

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012307.D
 Acq On : 11 Sep 2019 17:29
 Operator : SY/SP
 Sample : K4643-16
 Misc : 3.74g/5.0mL/MSVOA X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-C2-(4)

Quant Time: Sep 12 06:42:26 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

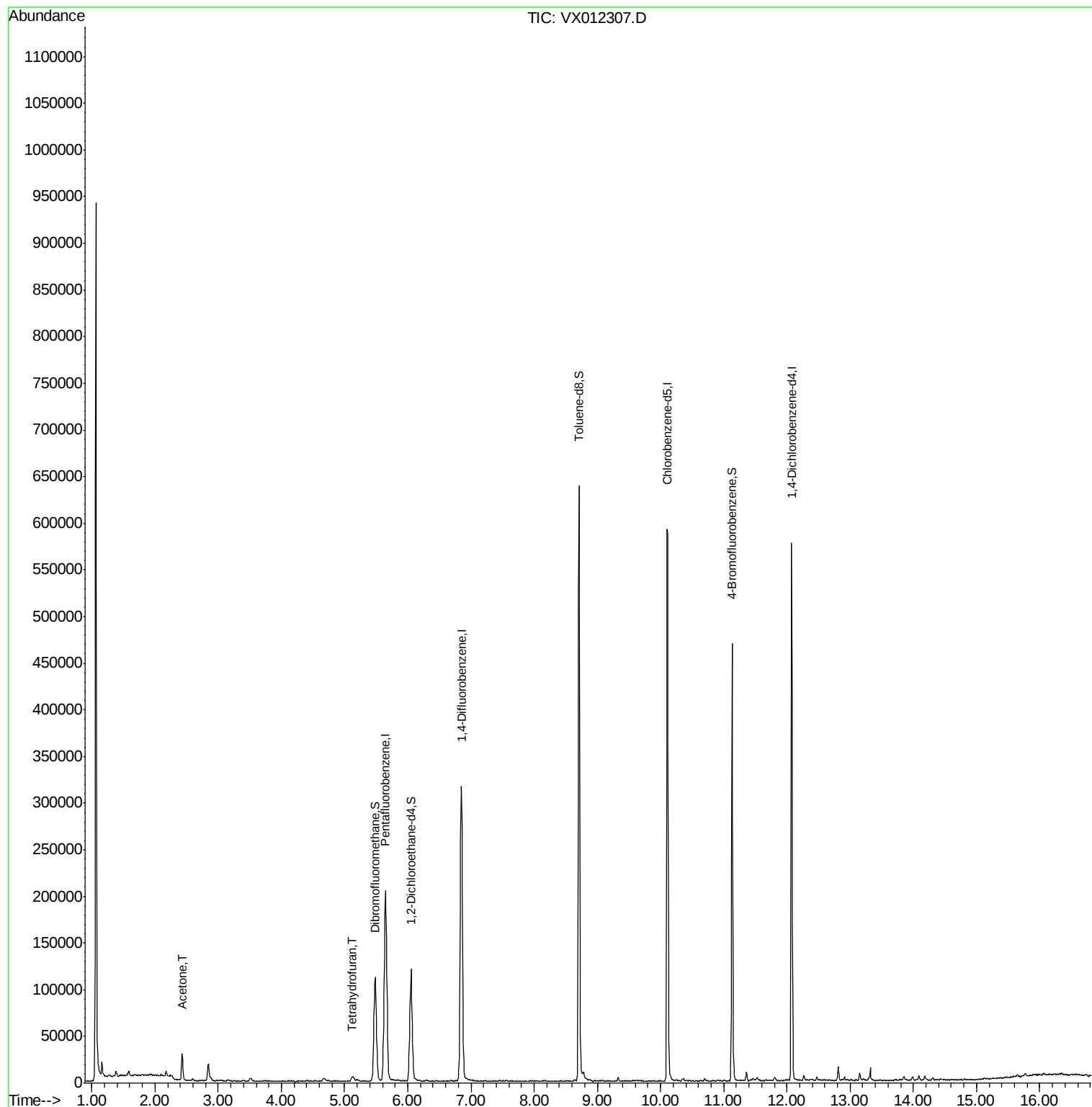
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	307027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118173	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
35) Dibromofluoromethane	5.48	113	92871	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
50) Toluene-d8	8.71	98	355593	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.14	95	131082	40.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.92%	
Target Compounds						
16) Acetone	2.43	43	30548	51.629	ug/l	99
29) Tetrahydrofuran	5.12	42	4856	11.899	ug/l #	62

