

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012300.D
 Acq On : 11 Sep 2019 14:13
 Operator : SY/SP
 Sample : K4643-08
 Misc : 3.01µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-B3-(4)

Quant Time: Sep 12 06:28:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

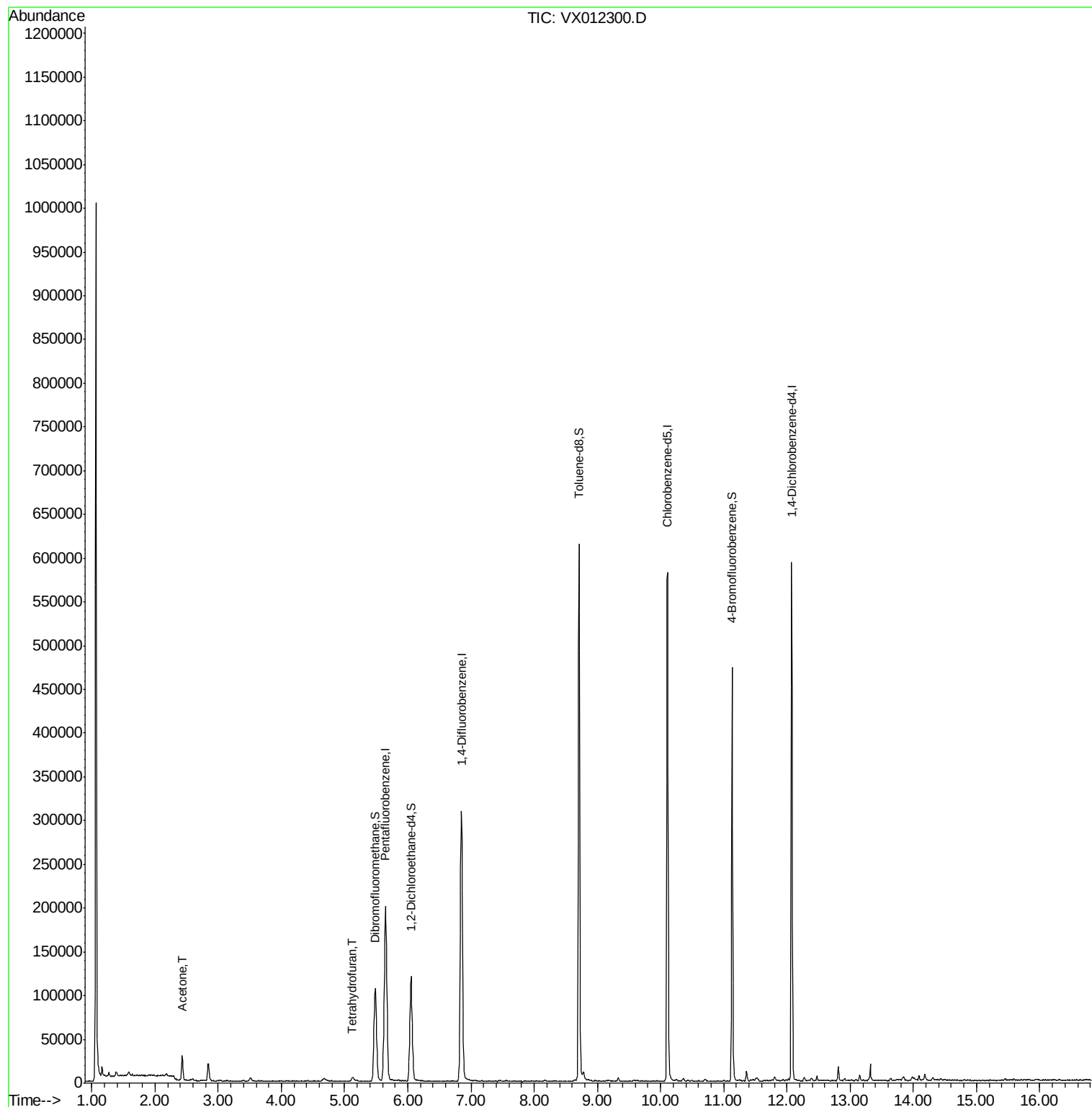
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	259015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	116610	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
35) Dibromofluoromethane	5.48	113	89722	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
50) Toluene-d8	8.71	98	347224	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.13	95	133357	42.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.74%	
Target Compounds						
16) Acetone	2.43	43	28720	50.562	ug/l	96
29) Tetrahydrofuran	5.12	42	4927	12.576	ug/l	95

