

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012310.D
 Acq On : 11 Sep 2019 18:54
 Operator : SY/SP
 Sample : K4643-20
 Misc : 2.72g/5.0mL/MSVOA X/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-D1-(0)

Quant Time: Sep 12 06:47:20 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

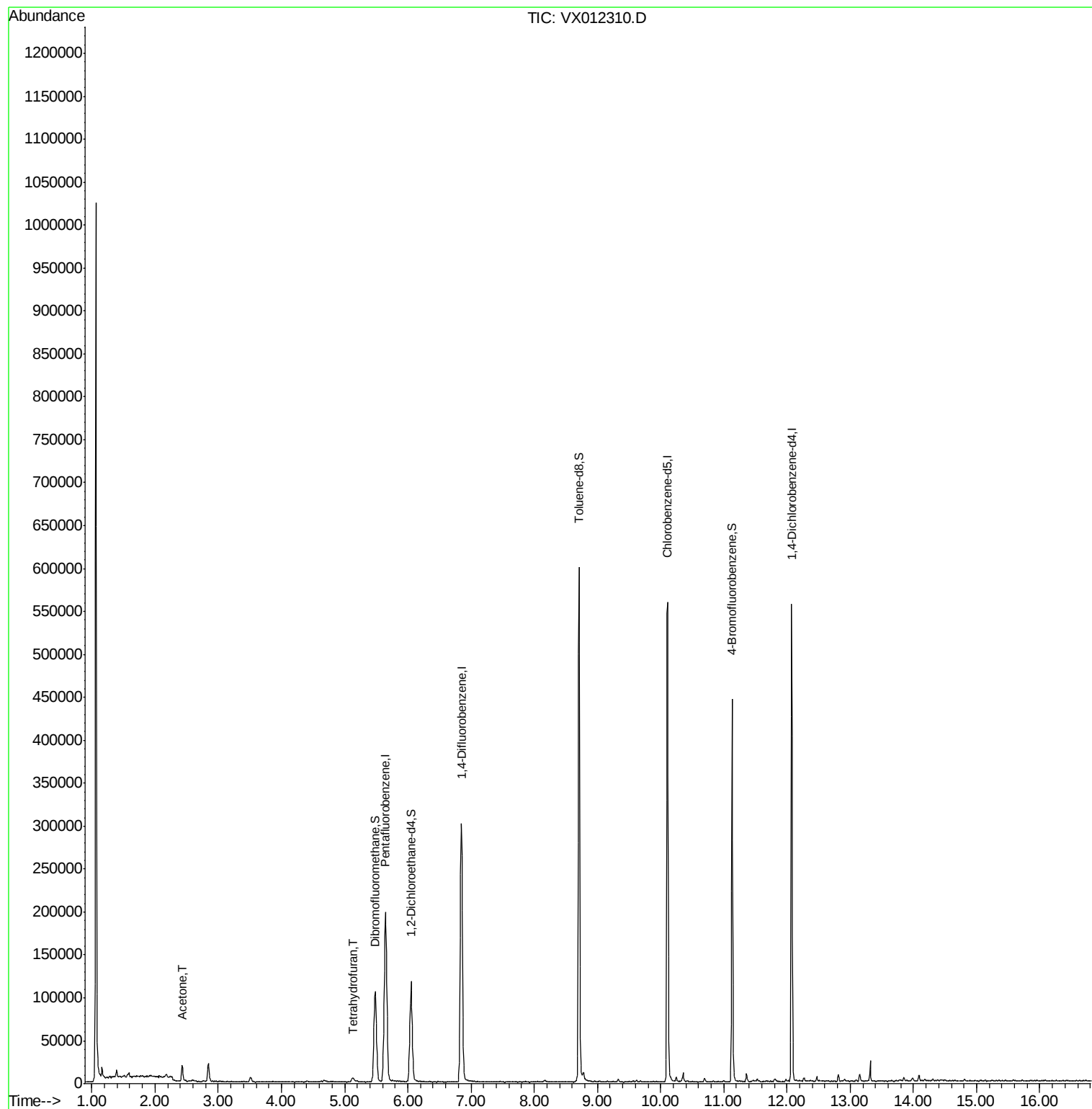
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	291613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	114025	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
35) Dibromofluoromethane	5.48	113	87735	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
50) Toluene-d8	8.71	98	343638	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
62) 4-Bromofluorobenzene	11.14	95	127181	41.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.68%	
Target Compounds						
16) Acetone	2.43	43	19934	35.676	ug/l	94
29) Tetrahydrofuran	5.12	42	4437	11.513	ug/l	95