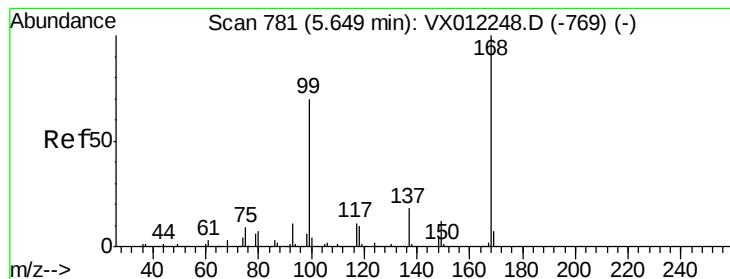
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 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: VX012307.D

Acq: 11 Sep 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

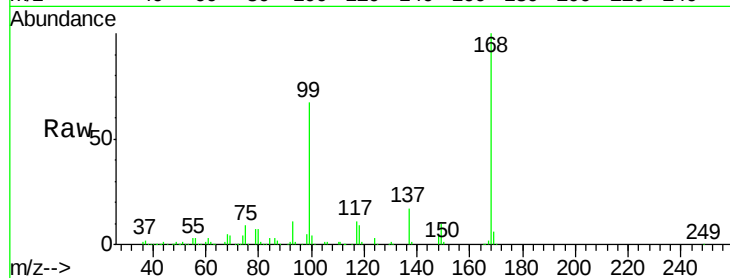
T11-C2-(4)

Tot Ion:168 Resp: 176787

Ion Ratio Lower Upper

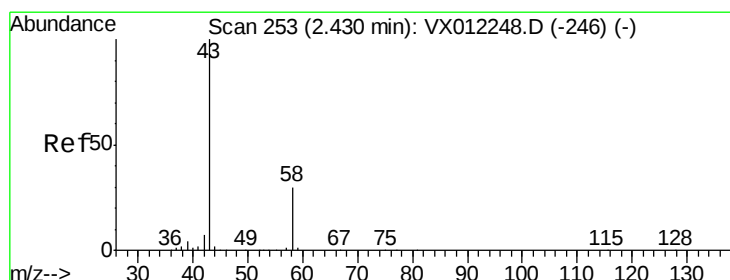
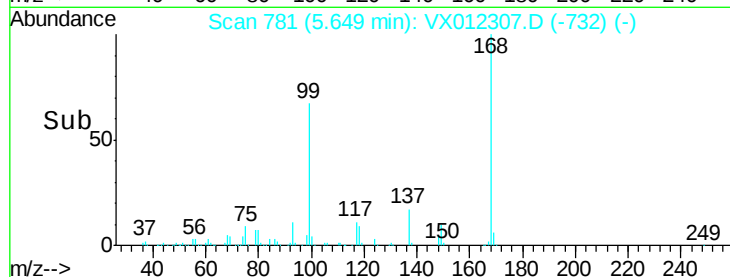
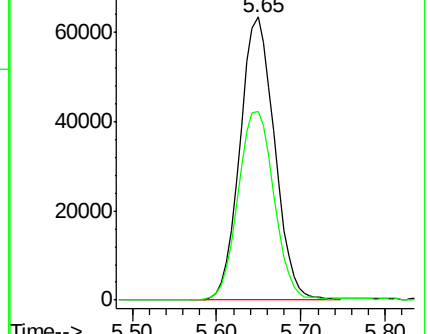
168 100