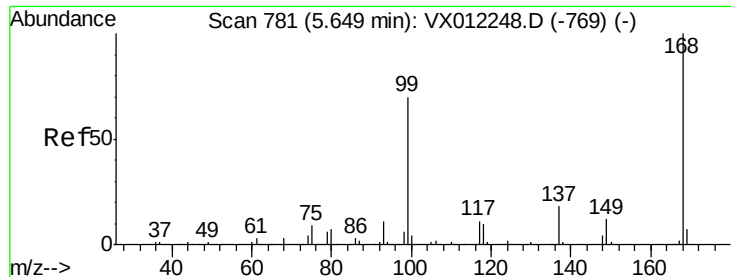
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012300.D

Acq: 11 Sep 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

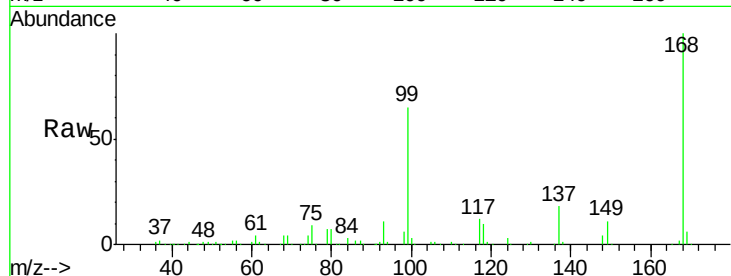
T11-B3-(4)

Tot Ion:168 Resp: 169713

Ion Ratio Lower Upper

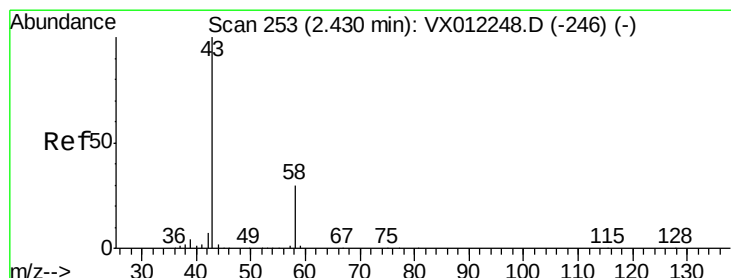
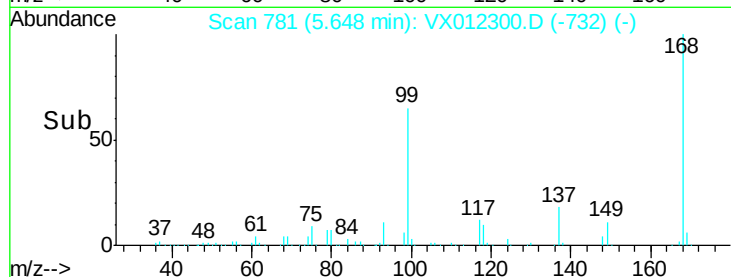
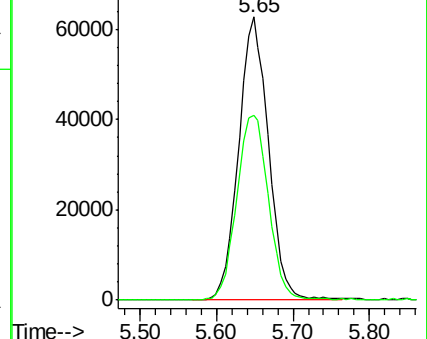
168 100

99 65.3 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 50.562 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012300.D

