

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012303.D
 Acq On : 11 Sep 2019 15:37
 Operator : SY/SP
 Sample : K4643-12
 Misc : 5.17g/5.0mL/MSVOA X/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-C2-(0)

Quant Time: Sep 12 06:34:39 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

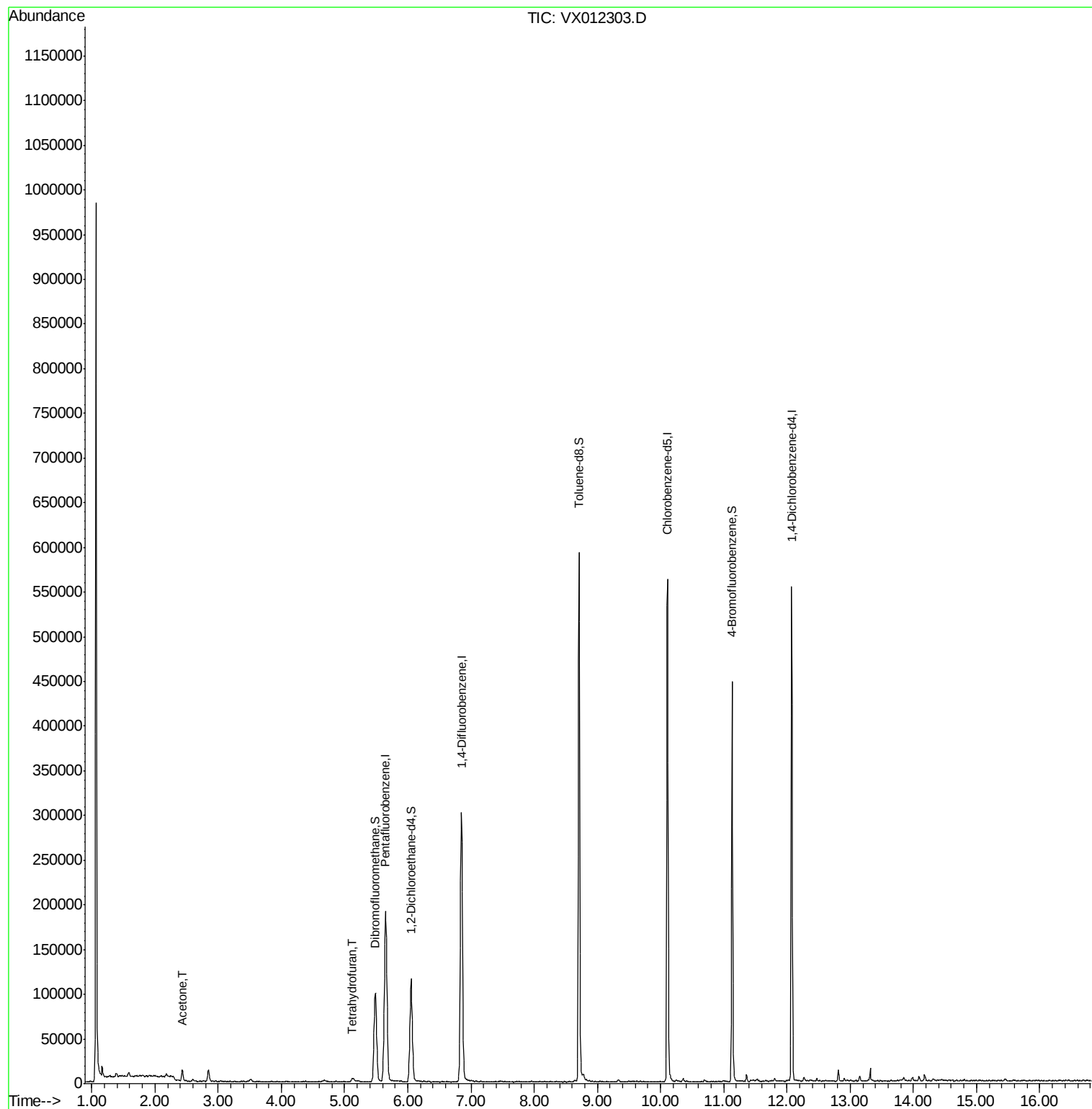
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	284287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	112548	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
35) Dibromofluoromethane	5.49	113	84746	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
50) Toluene-d8	8.71	98	335464	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
62) 4-Bromofluorobenzene	11.14	95	125873	42.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.96%	
Target Compounds						
16) Acetone	2.43	43	13322	24.549	ug/l	99
29) Tetrahydrofuran	5.12	42	4497	12.015	ug/l	98

