

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090319\
 Data File : VX012033.D
 Acq On : 03 Sep 2019 20:22
 Operator : SY/SP
 Sample : K4546-02
 Misc : 5.43g/5.0mL/MSVOA X/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C1-(2.5)

Quant Time: Sep 04 04:50:36 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

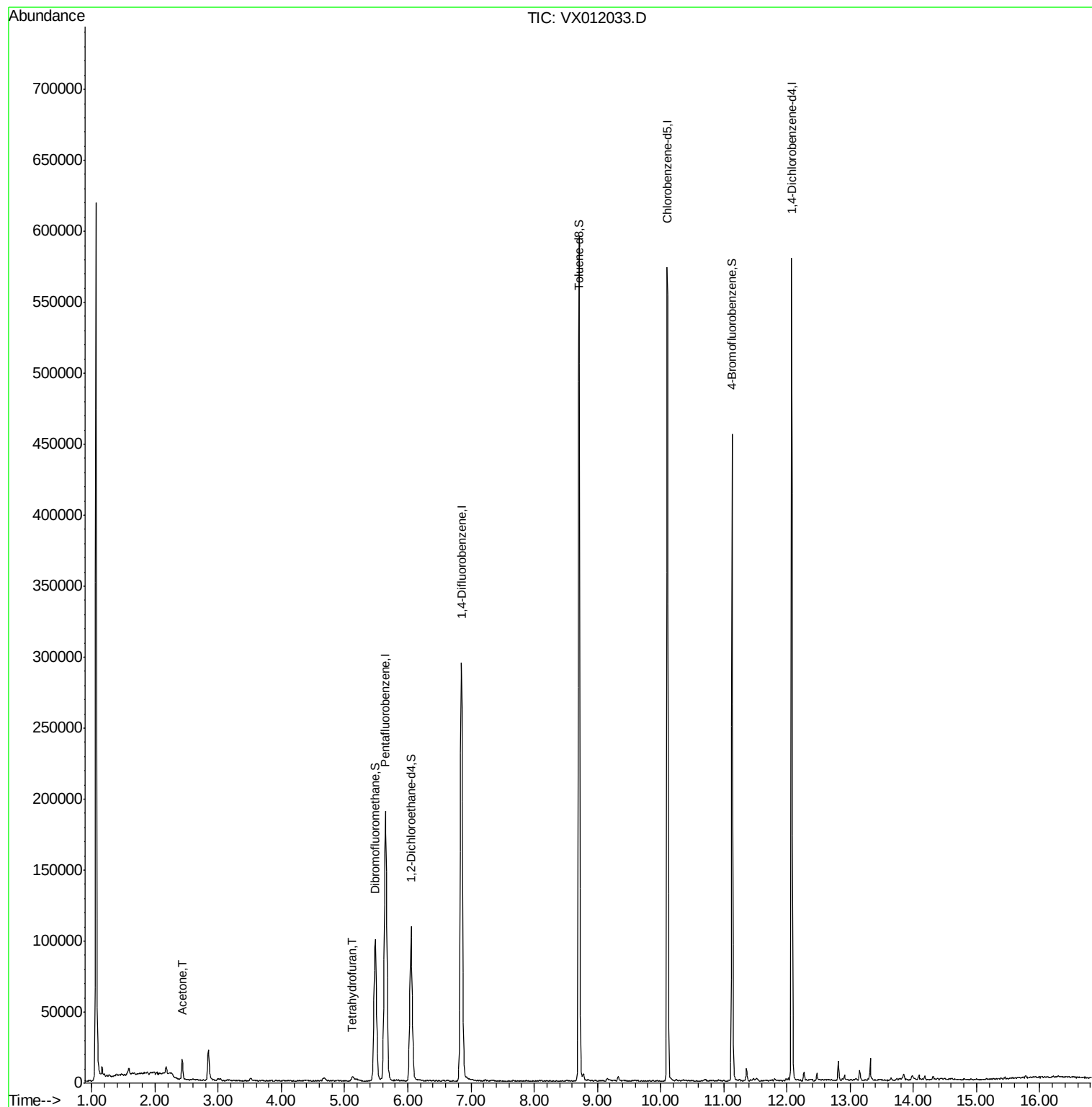
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	250846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	107521	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
35) Dibromofluoromethane	5.48	113	84647	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
50) Toluene-d8	8.71	98	339056	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	11.13	95	132440	43.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.52%	
Target Compounds						
16) Acetone	2.43	43	15326	28.725	ug/l	94
29) Tetrahydrofuran	5.12	42	2783	6.801	ug/l #	90