99 66.8 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: 51.629 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX012307.D

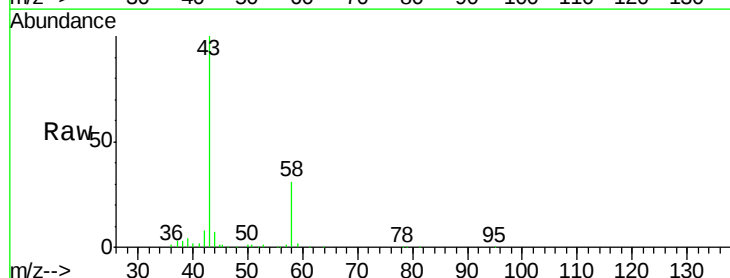
Acq: 11 Sep 2019 17:29

Tgt Ion: 43 Resp: 30548

Ion Ratio Lower Upper

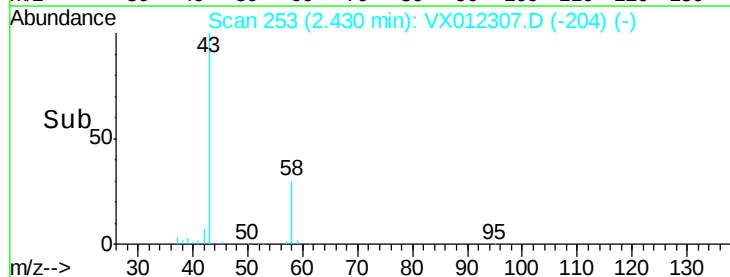
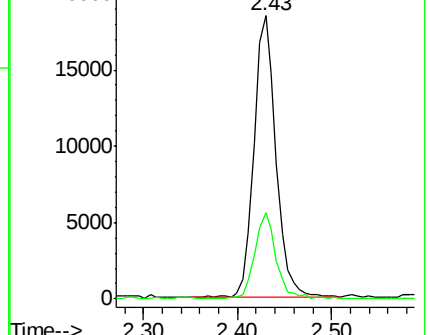
43 100

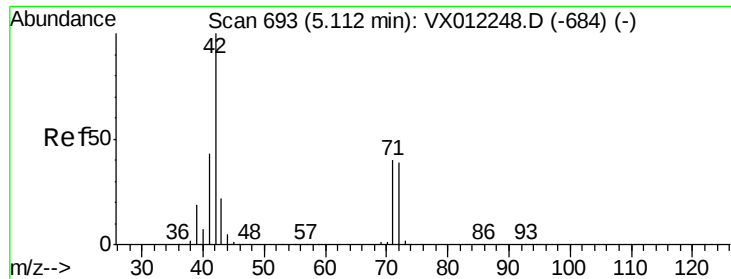
58 30.3 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