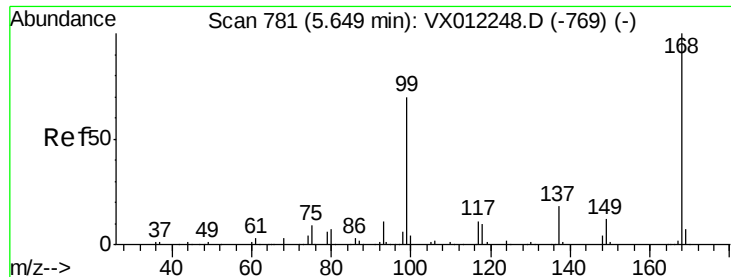
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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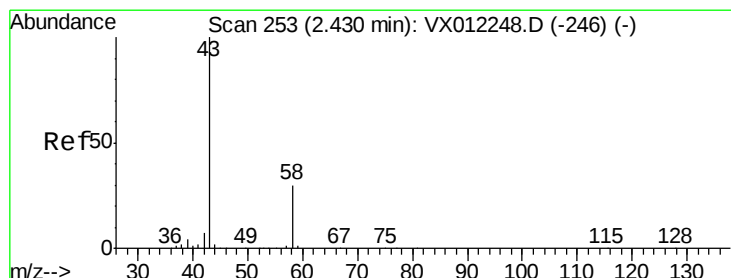
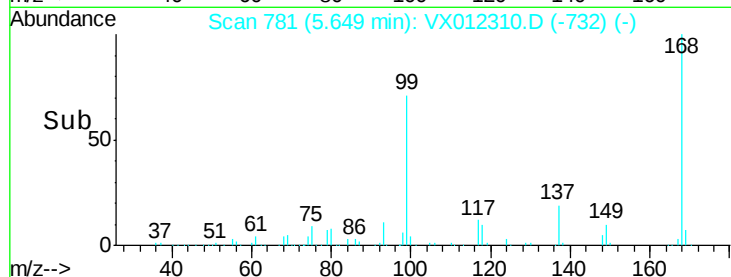
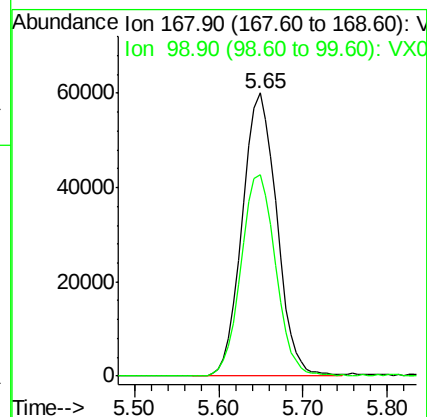
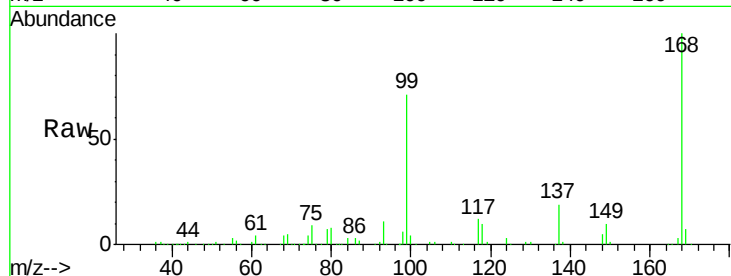




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012310.D
Acq: 11 Sep 2019 18:54

