

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091119\
 Data File : VX012305.D
 Acq On : 11 Sep 2019 16:33
 Operator : SY/SP
 Sample : K4643-14
 Misc : 5.14g/5.0mL/MSVOA X/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-C4-(0)

Quant Time: Sep 12 06:37:53 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

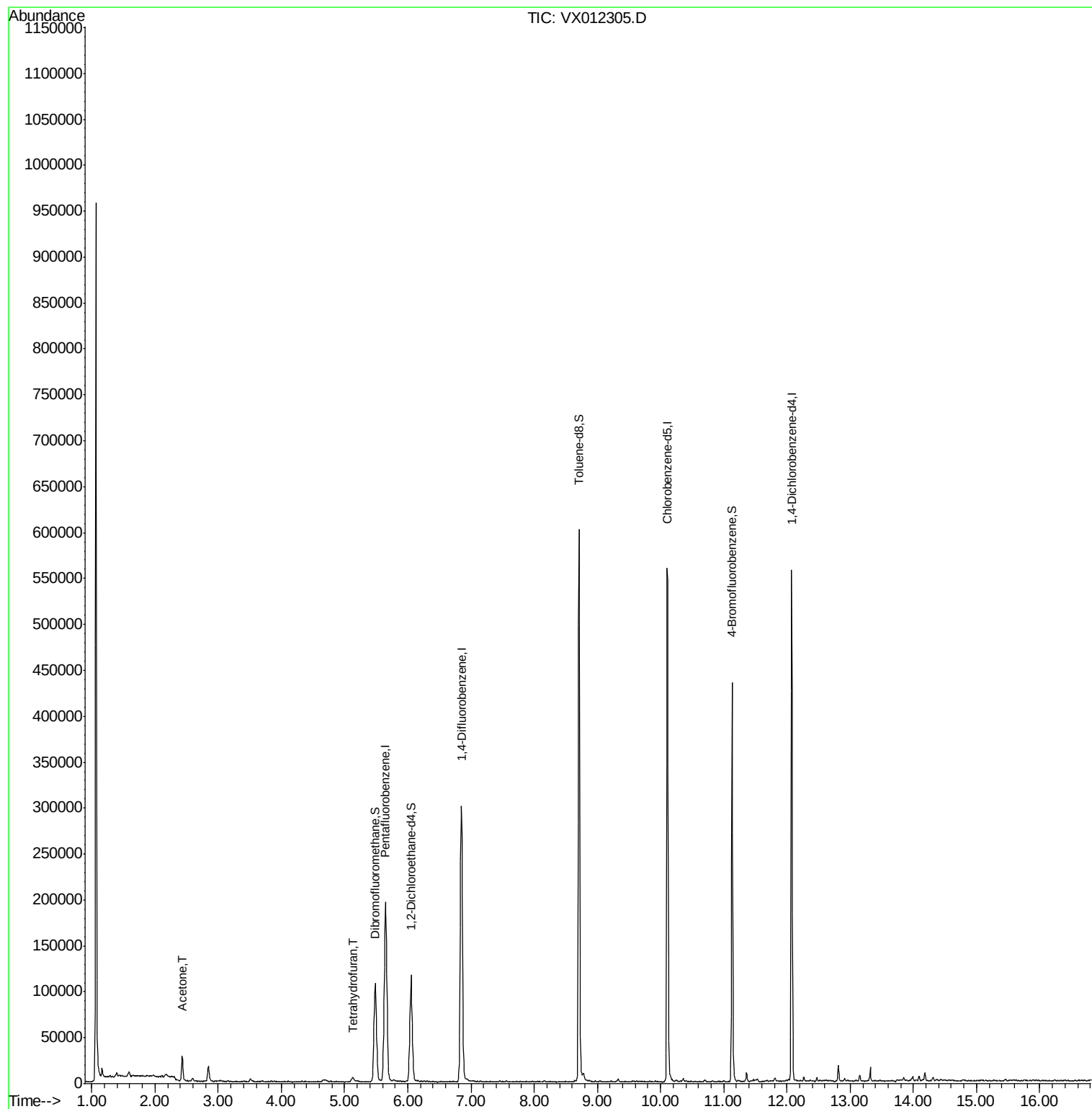
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	113904	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
35) Dibromofluoromethane	5.48	113	87526	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	8.71	98	344136	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
62) 4-Bromofluorobenzene	11.13	95	126513	42.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.26%	
Target Compounds						
16) Acetone	2.43	43	27908	49.301	ug/l	99
29) Tetrahydrofuran	5.13	42	4244	10.870	ug/l	96

