

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012108.D
 Acq On : 05 Sep 2019 18:34
 Operator : SY/SP
 Sample : K4545-07
 Misc : 3.56g/5.0mL/MSVOA X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E4-(2.25)

Quant Time: Sep 06 06:50:03 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

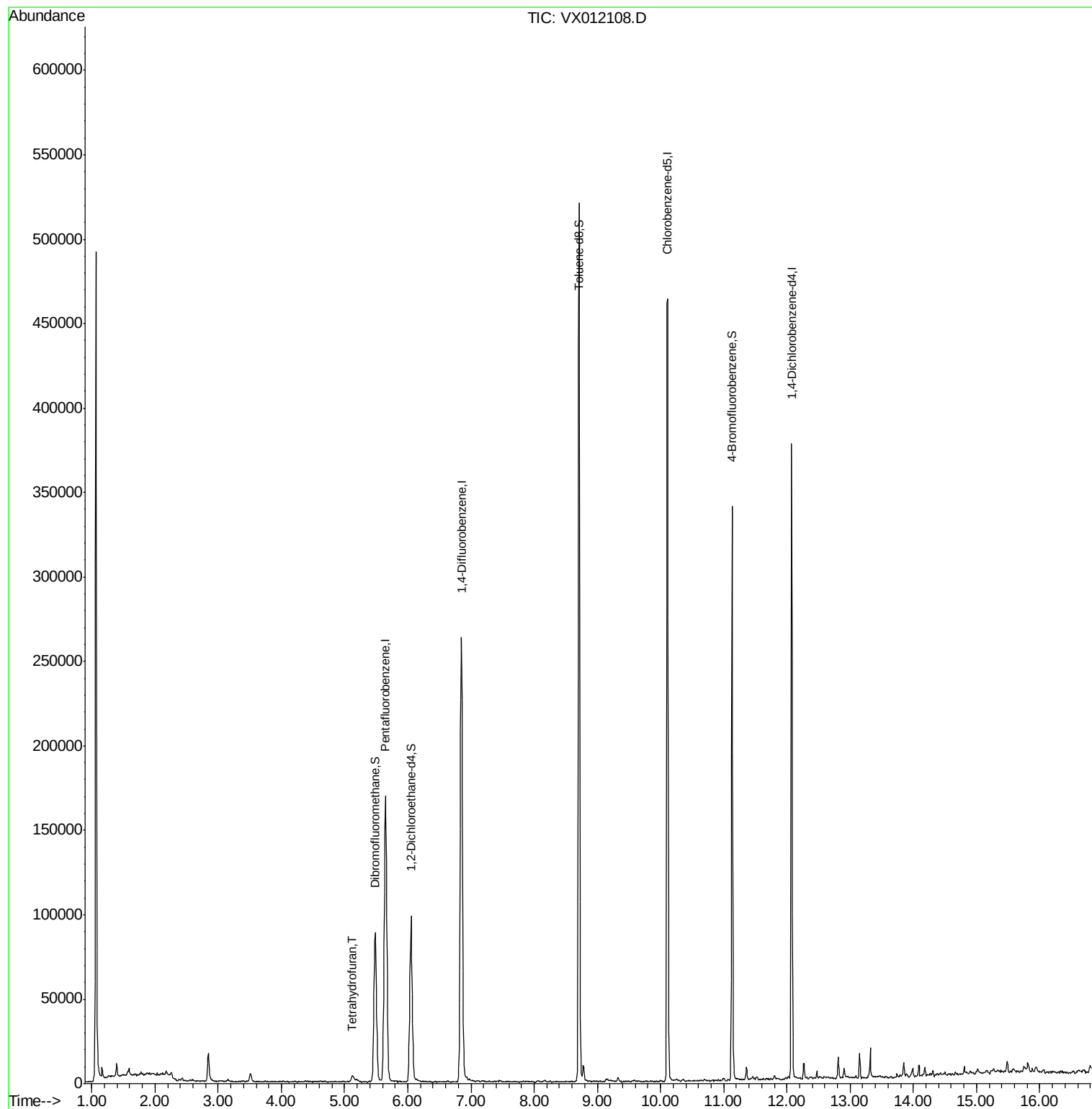
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	143493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	249392	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	202028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	68026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	97440	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
35) Dibromofluoromethane	5.48	113	75356	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	287530	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.13	95	97931	37.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.84%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	3821	10.528	ug/l	Qvalue 99