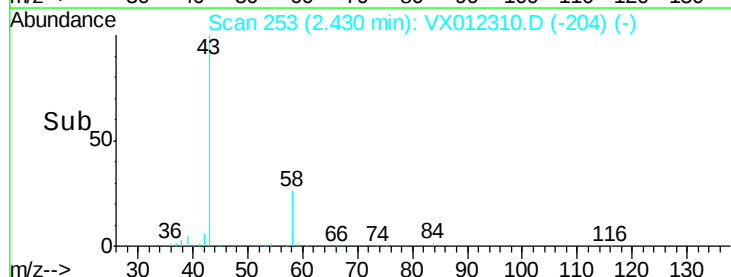
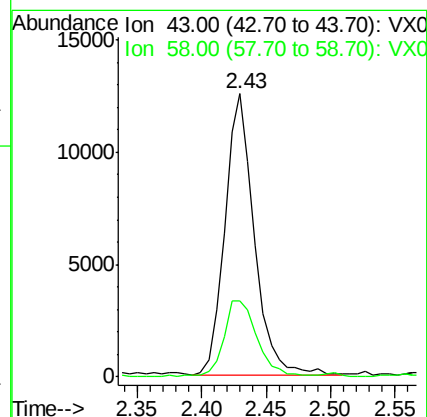
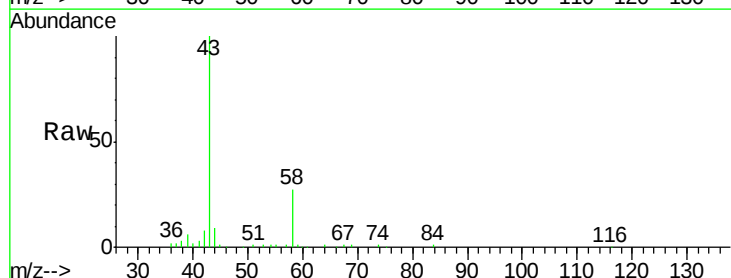
Instrument :
MSVOA_X
ClientSampleId :
T11-D1-(0)

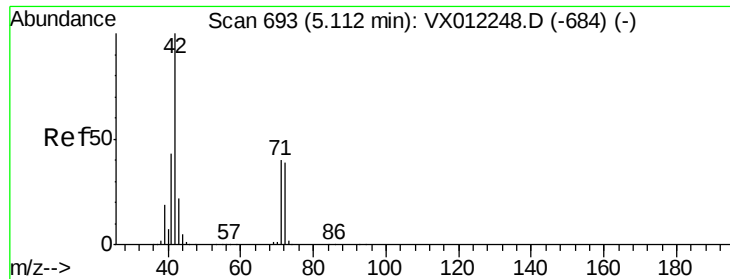
Tot Ion:168 Resp: 166944
Ion Ratio Lower Upper
168 100
99 71.2 55.8 83.6



#16
Acetone
Concen: 35.676 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX012310.D
Acq: 11 Sep 2019 18:54

Tgt Ion: 43 Resp: 19934
Ion Ratio Lower Upper
43 100
58 26.5 23.6 35.4

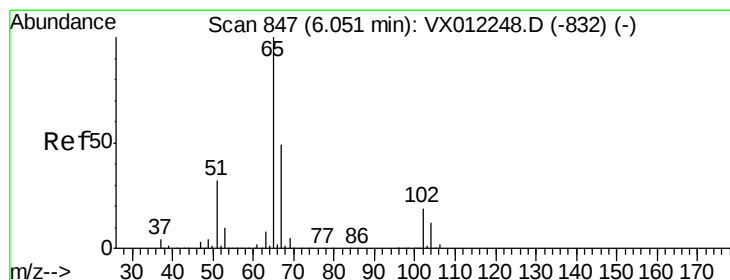
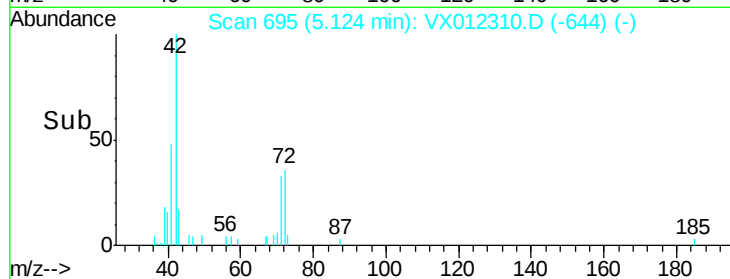
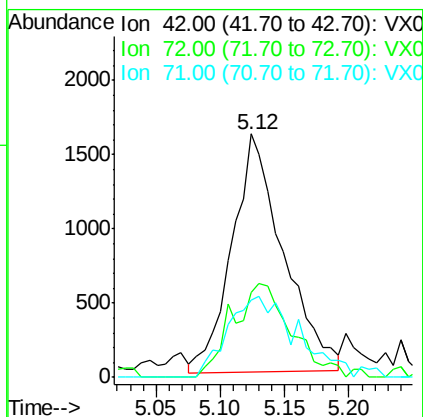
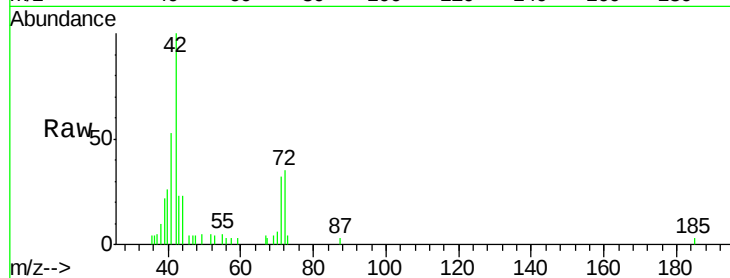




