55.4

71 41.4 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

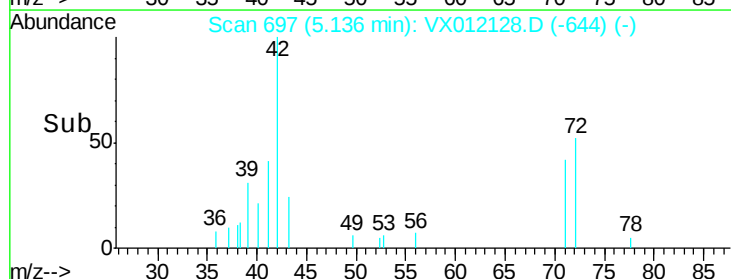
1500

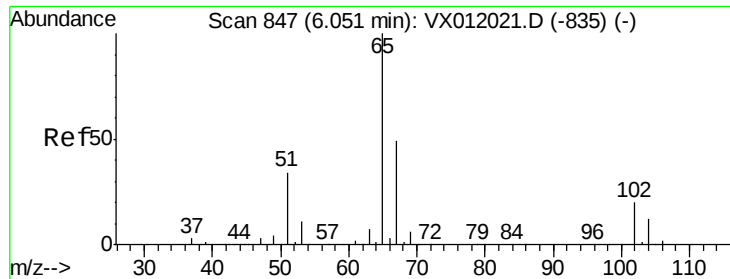
1000

500

0

Time--> 5.00 5.10 5.20

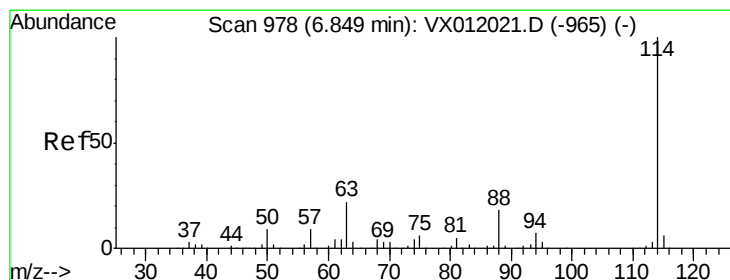
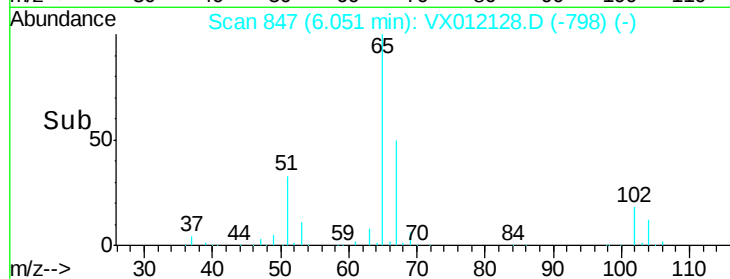
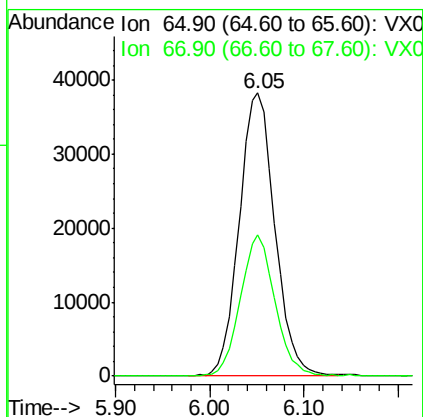
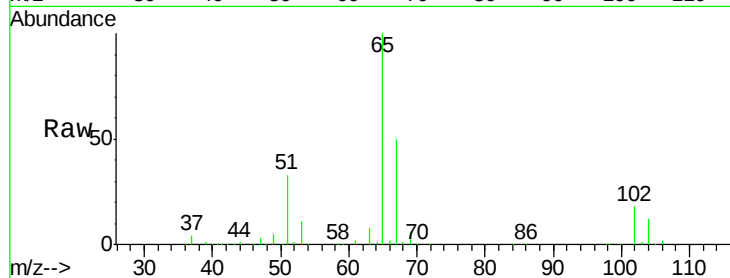