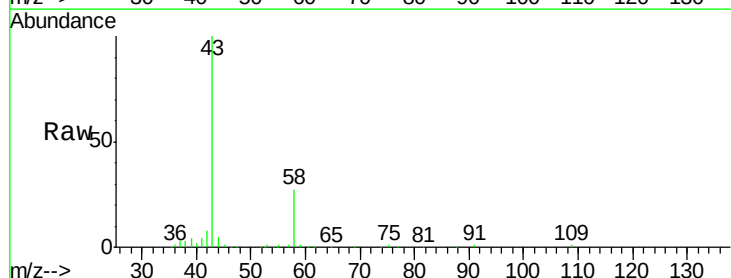
Acq: 11 Sep 2019 14:13

Tgt Ion: 43 Resp: 28720

Ion Ratio Lower Upper

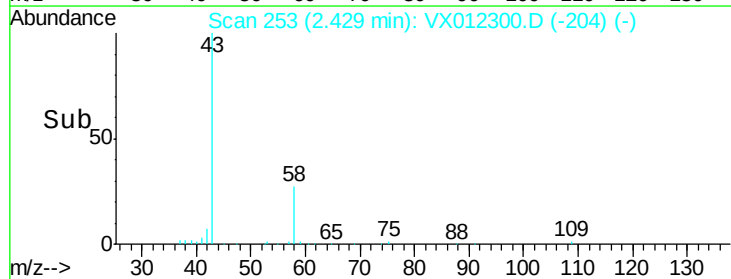
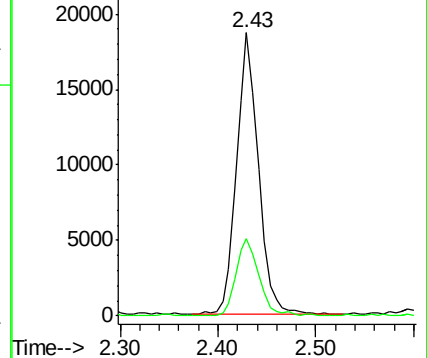
43 100

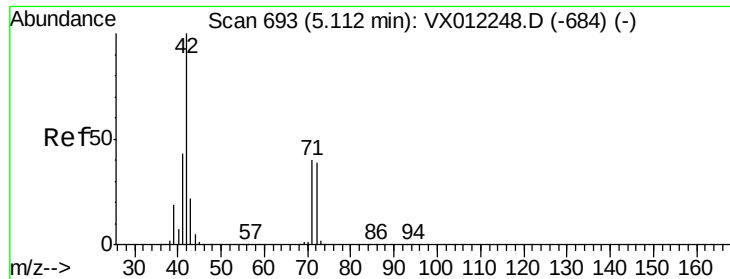
58 27.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#29

Tetrahydrofuran

Concen: 12.576 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012300.D

Acq: 11 Sep 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

T11-B3-(4)

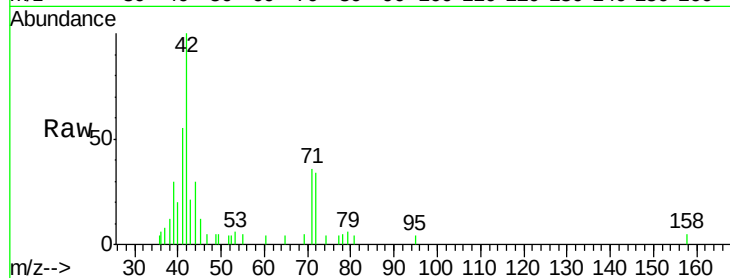
Tot Ion: 42 Resp: 4927

Ion Ratio Lower Upper

42 100

72 46.1 35.2 52.8

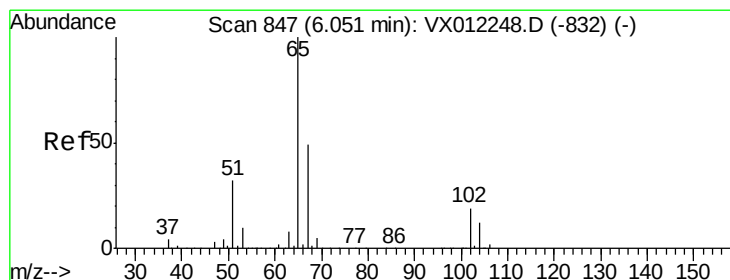
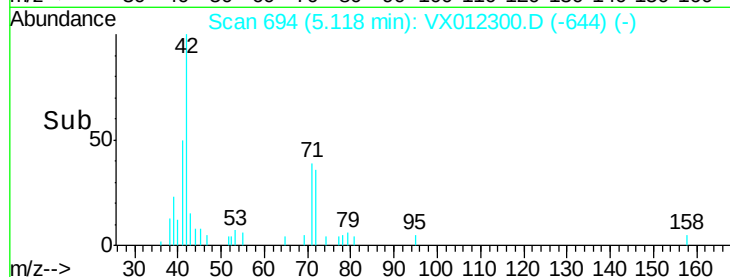
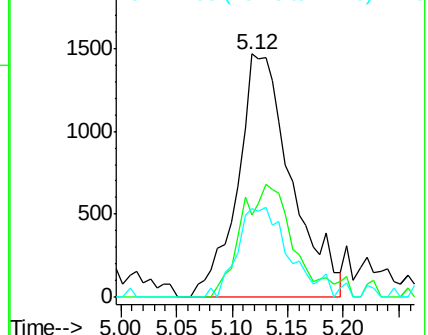
71 36.7 32.5 48.7