#29
Tetrahydrofuran
Concen: 11.513 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012310.D
Acq: 11 Sep 2019 18:54

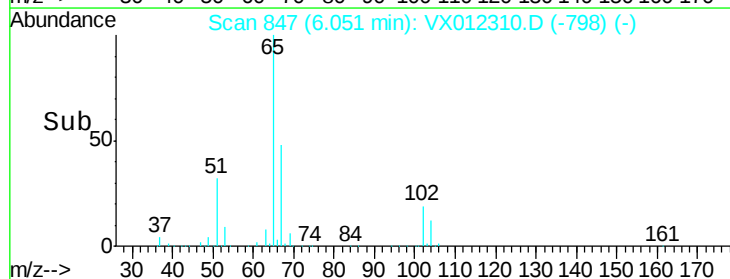
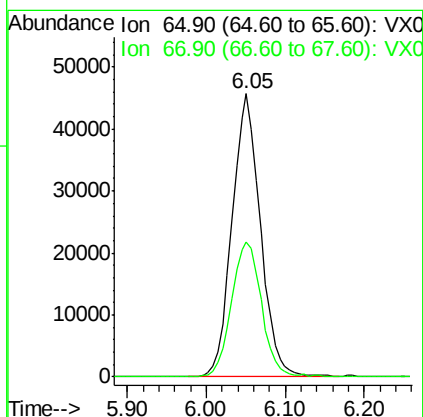
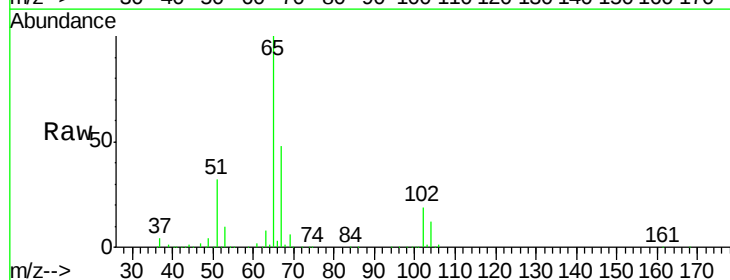
Instrument :
MSVOA_X
ClientSampleId :
T11-D1-(0)

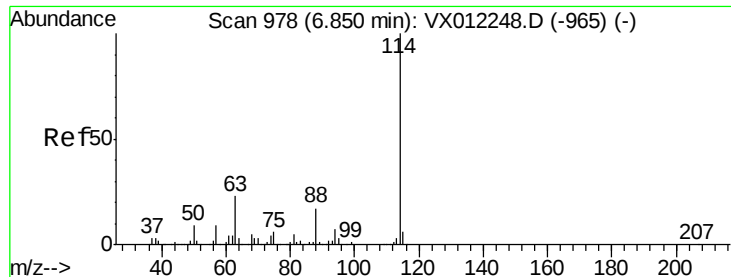
Tot Ion: 42 Resp: 4437
Ion Ratio Lower Upper
42 100
72 45.2 35.2 52.8
71 46.1 32.5 48.7