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

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Quant Time: Sep 12 06:34:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
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# 782

Delta R.T. 0.01 min

Lab File: VX012303.D

Acq: 11 Sep 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

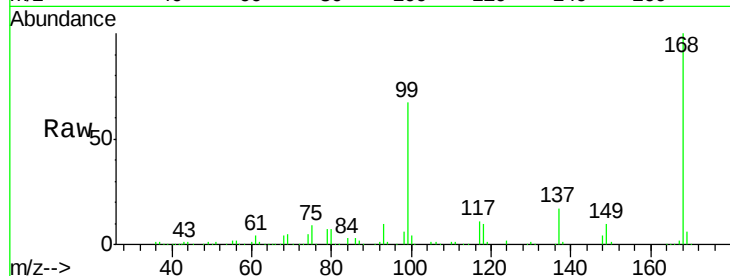
T11-C2-(0)

Tot Ion:168 Resp: 162141

Ion Ratio Lower Upper

168 100

99 67.2 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

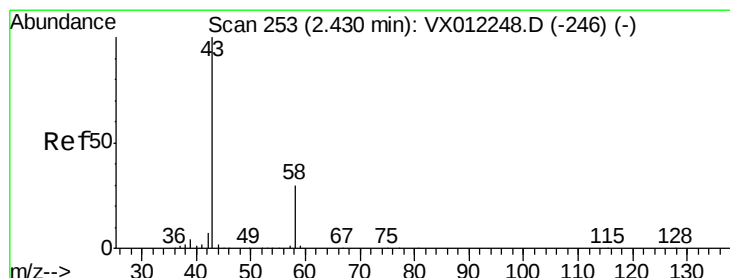
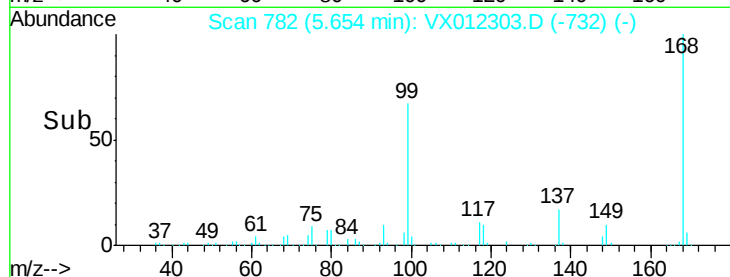
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 24.549 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012303.D