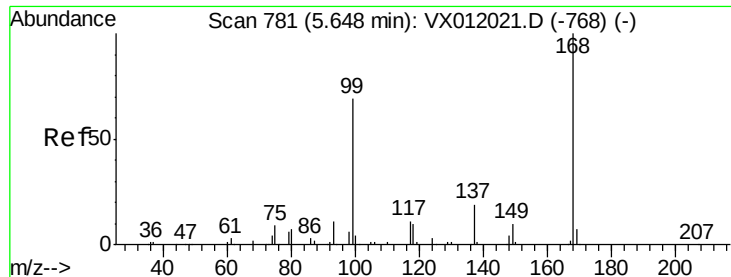
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 781

Delta R.T. 0.00 min

Lab File: VX012108.D

Acq: 05 Sep 2019 18:34

Instrument :

MSVOA_X

ClientSampleId :

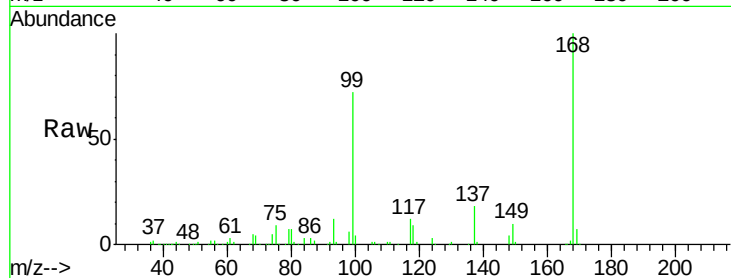
T16-17-E4-(2.25)

Tot Ion:168 Resp: 143493

Ion Ratio Lower Upper

168 100

99 72.1 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

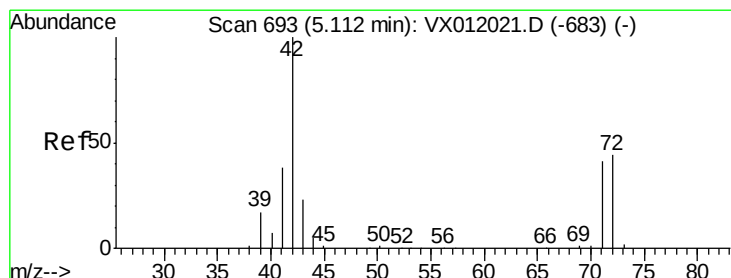
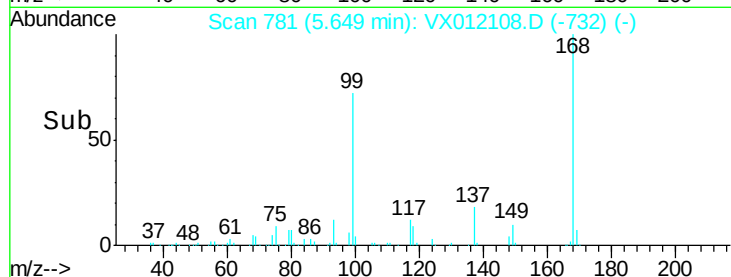
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 10.528 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012108.D