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: 48.599 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012300.D

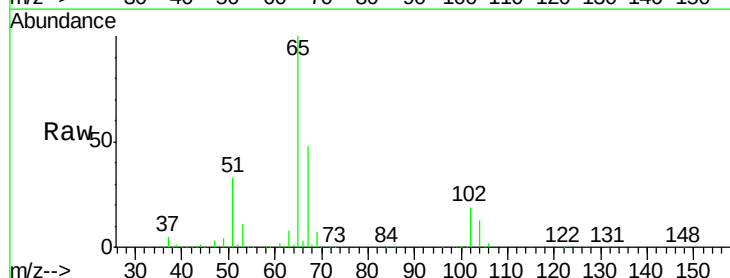
Acq: 11 Sep 2019 14:13

Tgt Ion: 65 Resp: 116610

Ion Ratio Lower Upper

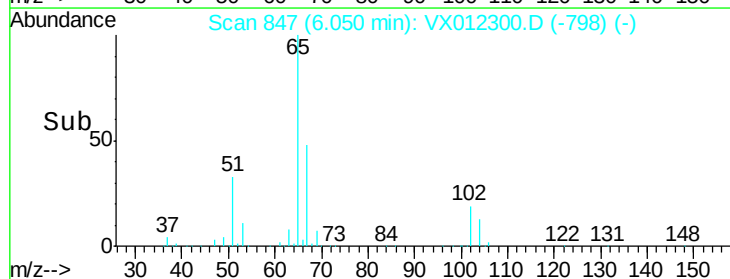
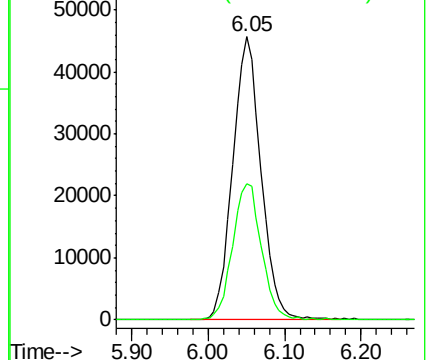
65 100

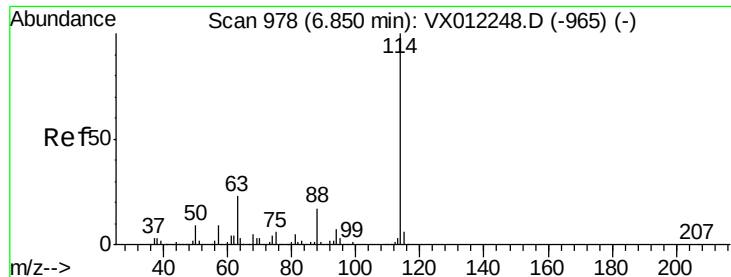
67 49.4 0.0 99.8



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: VX012300.D

Acq: 11 Sep 2019 14:13

Instrument :

MSVOA_X

ClientSampleId :

T11-B3-(4)