#33
 1,2-Dichloroethane-d4
 Concen: 50.128 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012128.D
 Acq: 06 Sep 2019 05:11

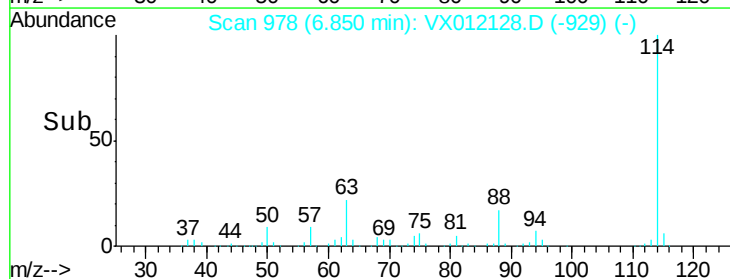
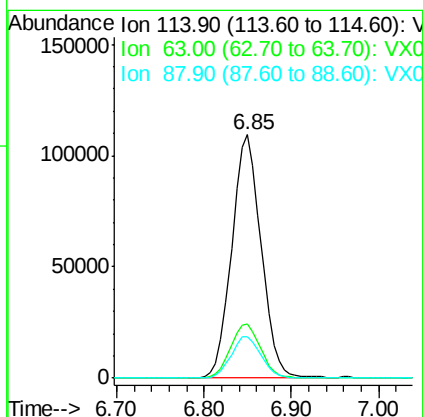
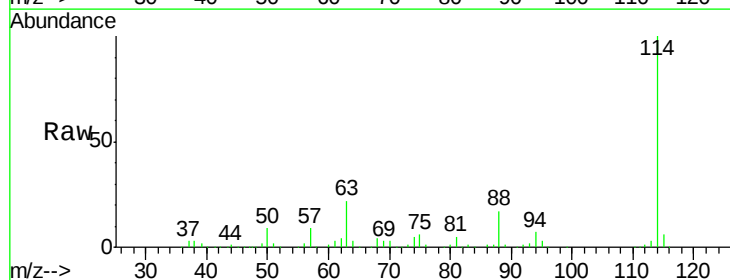
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-A4-(3.5)

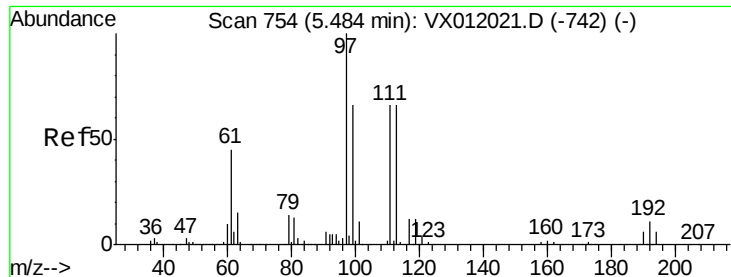
Tot Ion: 65 Resp: 101222
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012128.D
 Acq: 06 Sep 2019 05:11

Tgt Ion: 114 Resp: 255755
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 37.4
 88 16.9 0.0 29.6