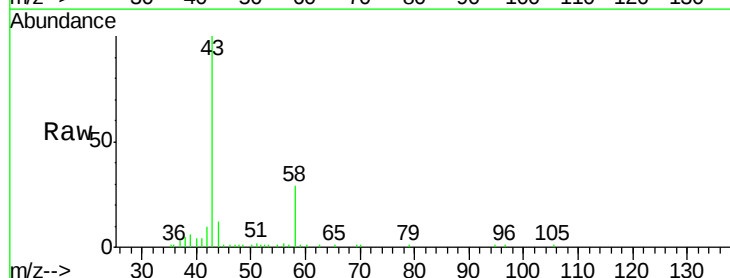
Acq: 11 Sep 2019 15:37

Tgt Ion: 43 Resp: 13322

Ion Ratio Lower Upper

43 100

58 29.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

8000

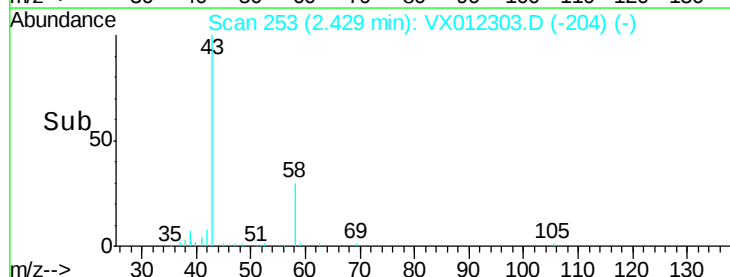
6000

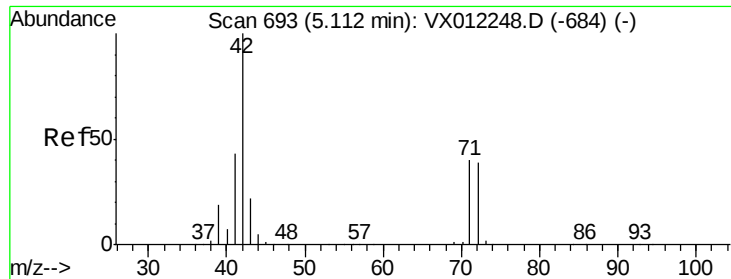
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

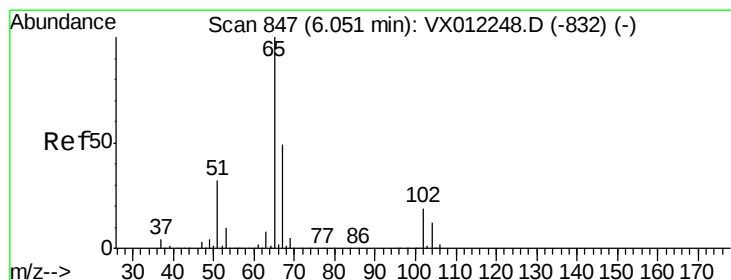
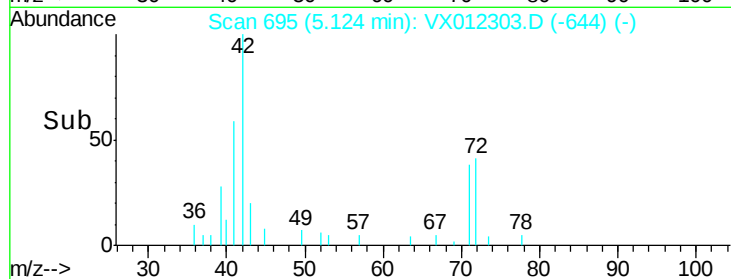
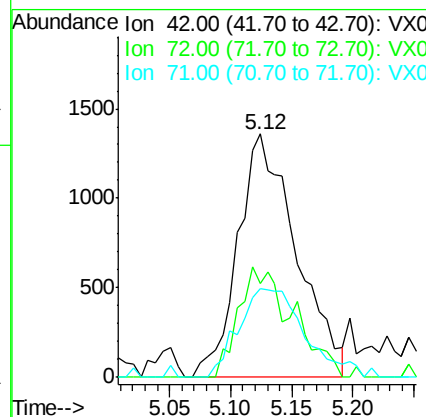
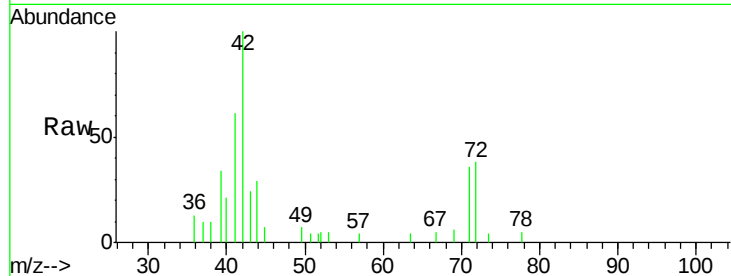