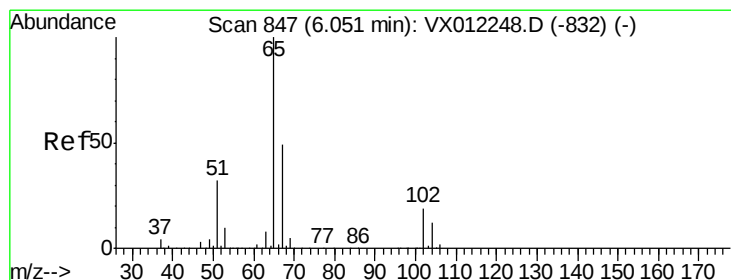
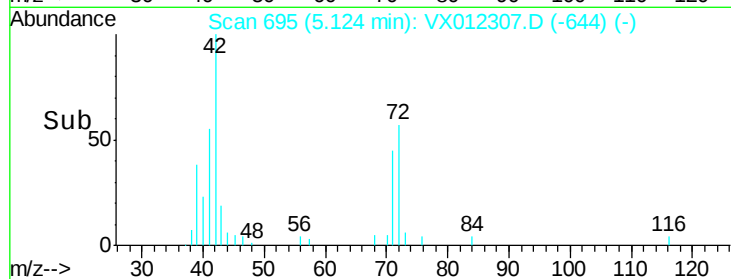
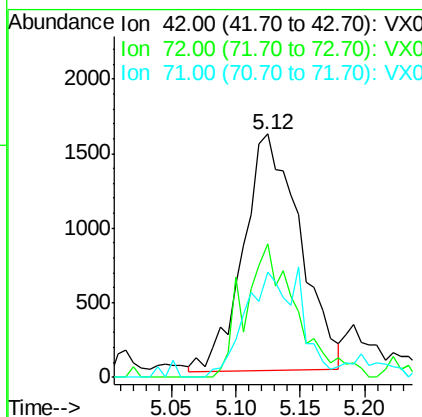
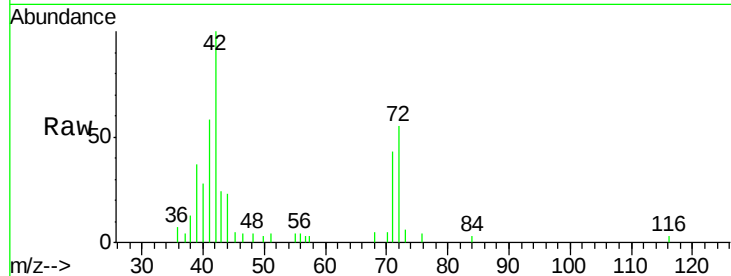




#29
Tetrahydrofuran
Concen: 11.899 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012307.D
Acq: 11 Sep 2019 17:29

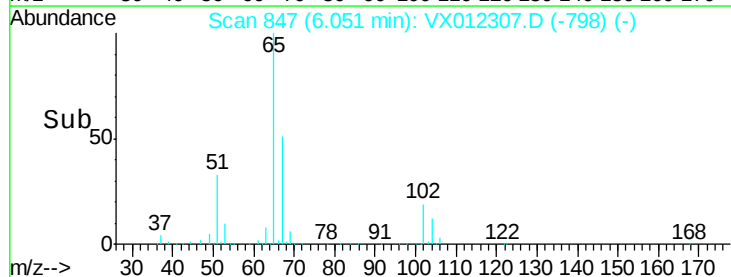
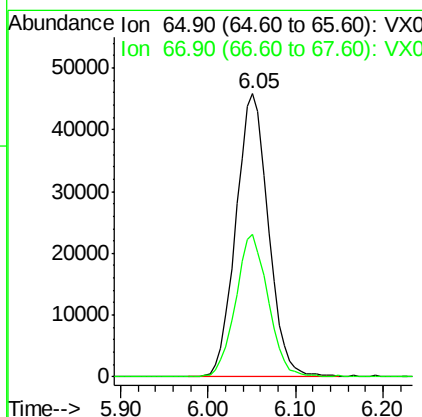
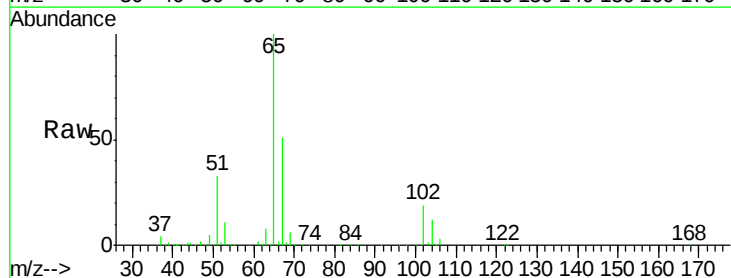
Instrument :
MSVOA_X
ClientSampled :
T11-C2-(4)