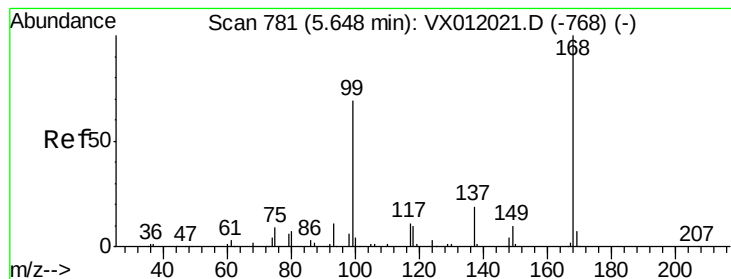
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012033.D

Acq: 03 Sep 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

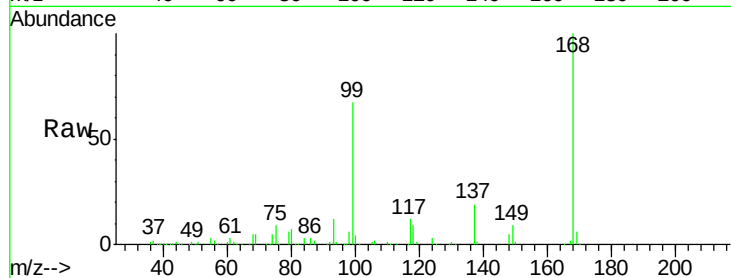
T3-S-C1-(2.5)

Tot Ion:168 Resp: 161775

Ion Ratio Lower Upper

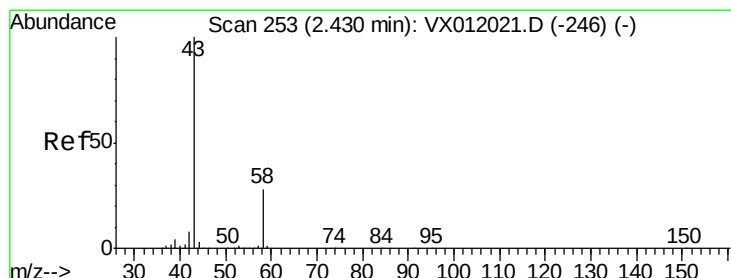
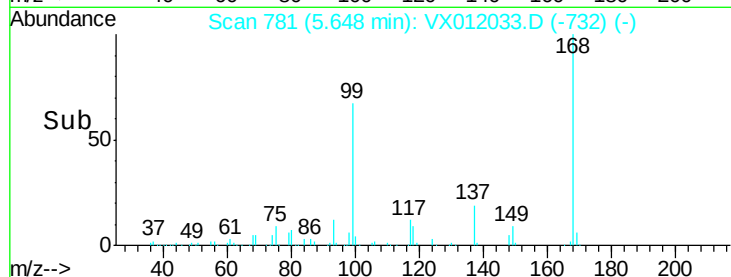
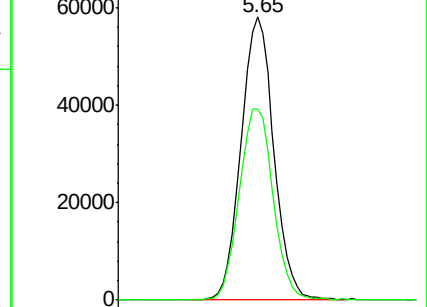
168 100