#29
Tetrahydrofuran
Concen: 12.015 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012303.D
Acq: 11 Sep 2019 15:37

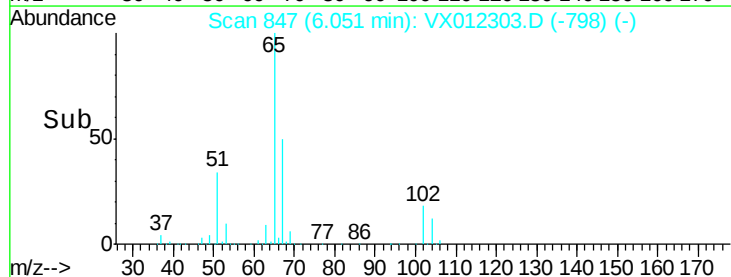
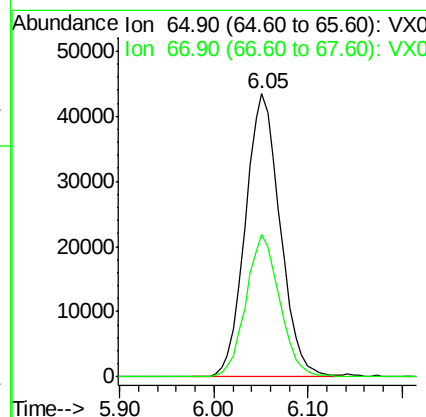
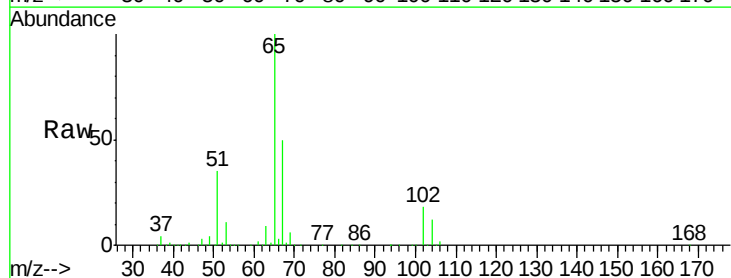
Instrument :
MSVOA_X
ClientSampled :
T11-C2-(0)

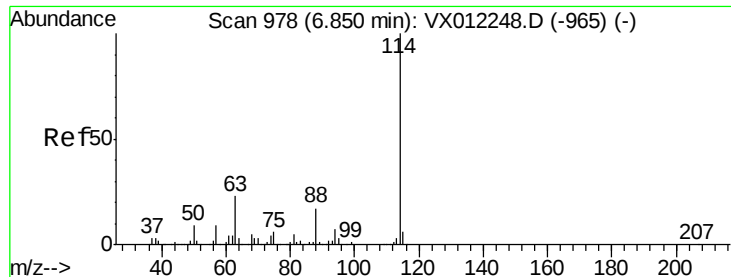
Tot Ion: 42 Resp: 4497
Ion Ratio Lower Upper
42 100
72 42.3 35.2 52.8
71 41.9 32.5 48.7



#33
1,2-Dichloroethane-d4
Concen: 49.097 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012303.D
Acq: 11 Sep 2019 15:37

Tgt Ion: 65 Resp: 112548
Ion Ratio Lower Upper
65 100
67 48.9 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: VX012303.D

Acq: 11 Sep 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

T11-C2-(0)