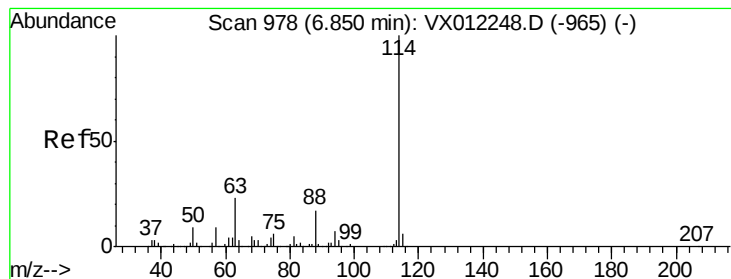
Tot Ion: 42 Resp: 4856
Ion Ratio Lower Upper
42 100
72 52.0 35.2 52.8
71 0.0 32.5 48.7#



#33
1,2-Dichloroethane-d4
Concen: 47.280 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012307.D
Acq: 11 Sep 2019 17:29

Tgt Ion: 65 Resp: 118173
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012307.D

Acq: 11 Sep 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

T11-C2-(4)

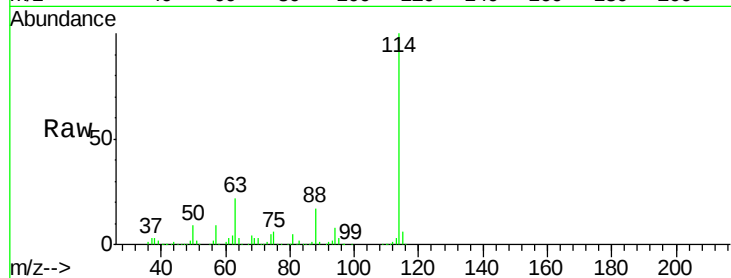
Tot Ion:114 Resp: 307027

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.2

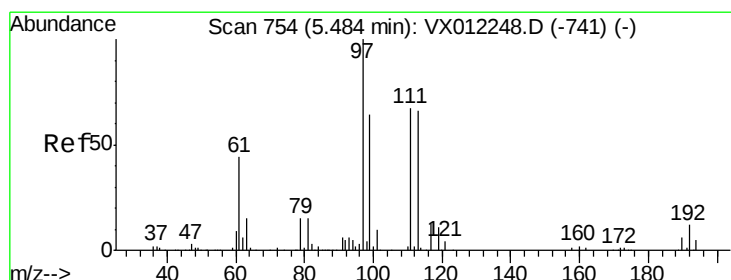
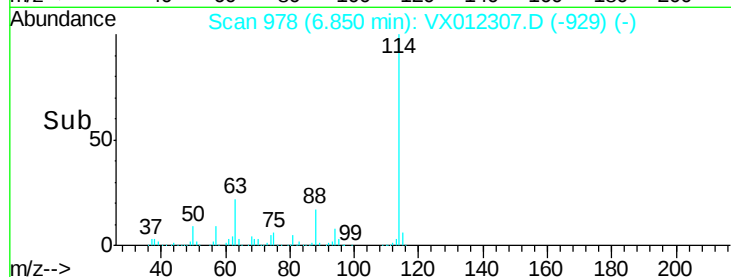
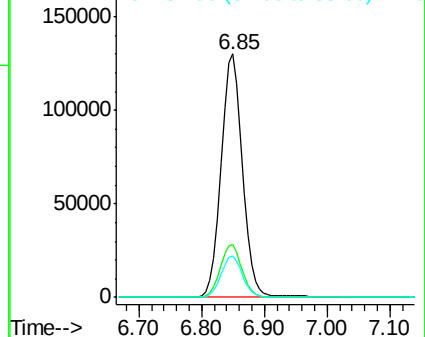
88 16.9 0.0 34.8



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: 47.186 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012307.D