99 67.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 28.725 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012033.D

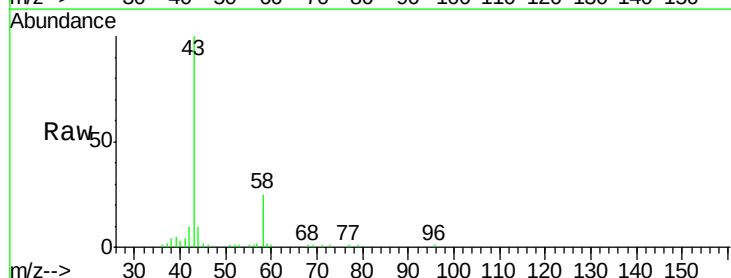
Acq: 03 Sep 2019 20:22

Tgt Ion: 43 Resp: 15326

Ion Ratio Lower Upper

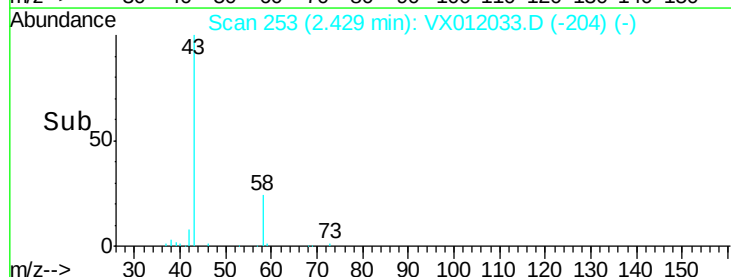
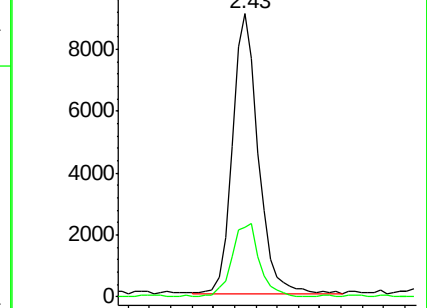
43 100

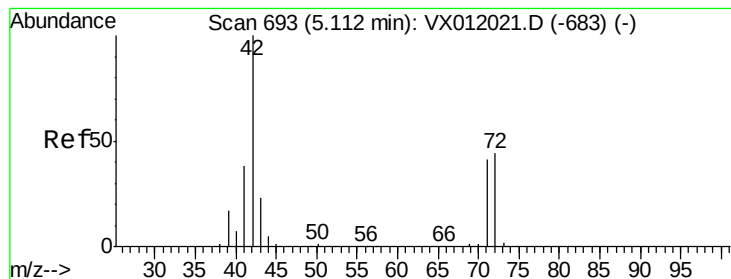
58 25.1 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#29

Tetrahydrofuran

Concen: 6.801 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012033.D

Acq: 03 Sep 2019 20:22

Instrument :

MSVOA_X

ClientSampled :

T3-S-C1-(2.5)