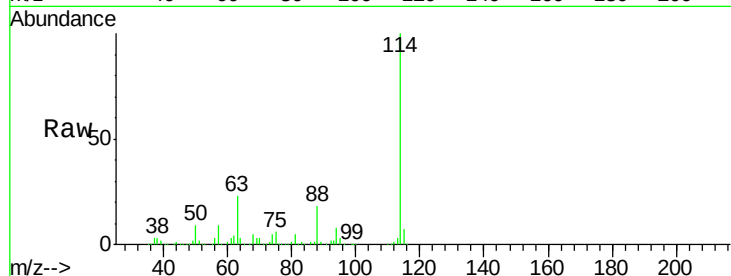
Tot Ion:114 Resp: 298409

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.2

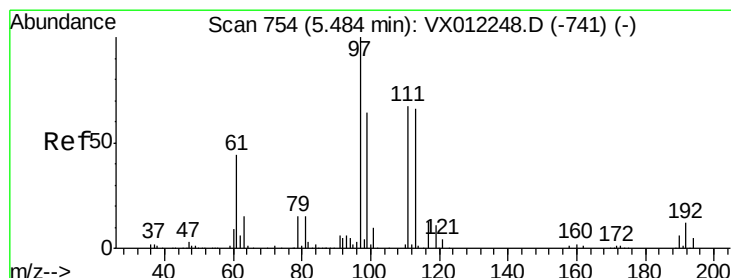
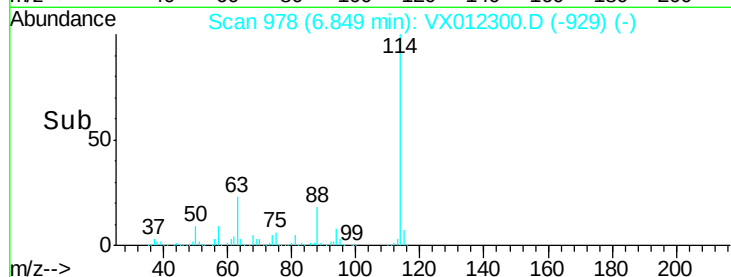
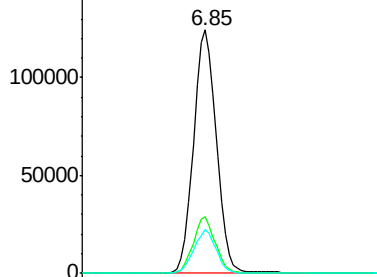
88 18.3 0.0 34.8



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: 46.903 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012300.D

Acq: 11 Sep 2019 14:13

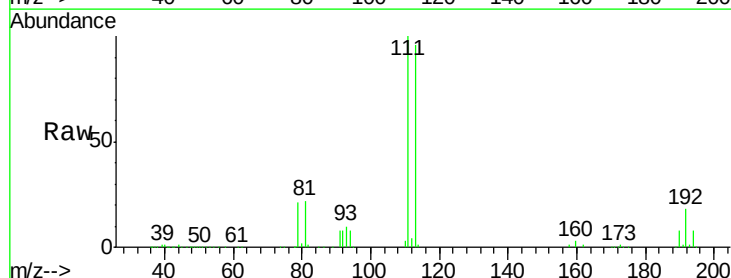
Tgt Ion:113 Resp: 89722

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.6

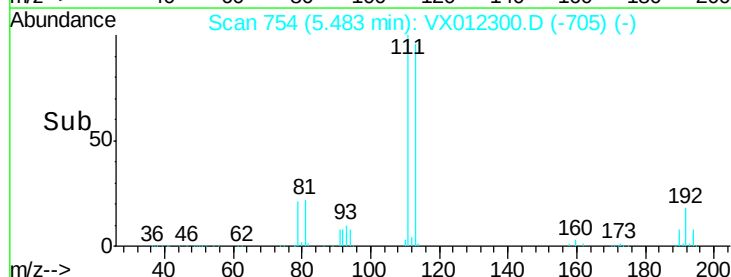
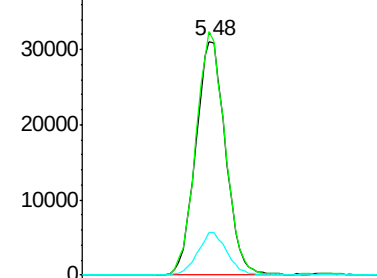
192 17.7 14.3 21.5