Acq: 11 Sep 2019 17:29

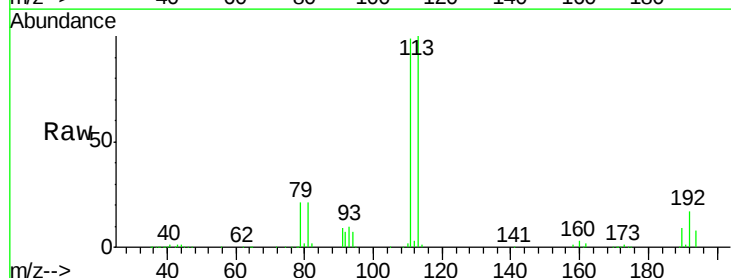
Tgt Ion:113 Resp: 92871

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

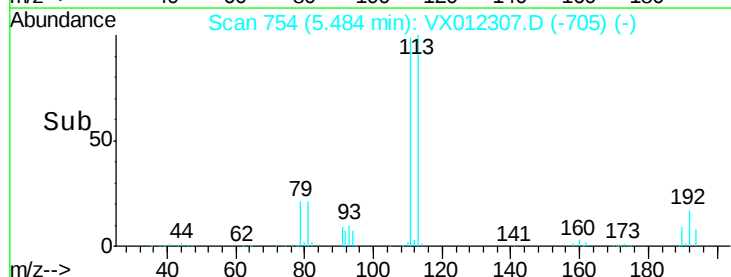
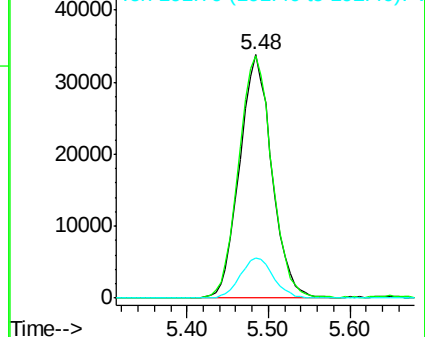
192 17.0 14.3 21.5

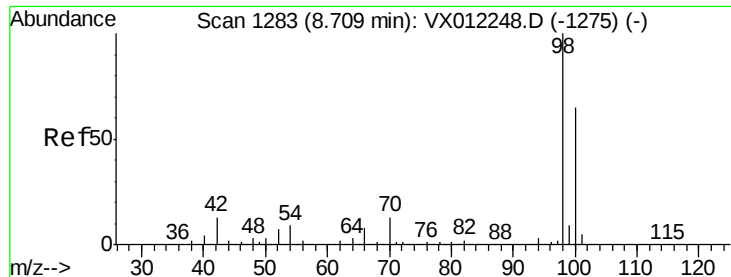


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

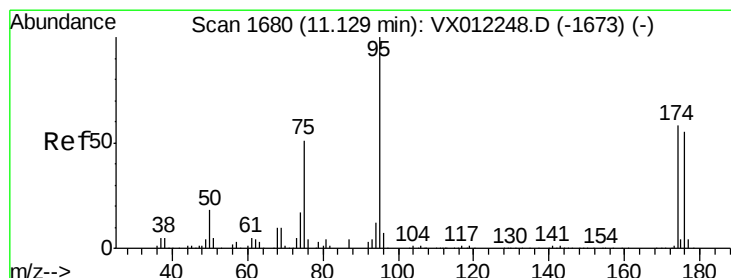
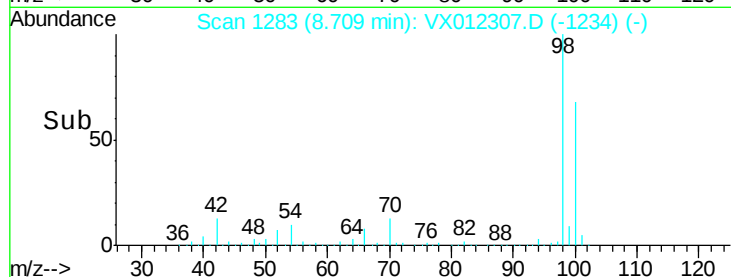
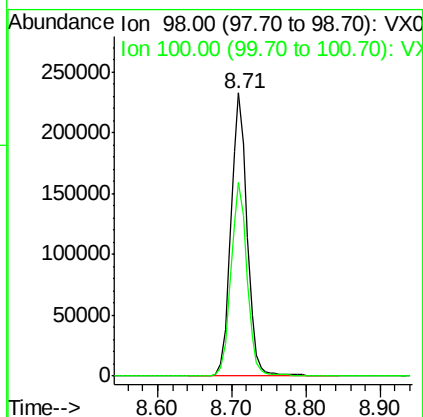
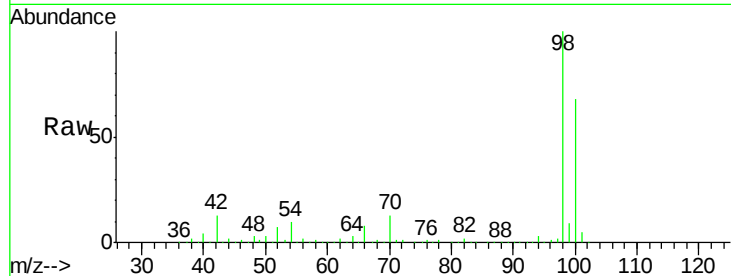