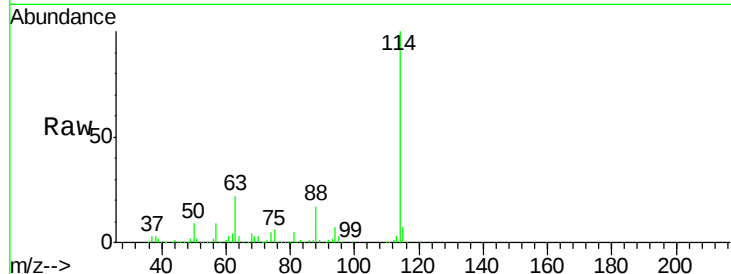
Tot Ion:114 Resp: 284287

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.2

88 16.8 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

150000

100000

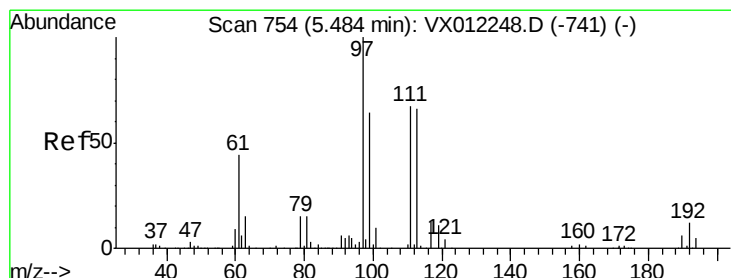
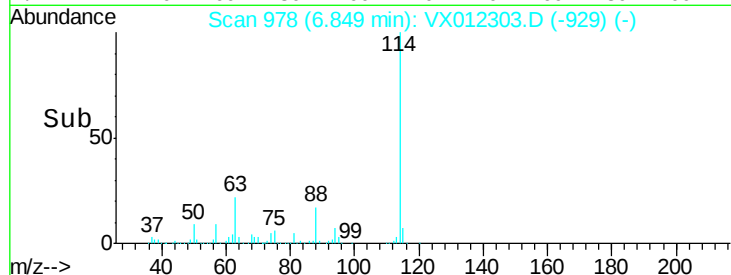
50000

0

6.85

6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 46.502 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012303.D