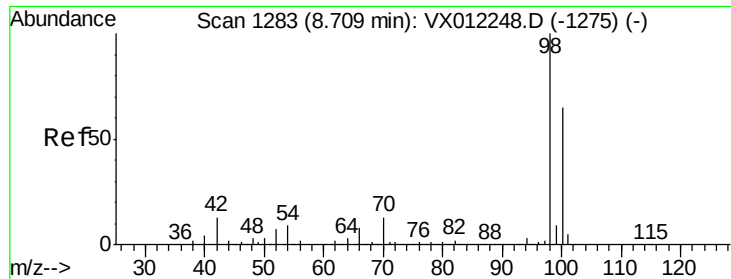


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

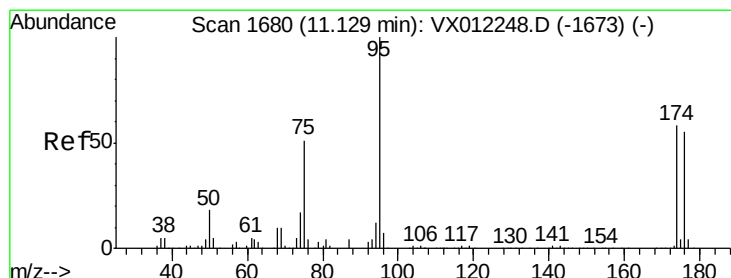
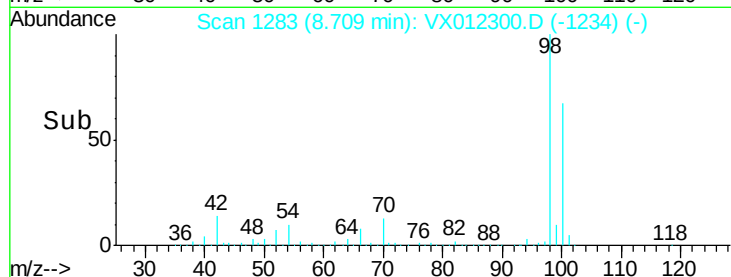
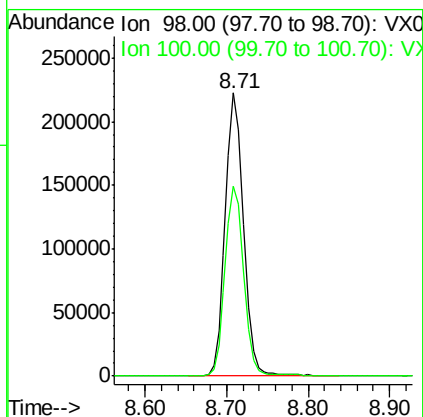
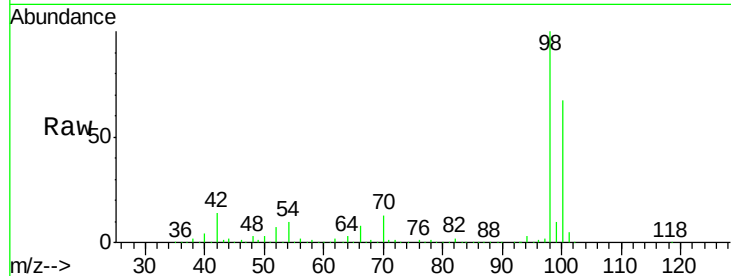




#50
Toluene-d8
Concen: 51.752 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012300.D
Acq: 11 Sep 2019 14:13

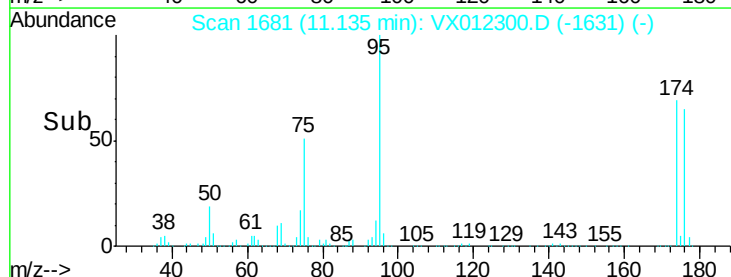
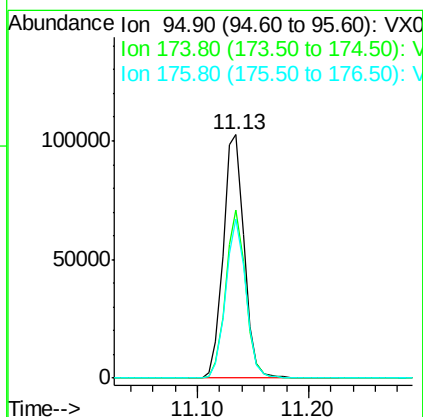
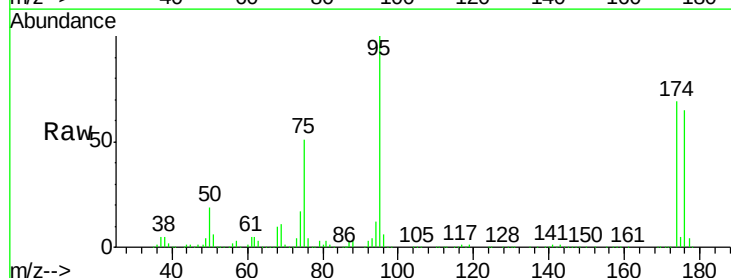
Instrument :
MSVOA_X
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T11-B3-(4)