#50
Toluene-d8
Concen: 51.512 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012307.D
Acq: 11 Sep 2019 17:29

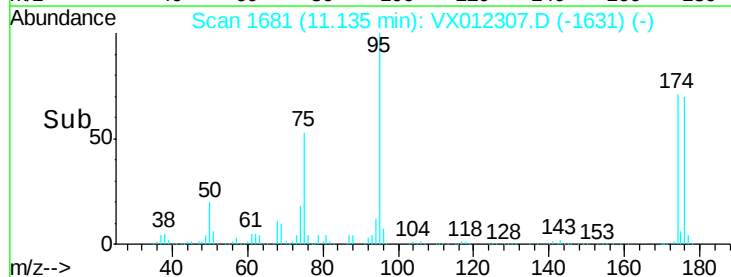
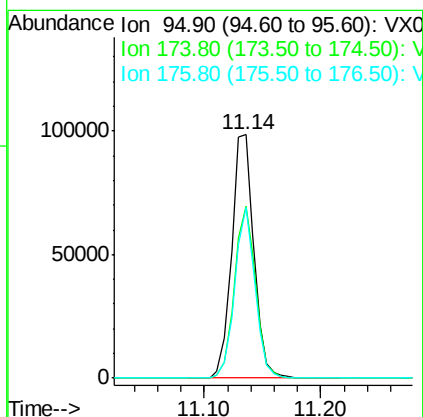
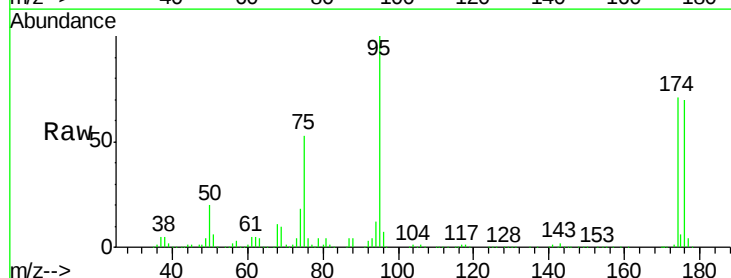
Instrument :
MSVOA_X
ClientSampled :
T11-C2-(4)

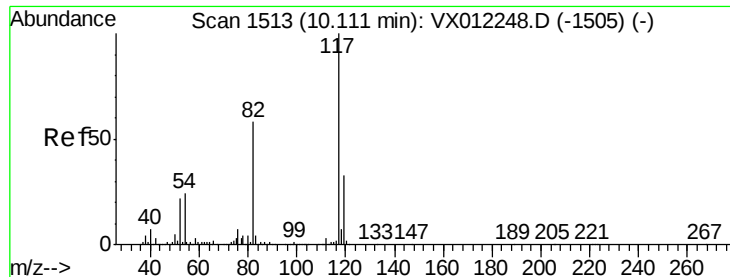
Tot Ion: 98 Resp: 355593
Ion Ratio Lower Upper
98 100
100 68.4 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 40.959 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012307.D
Acq: 11 Sep 2019 17:29