Acq: 11 Sep 2019 15:37

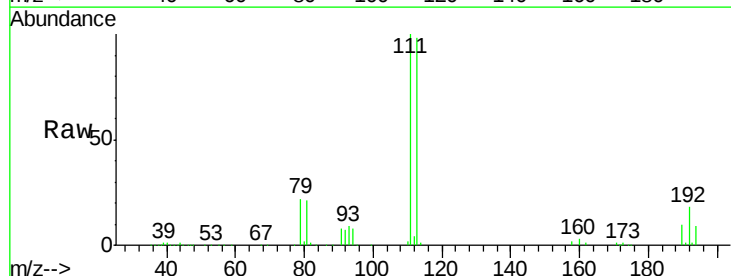
Tgt Ion:113 Resp: 84746

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.6

192 17.9 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

40000

30000

20000

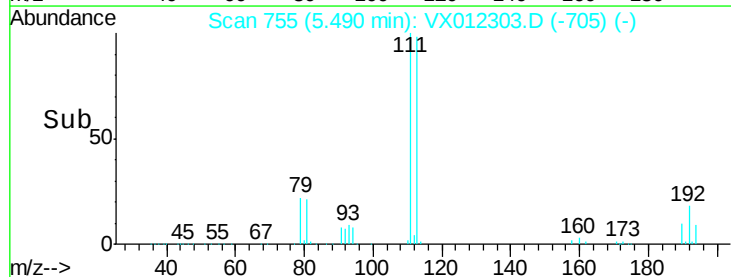
10000

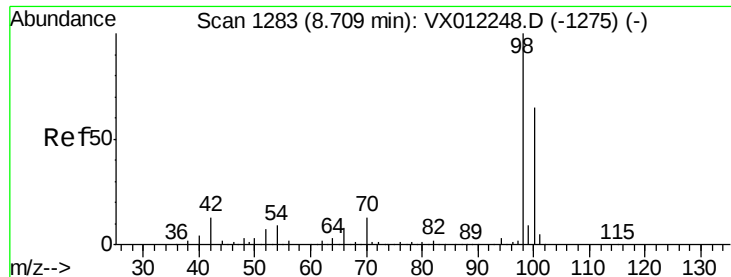
0

5.49

5.40 5.60

Time-->





#50

Toluene-d8

Concen: 52.483 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012303.D

Acq: 11 Sep 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

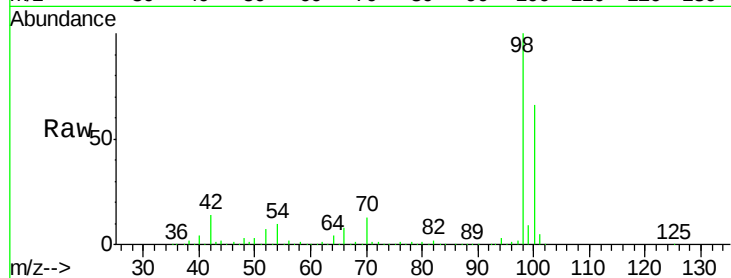
T11-C2-(0)

Tot Ion: 98 Resp: 335464

Ion Ratio Lower Upper

98 100

100 67.0 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

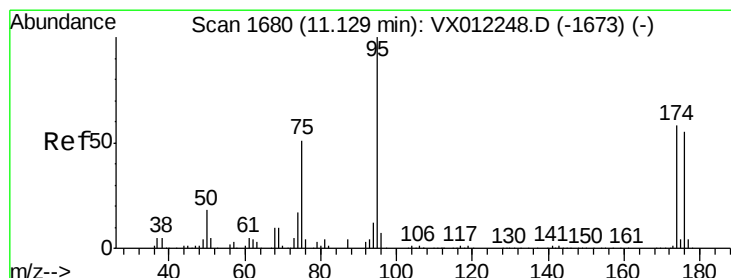
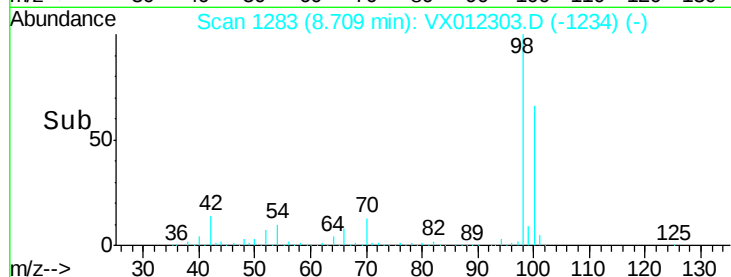
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 42.478 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012303.D