#33
1,2-Dichloroethane-d4
Concen: 48.310 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012310.D
Acq: 11 Sep 2019 18:54

Tgt Ion: 65 Resp: 114025
Ion Ratio Lower Upper
65 100
67 50.6 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: VX012310.D

Acq: 11 Sep 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

T11-D1-(0)

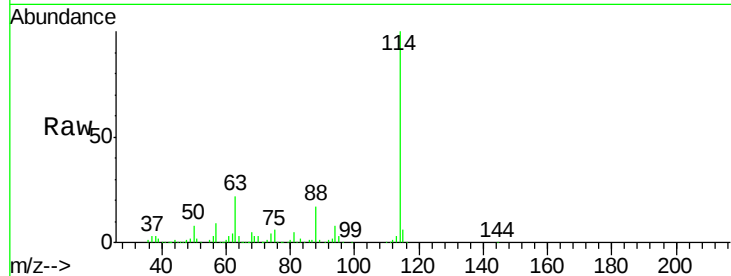
Tot Ion:114 Resp: 291613

Ion Ratio Lower Upper

114 100

63 22.3 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

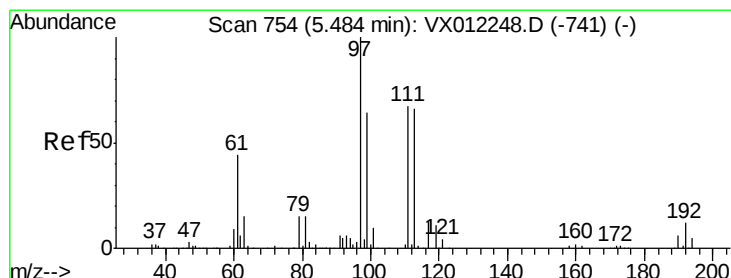
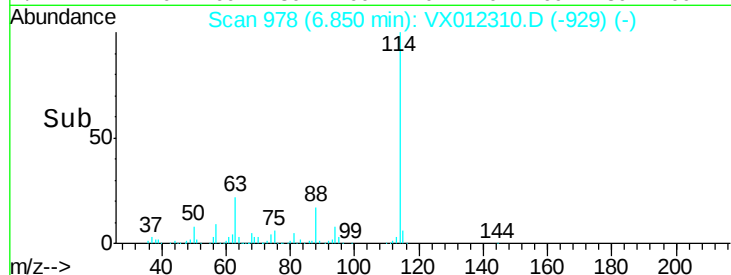
50000

0

6.85

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 46.933 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012310.D