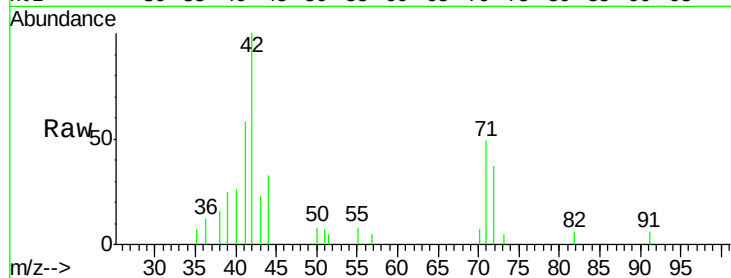
Tot Ion: 42 Resp: 2783

Ion Ratio Lower Upper

42 100

72 42.2 37.0 55.4

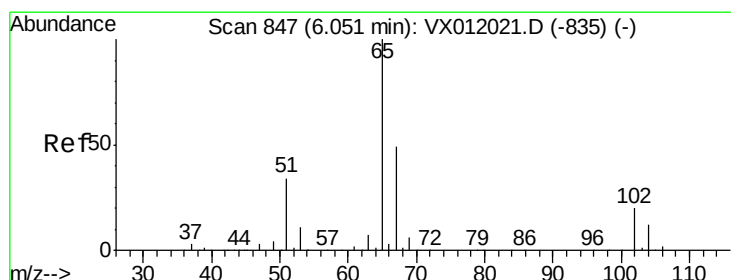
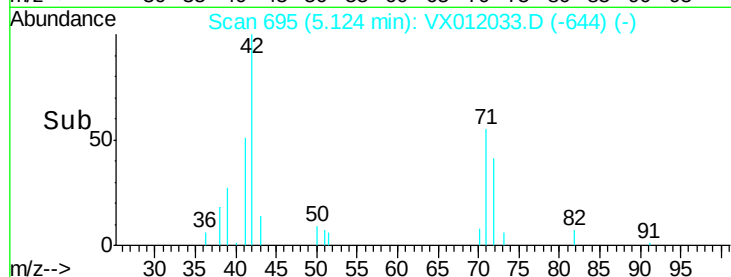
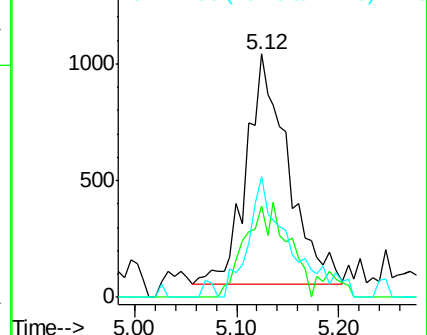
71 52.0 33.8 50.8#



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



#33

1,2-Dichloroethane-d4

Concen: 48.169 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012033.D

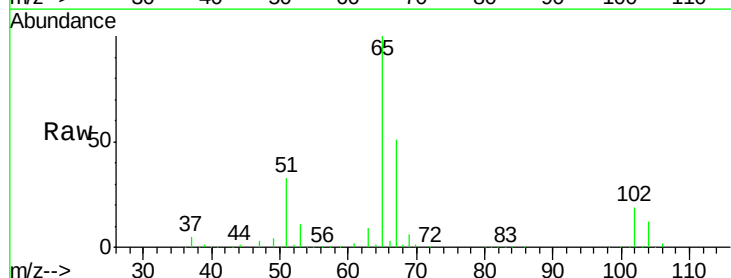
Acq: 03 Sep 2019 20:22

Tgt Ion: 65 Resp: 107521

Ion Ratio Lower Upper

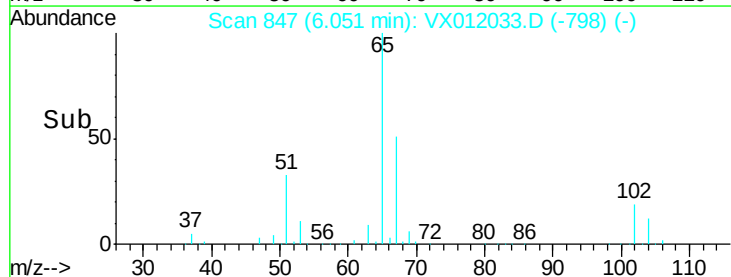
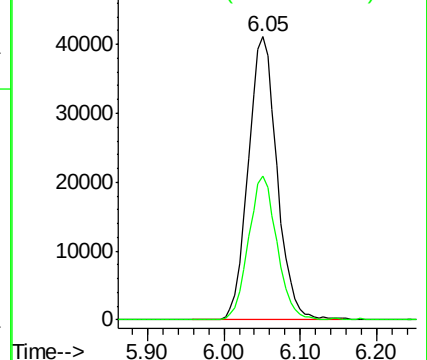
65 100