Acq: 11 Sep 2019 15:37

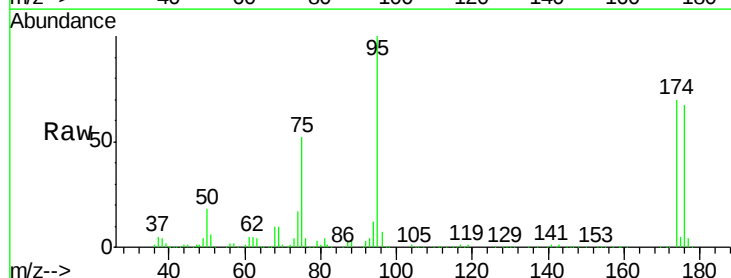
Tgt Ion: 95 Resp: 125873

Ion Ratio Lower Upper

95 100

174 66.9 0.0 127.0

176 64.7 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

40000

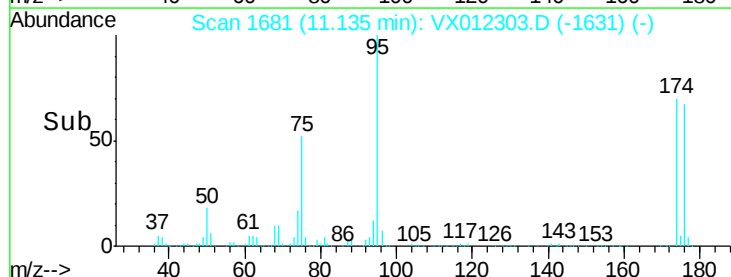
20000

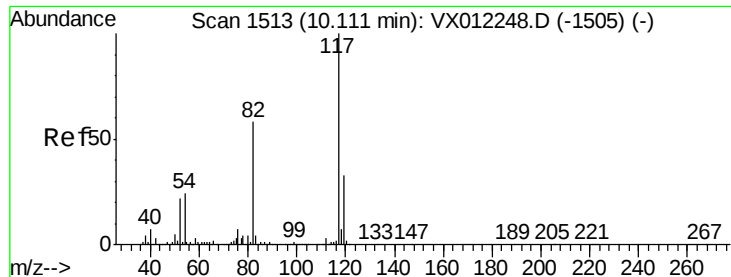
0

11.10

11.20

Time-->

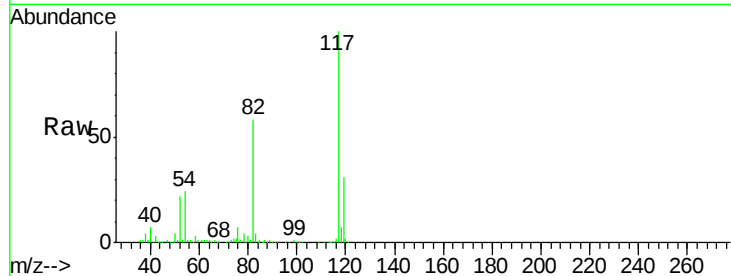




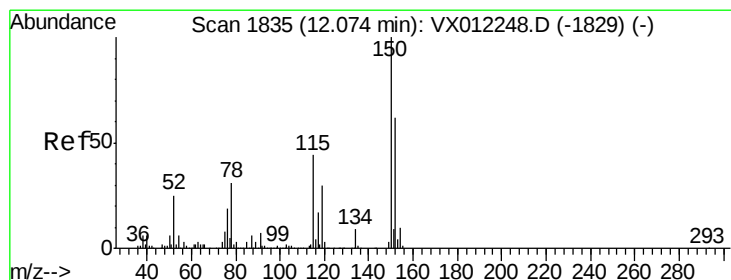
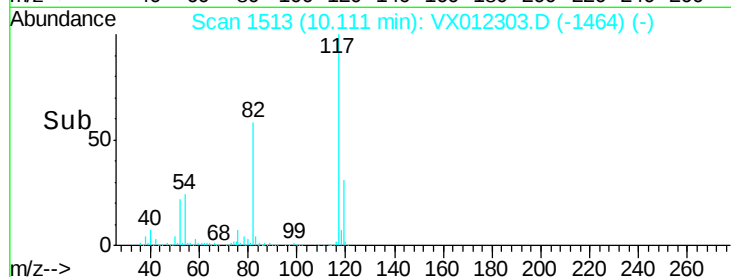
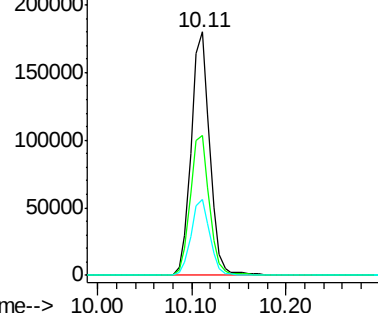
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012303.D
Acq: 11 Sep 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
T11-C2-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.4	69.6
119	31.1	26.6	39.8

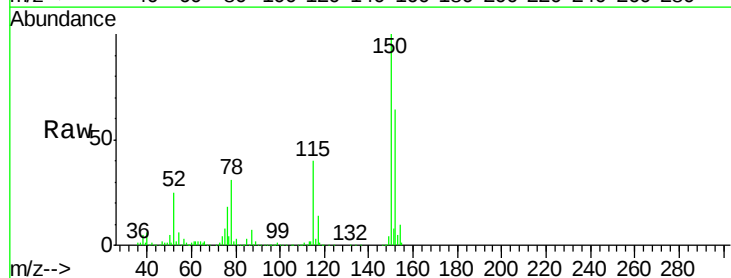


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012303.D
Acq: 11 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	45.5	136.4
150	154.1	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