Acq: 05 Sep 2019 18:34

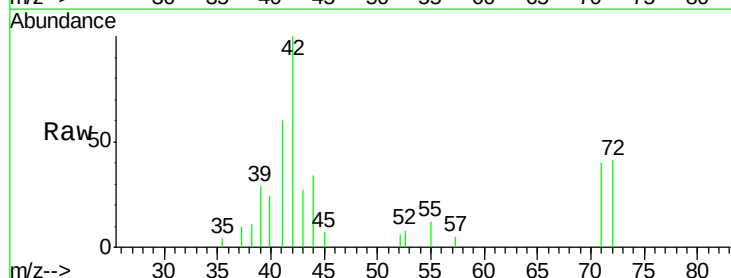
Tgt Ion: 42 Resp: 3821

Ion Ratio Lower Upper

42 100

72 46.3 37.0 55.4

71 40.4 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

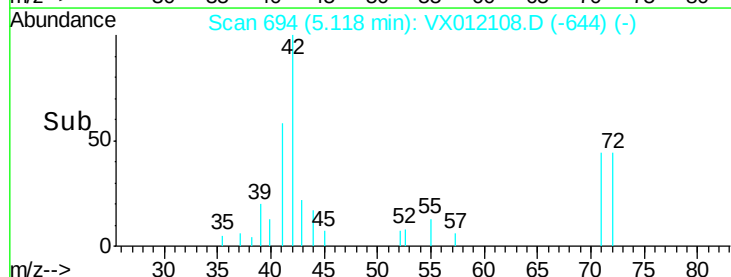
1500

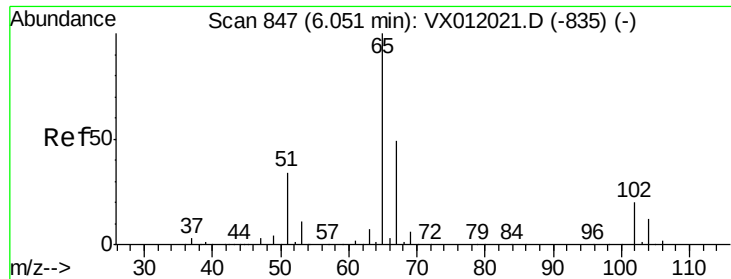
1000

500

0

Time--> 5.00 5.05 5.10 5.15 5.20

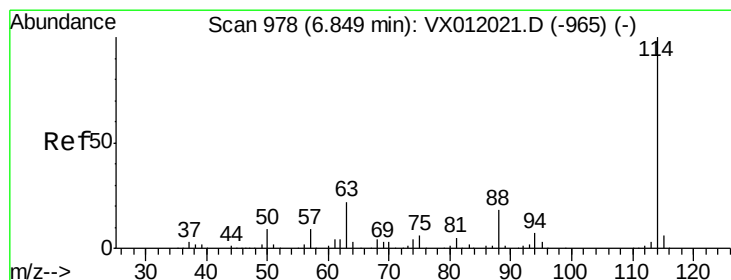
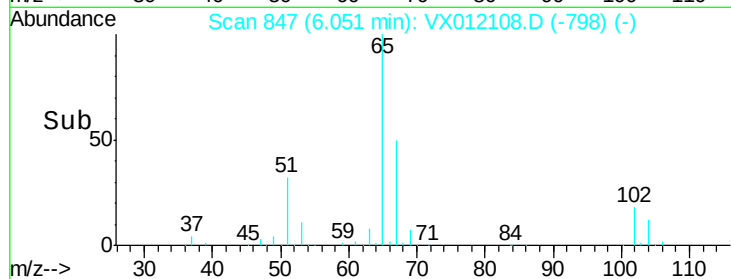
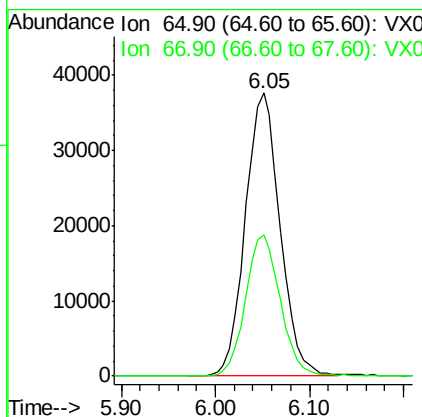
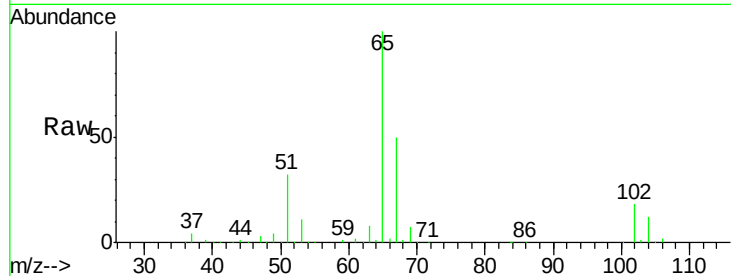