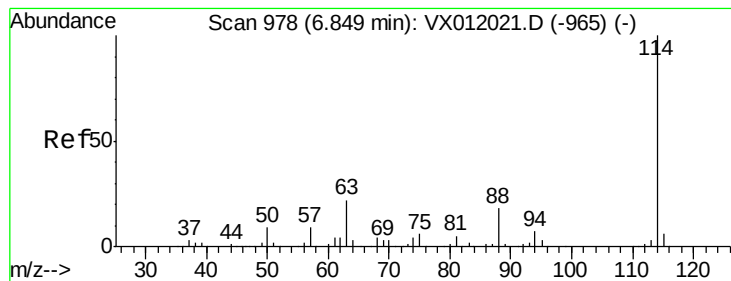
67 50.1 0.0 102.0



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: VX012033.D

Acq: 03 Sep 2019 20:22

Instrument :

MSVOA_X

ClientSampleId :

T3-S-C1-(2.5)

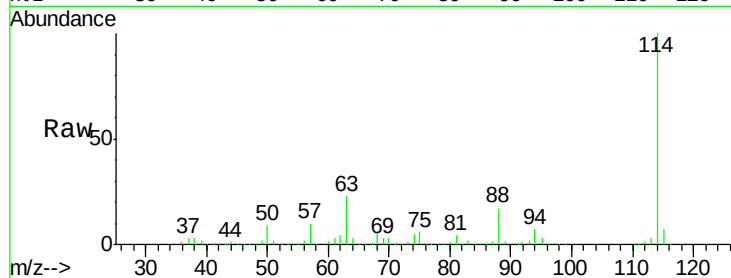
Tot Ion:114 Resp: 288410

Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.4

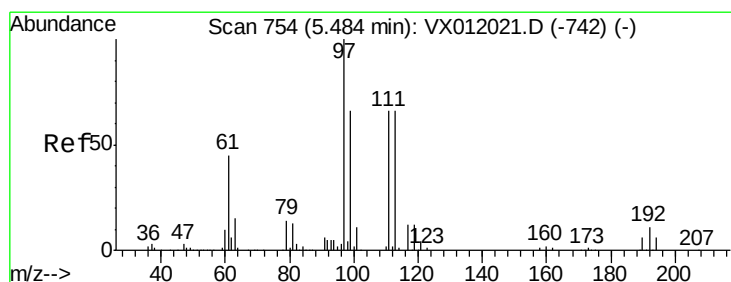
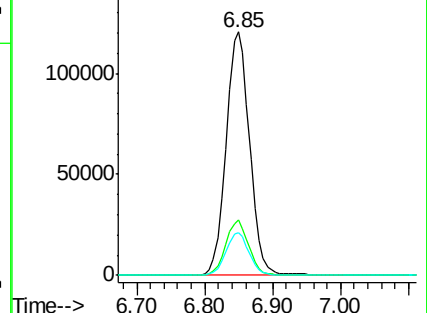
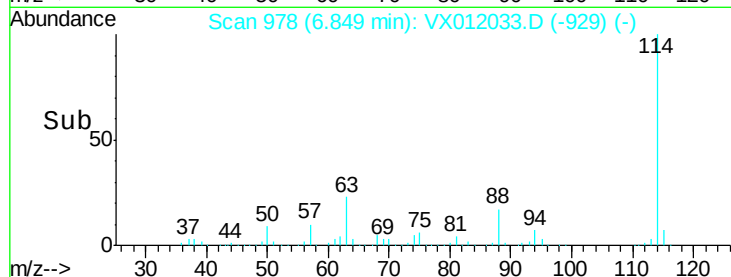
88 17.5 0.0 29.6



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: 47.725 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012033.D