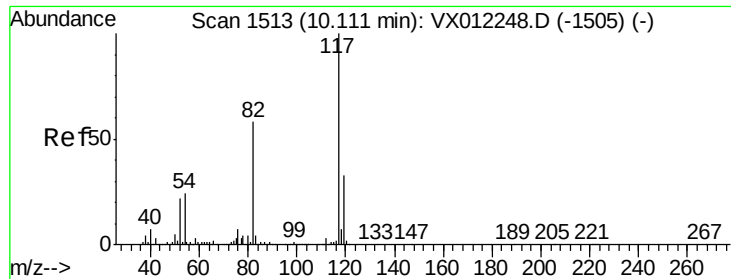
Tot Ion: 98 Resp: 347224
Ion Ratio Lower Upper
98 100
100 68.5 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 42.874 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012300.D
Acq: 11 Sep 2019 14:13

Tgt Ion: 95 Resp: 133357
Ion Ratio Lower Upper
95 100
174 65.9 0.0 127.0
176 62.9 0.0 125.8

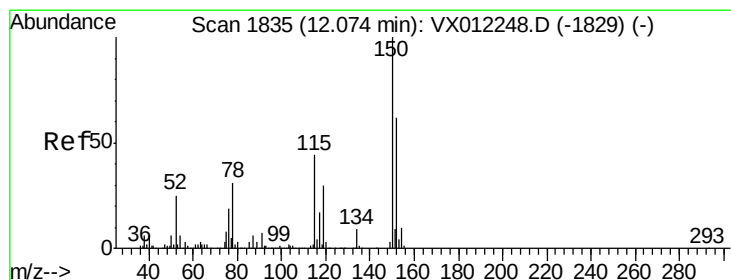
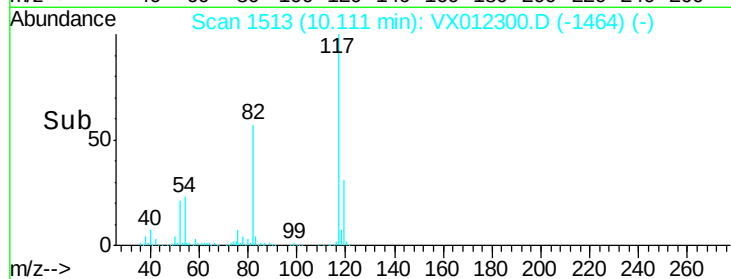
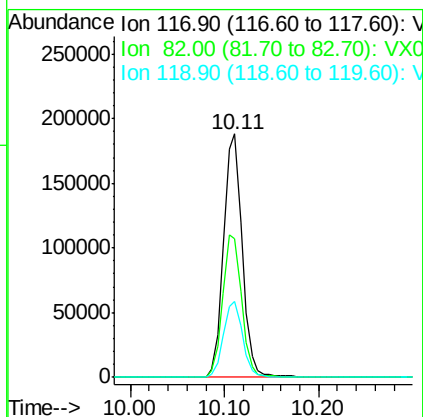
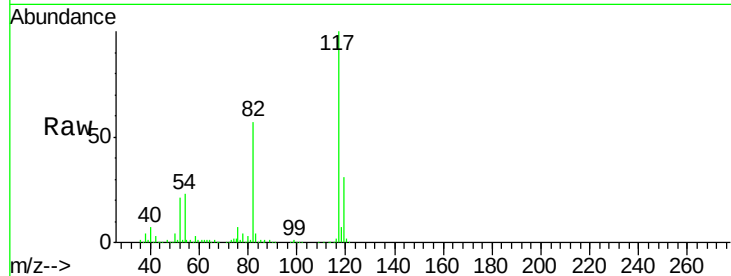




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012300.D
Acq: 11 Sep 2019 14:13

Instrument :
MSVOA_X
ClientSampleId :
T11-B3-(4)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.4	69.6
119	31.2	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012300.D
Acq: 11 Sep 2019 14:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.9	45.5	136.4
150	156.6	0.0	346.4