#33
 1,2-Dichloroethane-d4
 Concen: 49.214 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012108.D
 Acq: 05 Sep 2019 18:34

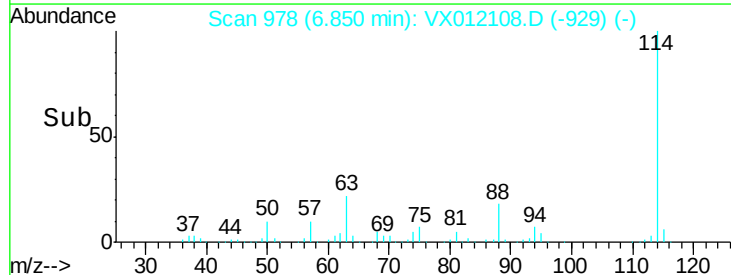
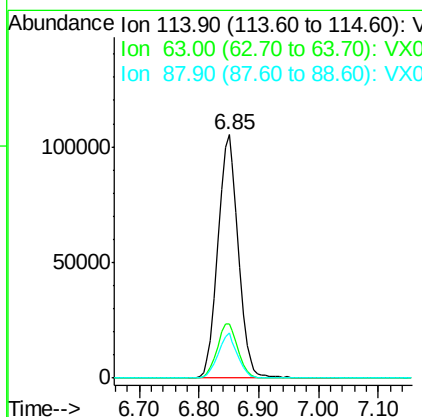
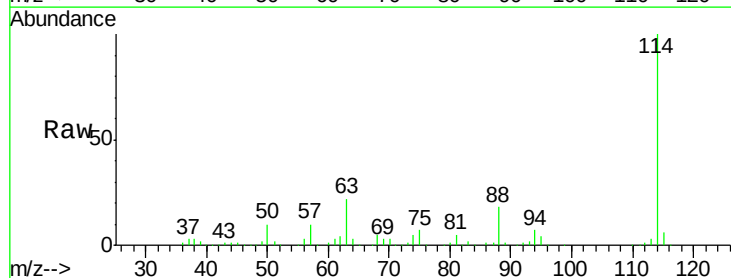
Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E4-(2.25)

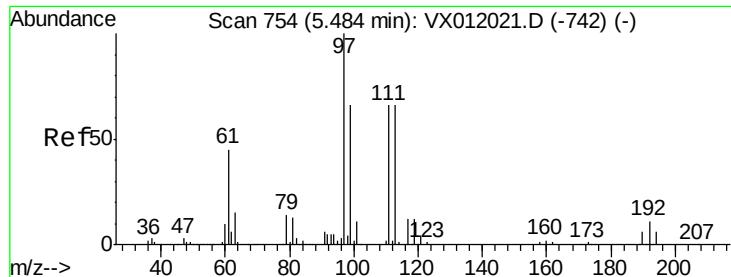
Tot Ion: 65 Resp: 97440
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012108.D
 Acq: 05 Sep 2019 18:34

Tgt Ion: 114 Resp: 249392
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 37.4
 88 18.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.134 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012108.D

Acq: 05 Sep 2019 18:34

Instrument :