Acq: 03 Sep 2019 20:22

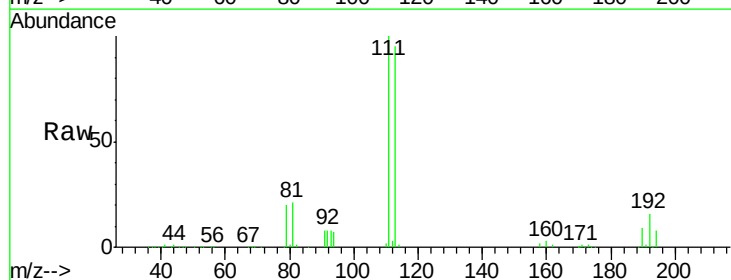
Tgt Ion:113 Resp: 84647

Ion Ratio Lower Upper

113 100

111 103.3 81.7 122.5

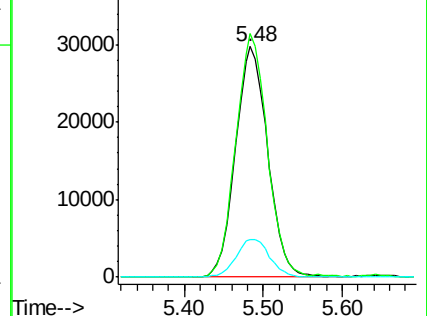
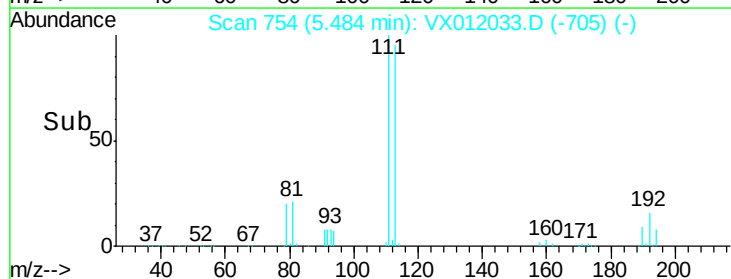
192 17.0 22.5 33.7#

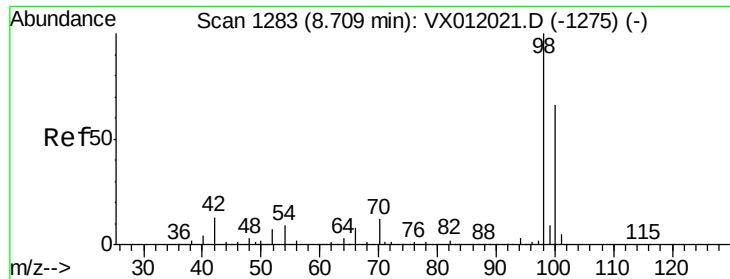


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

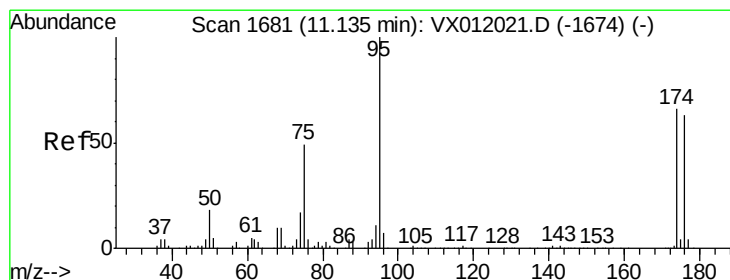
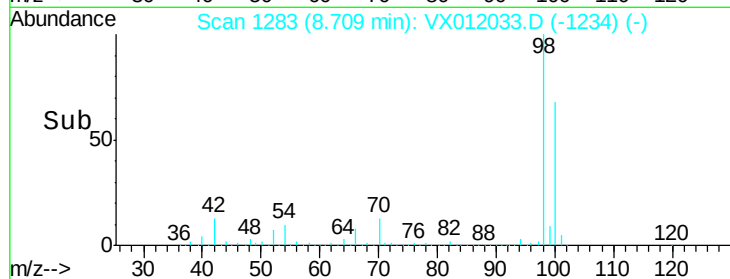
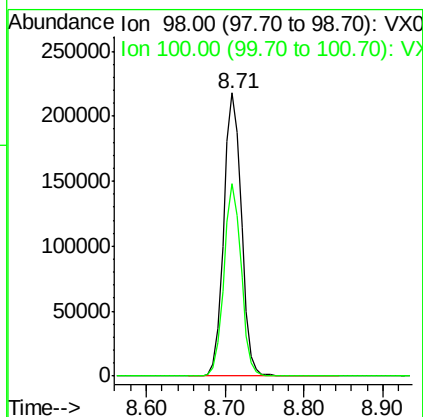
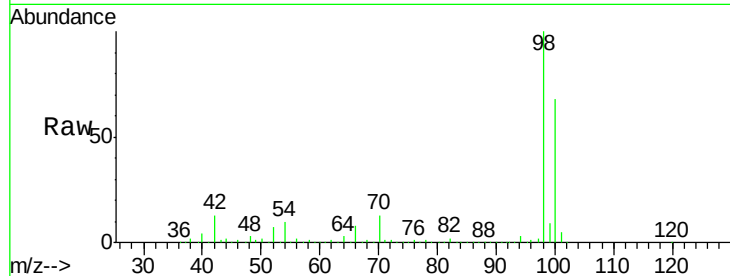