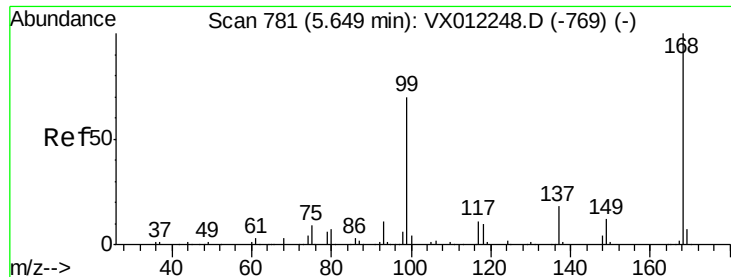
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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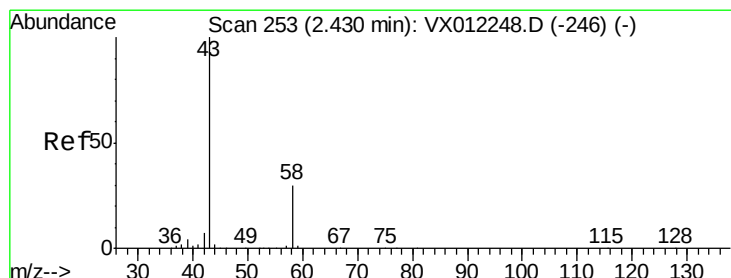
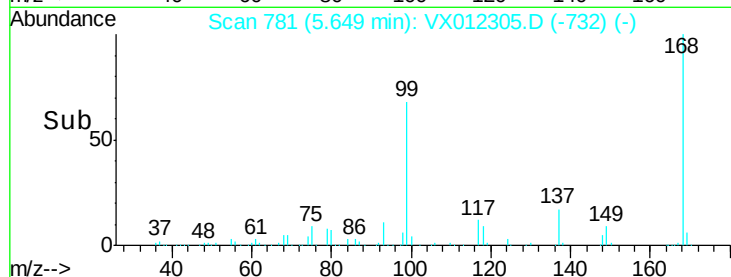
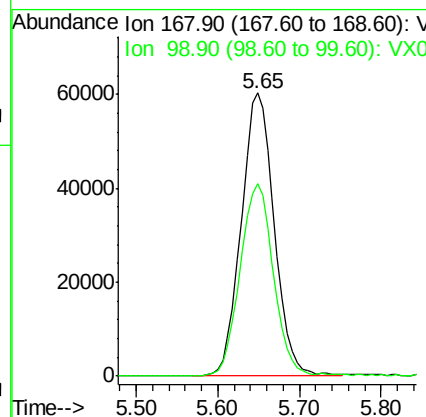
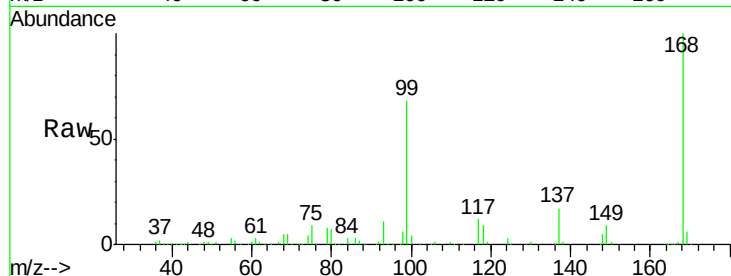




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012305.D
Acq: 11 Sep 2019 16:33

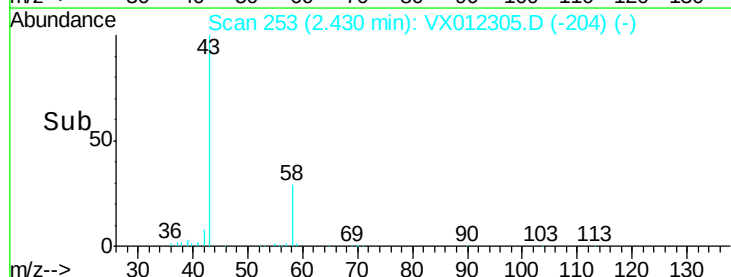
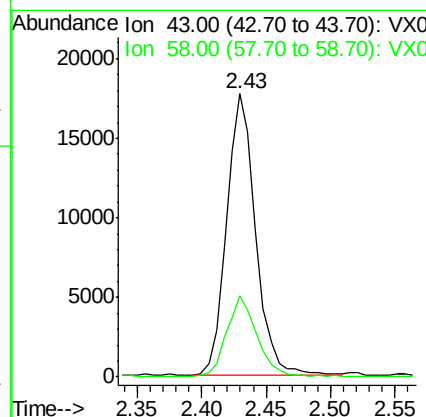
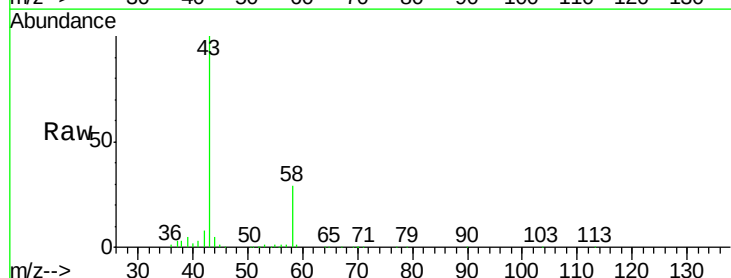
Instrument :
MSVOA_X
ClientSampleId :
T11-C4-(0)