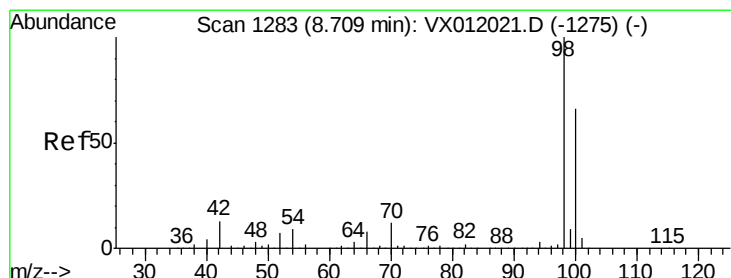
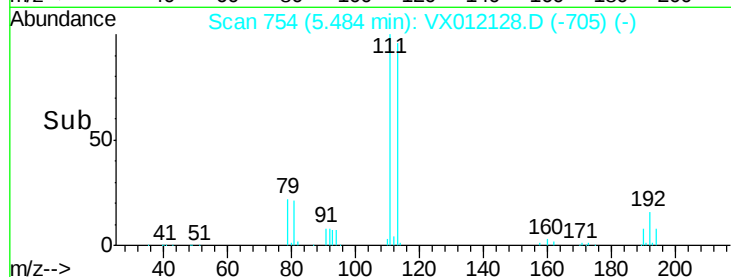
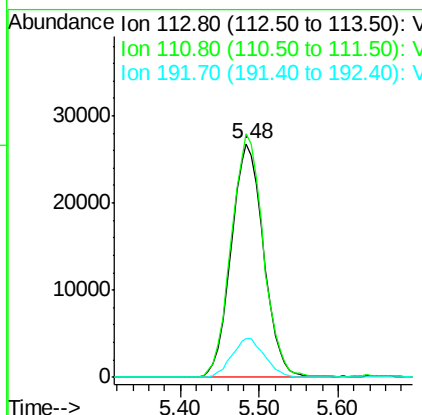
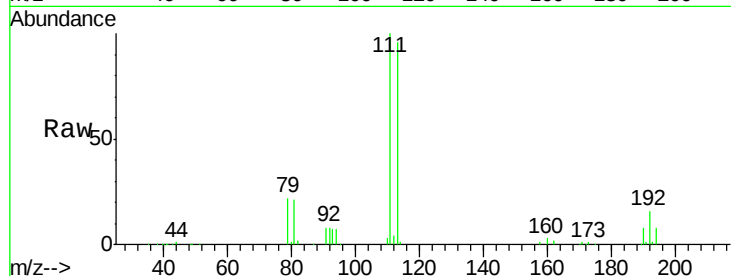




#35
 Dibromofluoromethane
 Concen: 48.666 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012128.D
 Acq: 06 Sep 2019 05:11

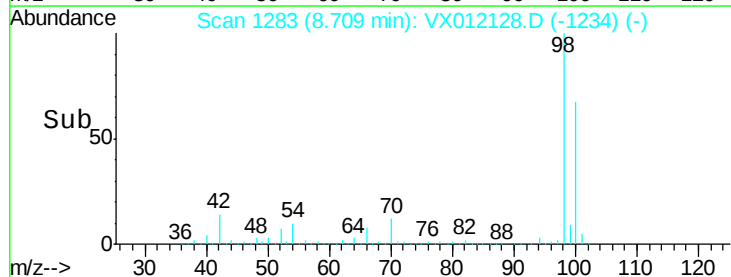
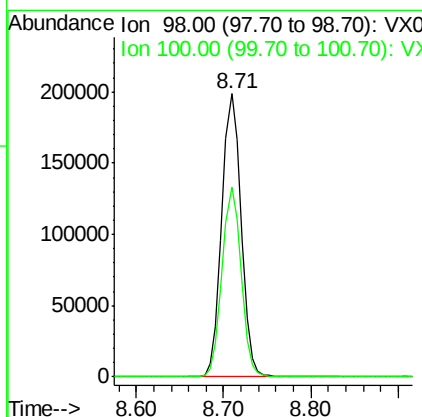
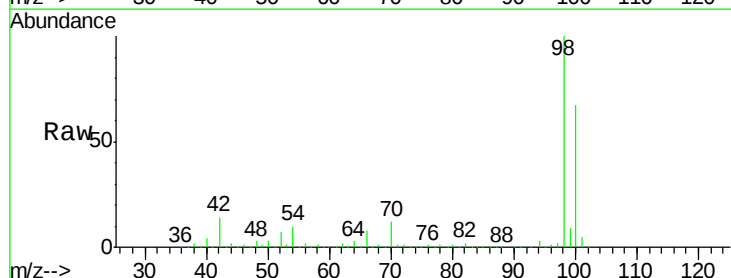
Instrument :
 MSVOA_X
 ClientSampleId :
 T12-A4-(3.5)