Acq: 11 Sep 2019 18:54

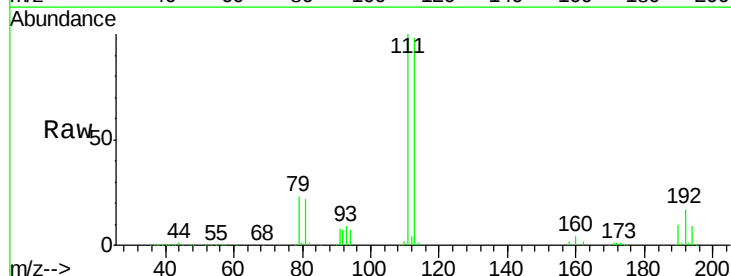
Tgt Ion:113 Resp: 87735

Ion Ratio Lower Upper

113 100

111 103.4 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

40000

30000

20000

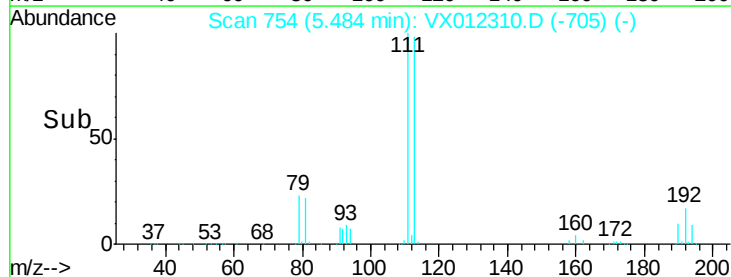
10000

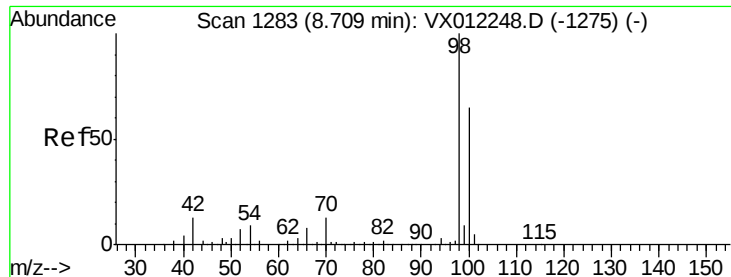
0

5.48

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 52.411 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012310.D

Acq: 11 Sep 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

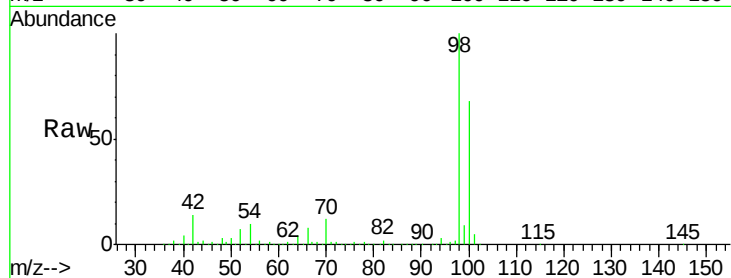
T11-D1-(0)

Tot Ion: 98 Resp: 343638

Ion Ratio Lower Upper

98 100

100 67.1 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

150000

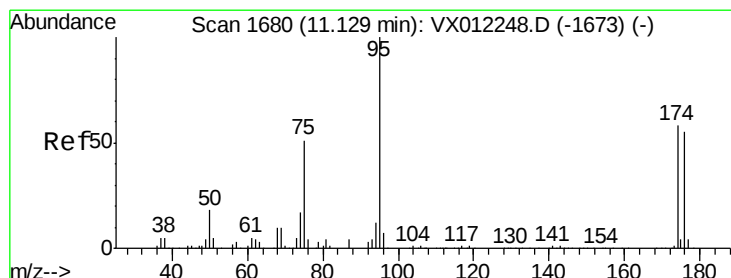
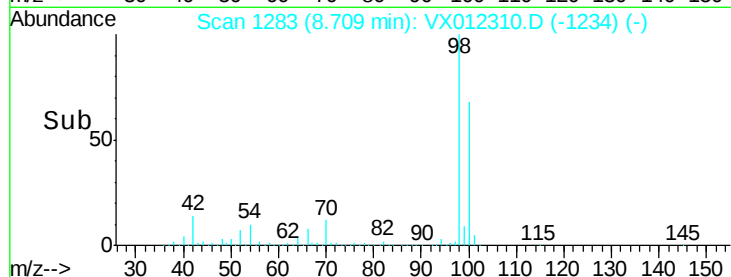
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 41.841 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012310.D