Tgt Ion: 95 Resp: 131082
Ion Ratio Lower Upper
95 100
174 67.6 0.0 127.0
176 64.2 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: VX012307.D

Acq: 11 Sep 2019 17:29

Instrument :

MSVOA_X

ClientSampleId :

T11-C2-(4)

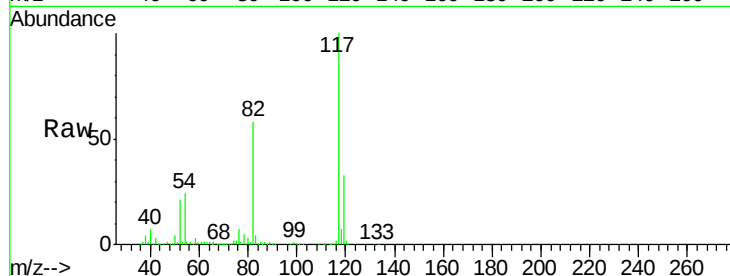
Tot Ion:117 Resp: 261567

Ion Ratio Lower Upper

117 100

82 58.1 46.4 69.6

119 33.5 26.6 39.8



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

250000

200000

150000

100000

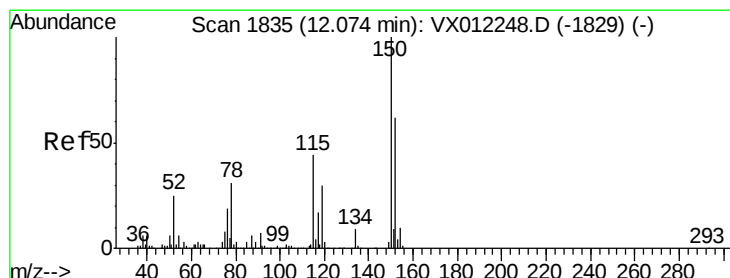
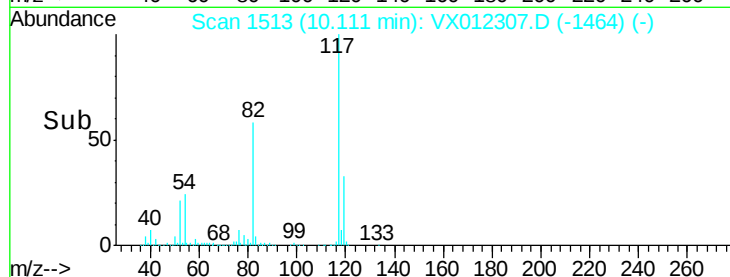
50000

0

10.11

10.00 10.10 10.20

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012307.D

Acq: 11 Sep 2019 17:29

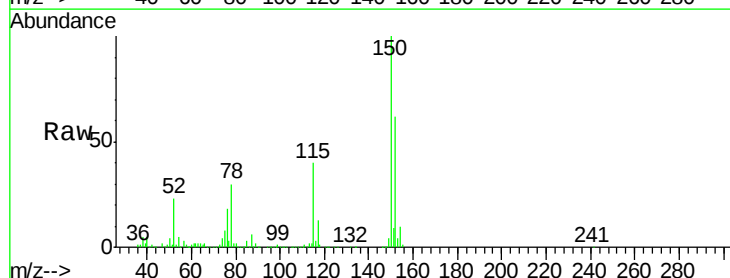
Tgt Ion:152 Resp: 107063

Ion Ratio Lower Upper

152 100

115 64.4 45.5 136.4

150 158.8 0.0 346.4



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

150000

100000

50000

0

12.07

12.00 12.10 12.20

Time-->