MSVOA_X

ClientSampled :

T16-17-E4-(2.25)

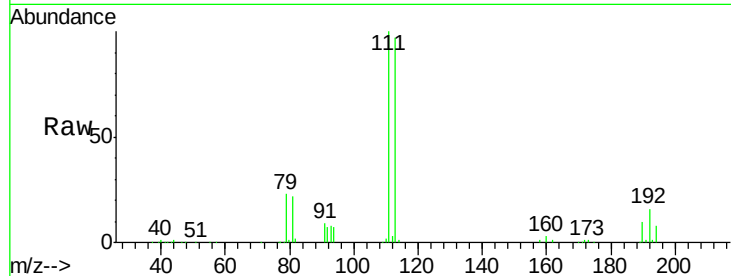
Tot Ion:113 Resp: 75356

Ion Ratio Lower Upper

113 100

111 101.7 81.7 122.5

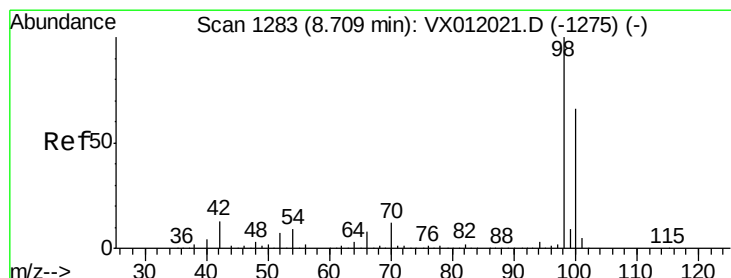
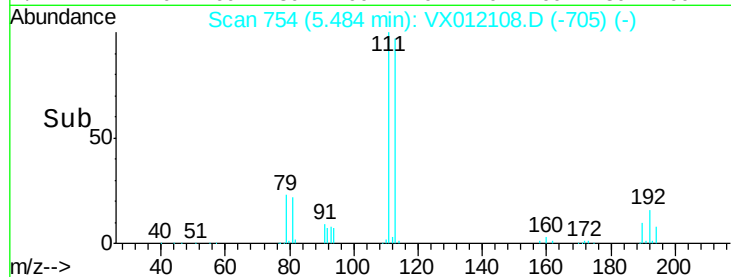
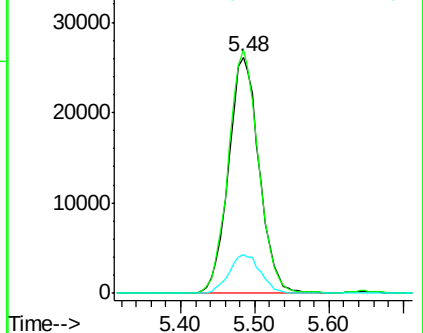
192 16.8 22.5 33.7#



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: 51.090 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012108.D