Acq: 11 Sep 2019 18:54

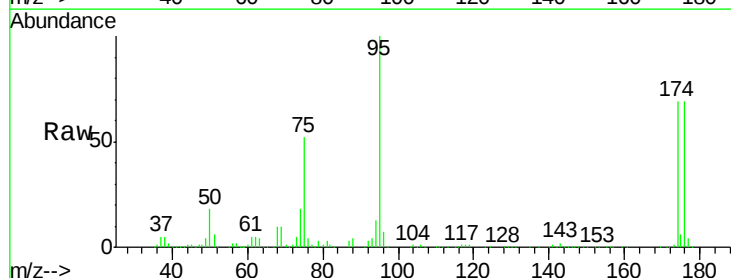
Tgt Ion: 95 Resp: 127181

Ion Ratio Lower Upper

95 100

174 66.4 0.0 127.0

176 64.0 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

11.14

120000

100000

80000

60000

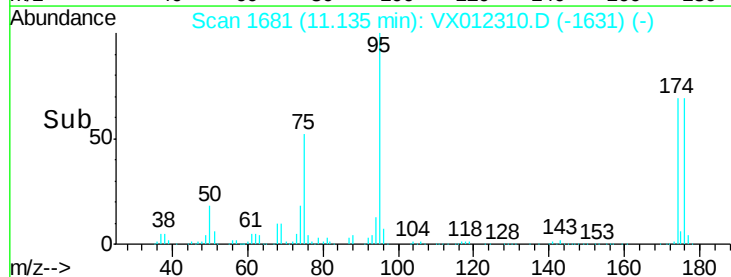
40000

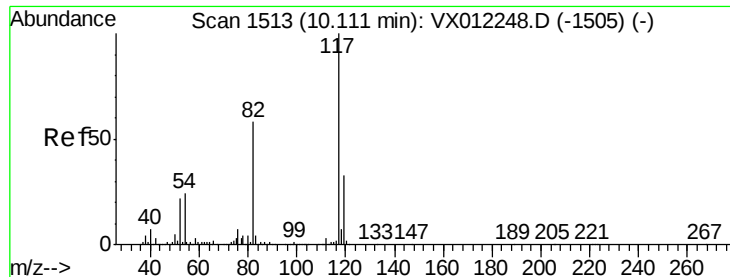
20000

0

Time-->

11.10 11.20

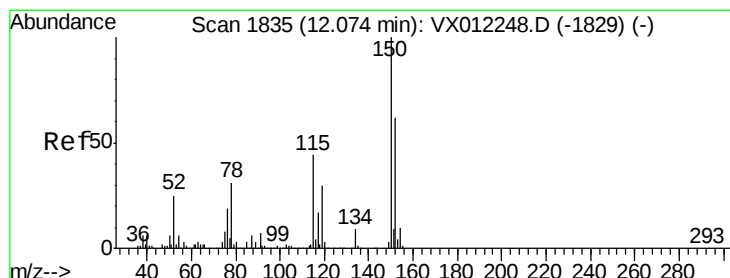
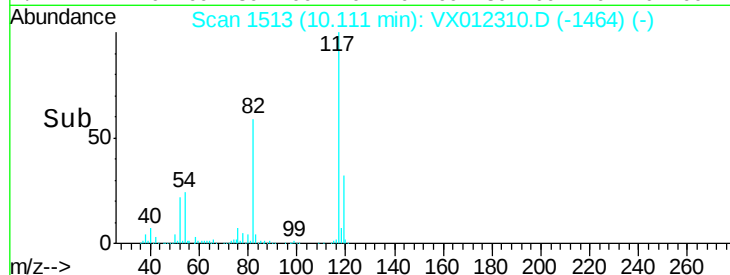
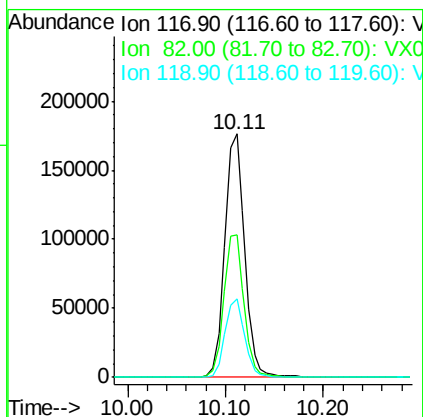
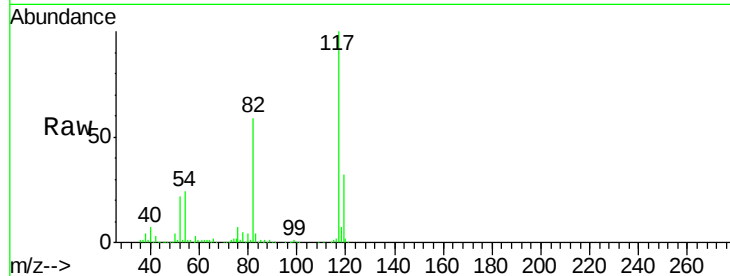




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012310.D
Acq: 11 Sep 2019 18:54

Instrument :
MSVOA_X
ClientSampleId :
T11-D1-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.4	69.6
119	32.4	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: VX012310.D
Acq: 11 Sep 2019 18:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.6	45.5	136.4
150	154.7	0.0	346.4