#50
Toluene-d8
Concen: 52.095 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012033.D
Acq: 03 Sep 2019 20:22

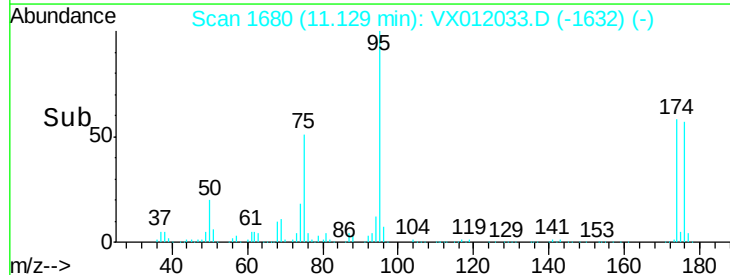
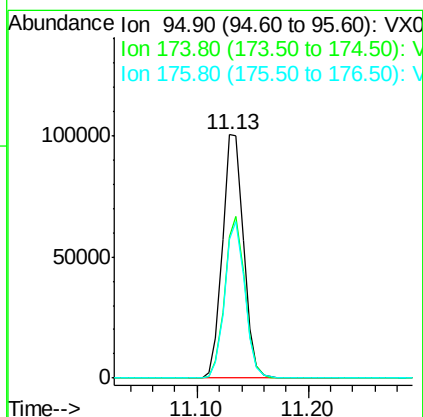
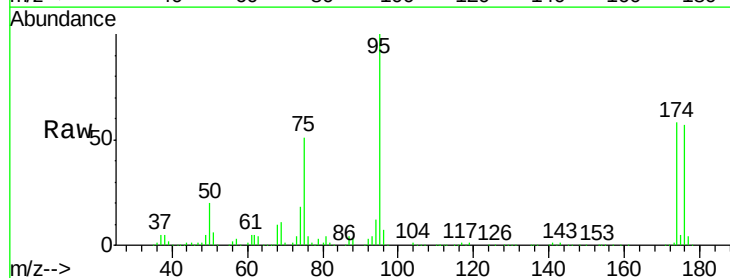
Instrument :
MSVOA_X
ClientSampleId :
T3-S-C1-(2.5)

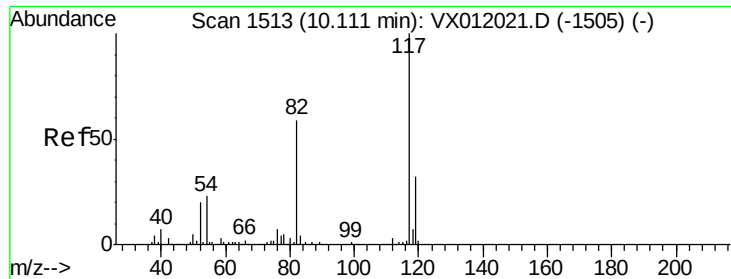
Tot Ion: 98 Resp: 339056
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.756 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012033.D
Acq: 03 Sep 2019 20:22