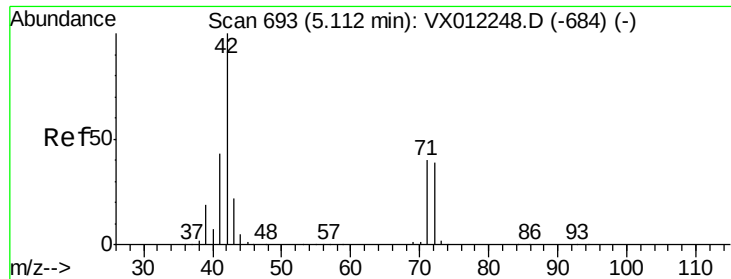
Tot Ion:168 Resp: 169133
Ion Ratio Lower Upper
168 100
99 67.9 55.8 83.6



#16
Acetone
Concen: 49.301 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX012305.D
Acq: 11 Sep 2019 16:33

Tgt Ion: 43 Resp: 27908
Ion Ratio Lower Upper
43 100
58 29.1 23.6 35.4





#29

Tetrahydrofuran

Concen: 10.870 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012305.D

Acq: 11 Sep 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

T11-C4-(0)

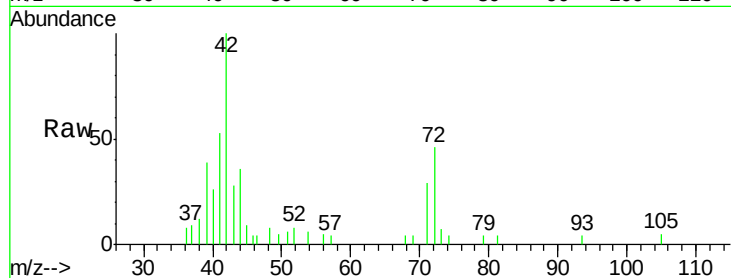
Tot Ion: 42 Resp: 4244

Ion Ratio Lower Upper

42 100

72 42.9 35.2 52.8

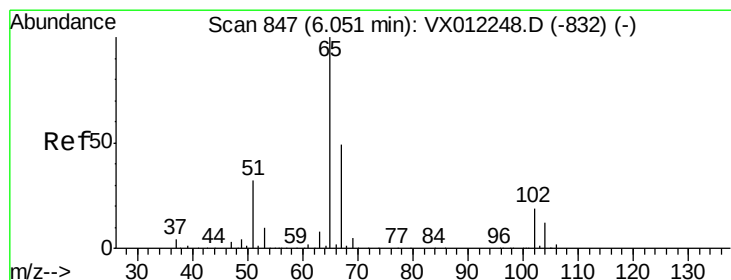
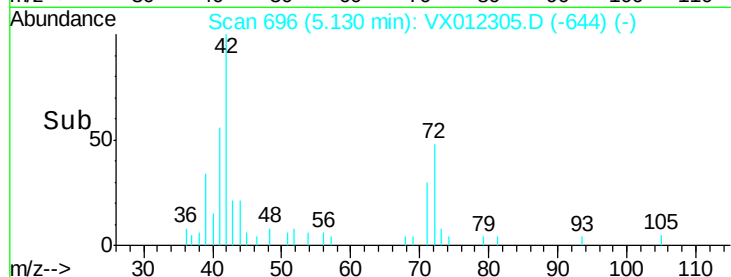
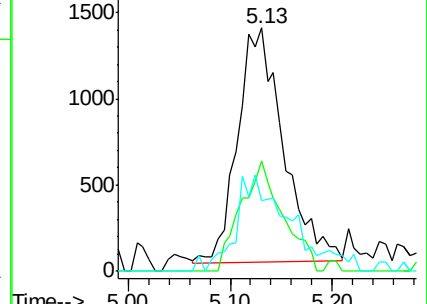
71 44.3 32.5 48.7