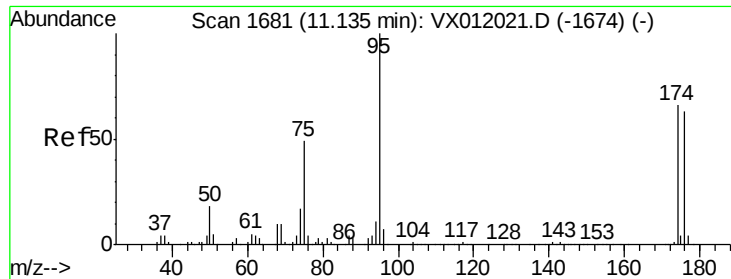
Tot Ion:113 Resp: 76543
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.7 122.5
 192 17.0 22.5 33.7#



#50
 Toluene-d8
 Concen: 52.836 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012128.D
 Acq: 06 Sep 2019 05:11

Tgt Ion: 98 Resp: 304945
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.3 79.9

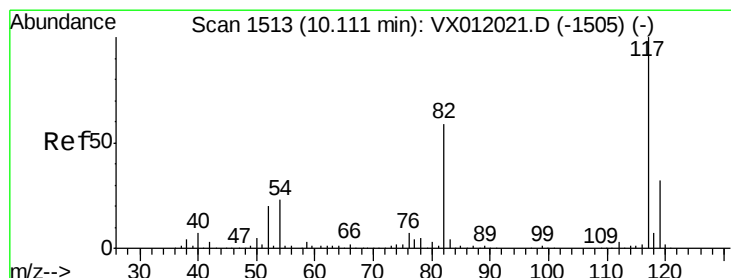
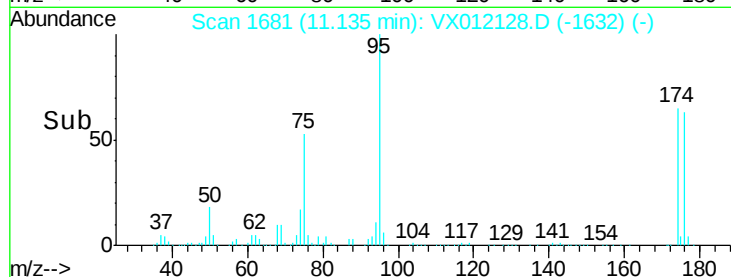
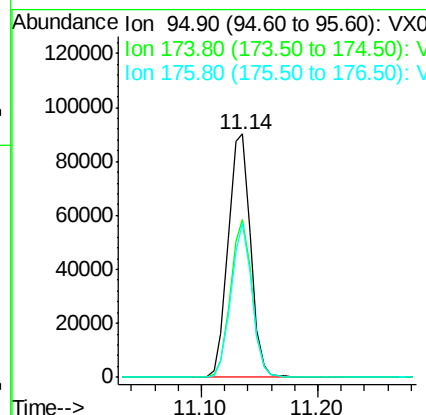
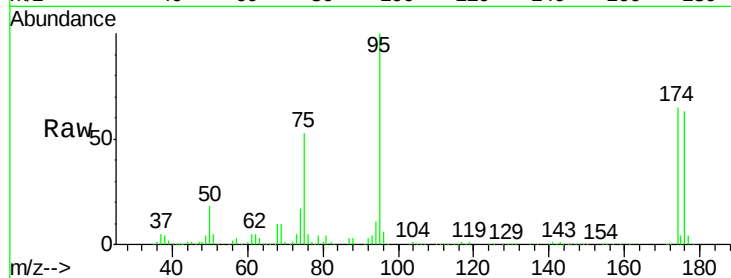




#62
4-Bromofluorobenzene
Concen: 44.663 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012128.D
Acq: 06 Sep 2019 05:11