Tgt Ion: 95 Resp: 132440
Ion Ratio Lower Upper
95 100
174 63.2 0.0 205.4
176 61.2 0.0 201.8

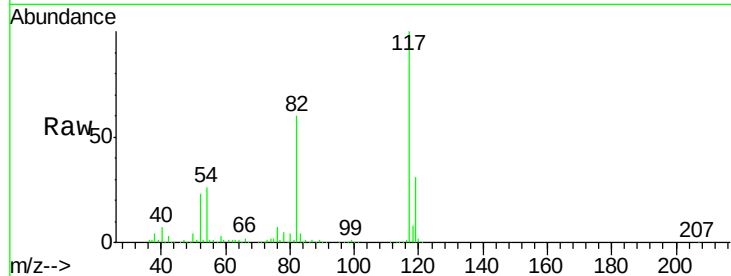




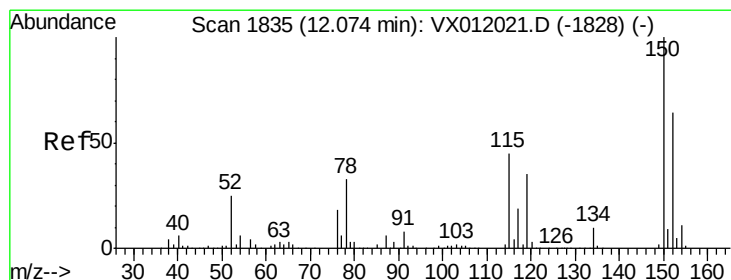
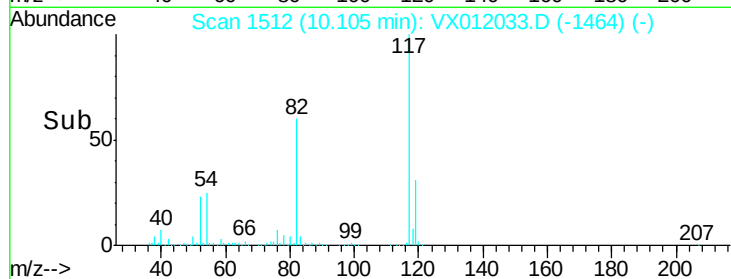
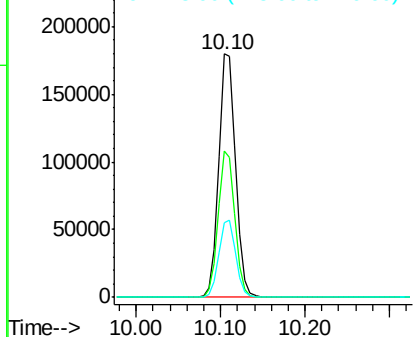
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012033.D
Acq: 03 Sep 2019 20:22

Instrument :
MSVOA_X
ClientSampleId :
T3-S-C1-(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	39.4	59.0#
119	30.7	26.1	39.1

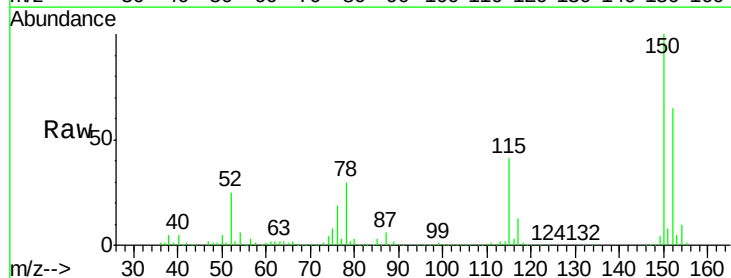


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012033.D
Acq: 03 Sep 2019 20:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	36.4	109.3
150	154.2	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