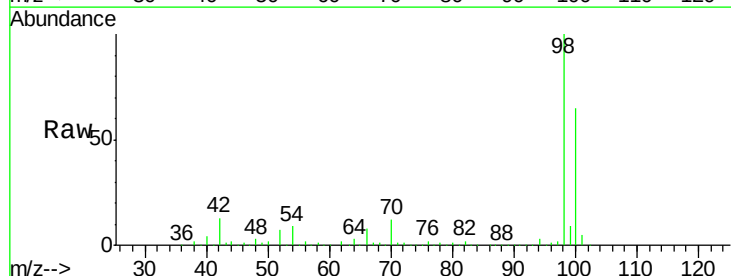
Acq: 05 Sep 2019 18:34

Tgt Ion: 98 Resp: 287530

Ion Ratio Lower Upper

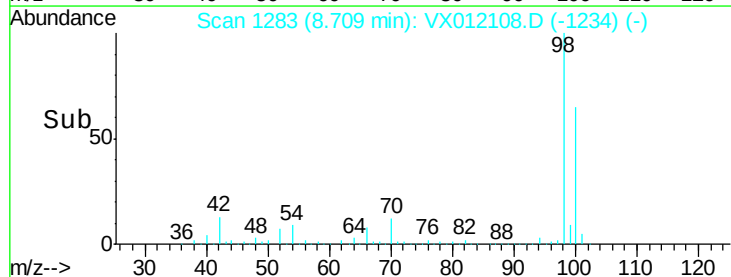
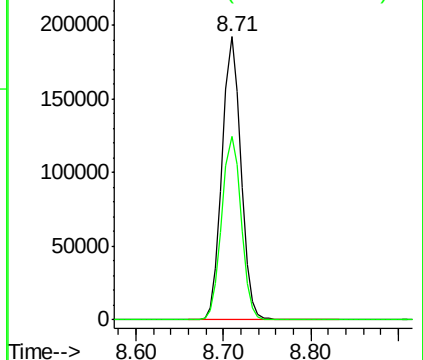
98 100

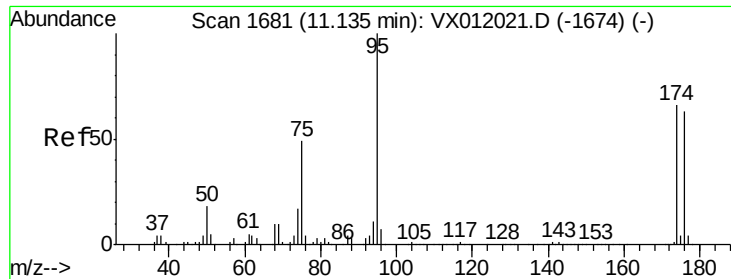
100 66.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

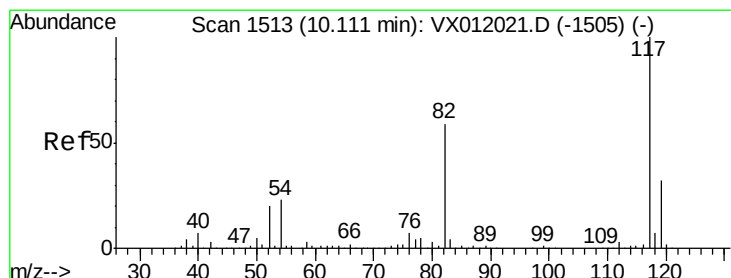
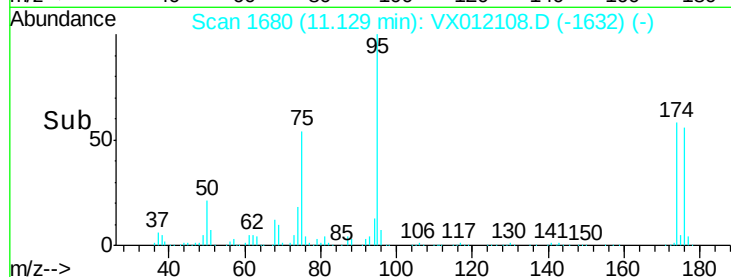
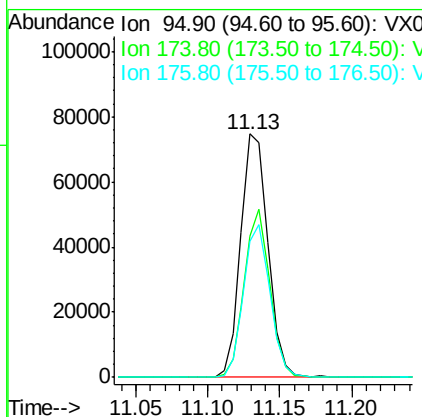
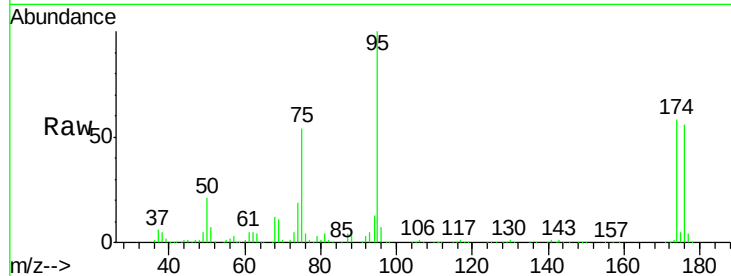