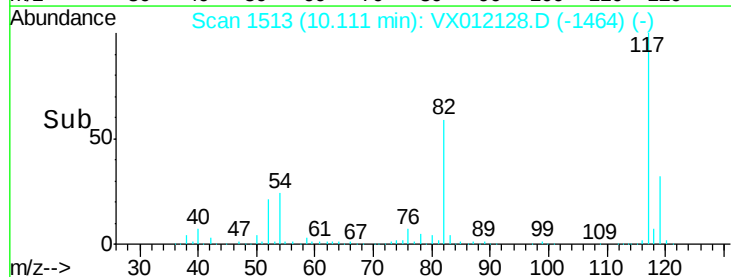
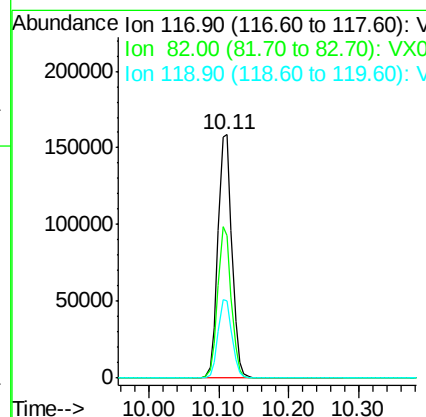
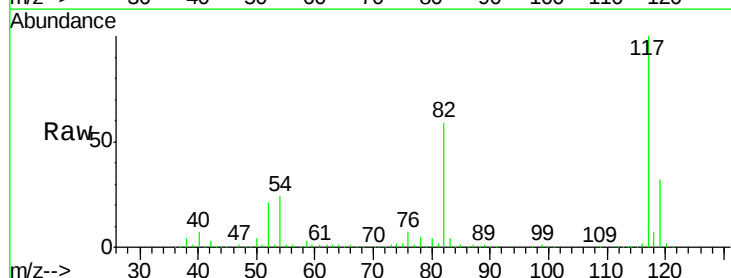
Instrument :
MSVOA_X
ClientSampleId :
T12-A4-(3.5)

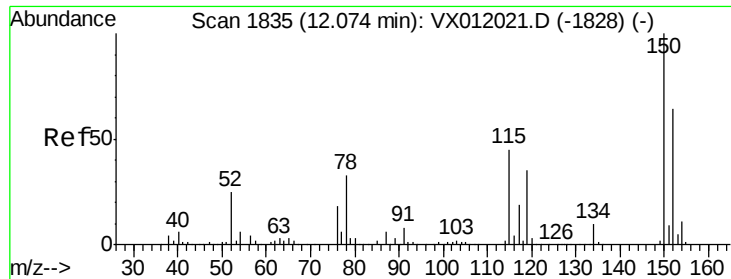
Tot Ion: 95 Resp: 119880
Ion Ratio Lower Upper
95 100
174 62.3 0.0 205.4
176 59.6 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012128.D
Acq: 06 Sep 2019 05:11

Tgt Ion: 117 Resp: 221122
Ion Ratio Lower Upper
117 100
82 58.7 39.4 59.0
119 31.6 26.1 39.1



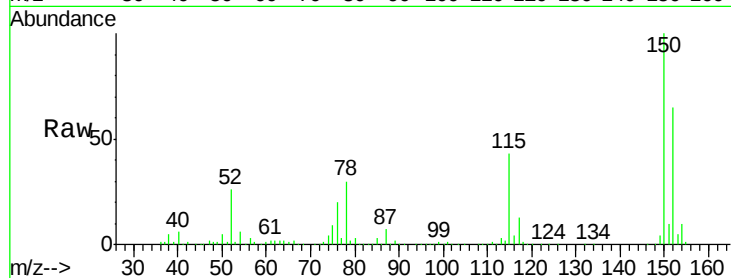


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012128.D
 Acq: 06 Sep 2019 05:11

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-A4-(3.5)

Tot Ion:152 Resp: 92060
 Ion Ratio Lower Upper
 152 100
 115 67.2 36.4 109.3
 150 155.2 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