#62
4-Bromofluorobenzene
Concen: 37.416 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012108.D
Acq: 05 Sep 2019 18:34

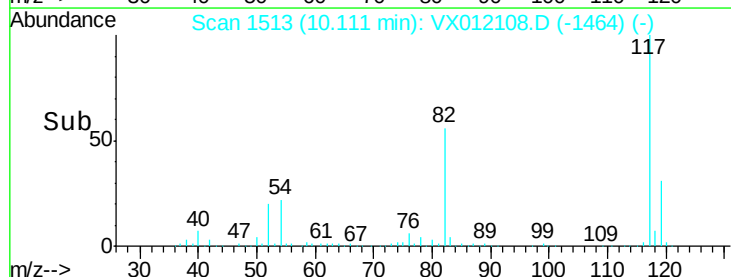
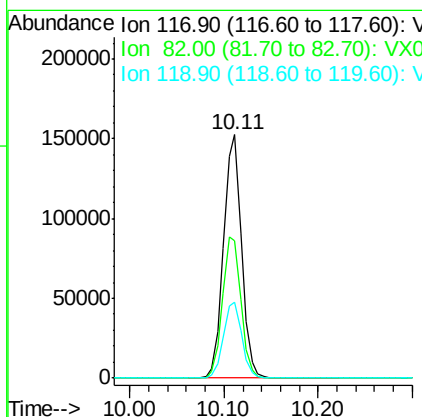
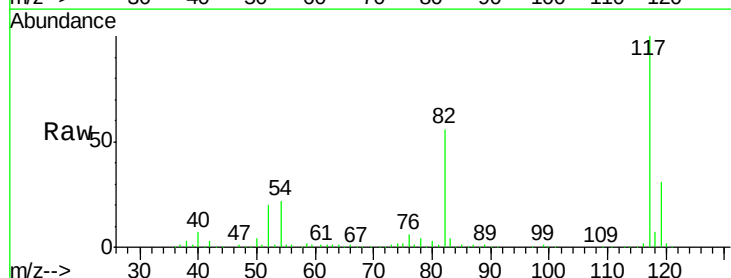
Instrument :
MSVOA_X
ClientSampleId :
T16-17-E4-(2.25)

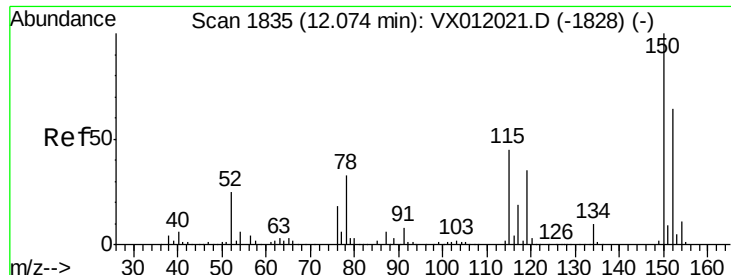
Tot Ion: 95 Resp: 97931
Ion Ratio Lower Upper
95 100
174 64.9 0.0 205.4
176 61.1 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012108.D
Acq: 05 Sep 2019 18:34

Tgt Ion: 117 Resp: 202028
Ion Ratio Lower Upper
117 100
82 56.3 39.4 59.0
119 31.3 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: VX012108.D
 Acq: 05 Sep 2019 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 T16-17-E4-(2.25)

Tot Ion	Ratio	Lower	Upper
152	100		
115	66.8	36.4	109.3
150	155.4	0.0	341.2