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: 47.634 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012305.D

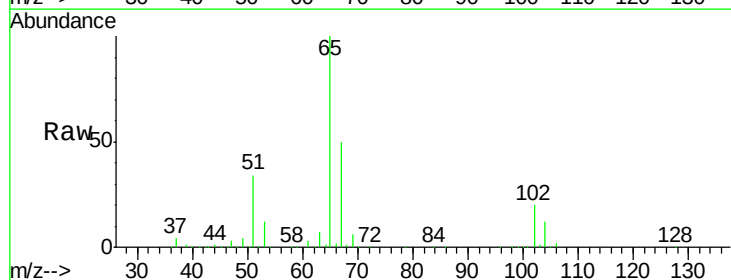
Acq: 11 Sep 2019 16:33

Tgt Ion: 65 Resp: 113904

Ion Ratio Lower Upper

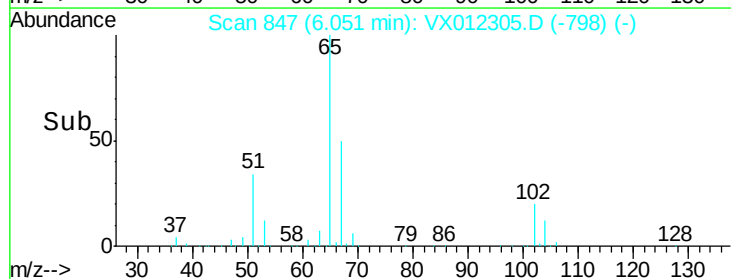
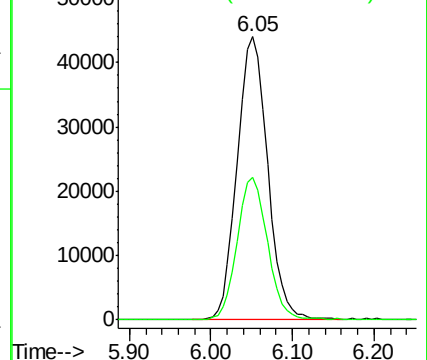
65 100

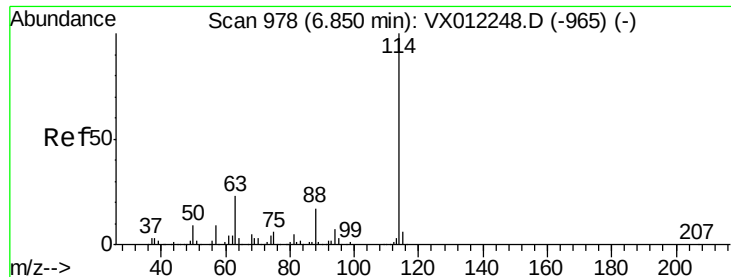
67 50.2 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

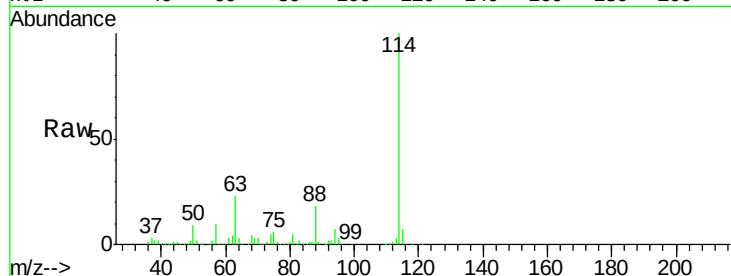




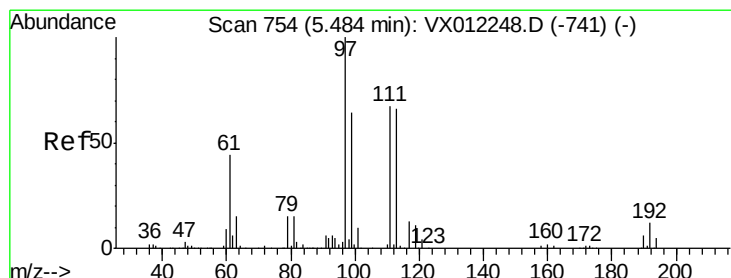
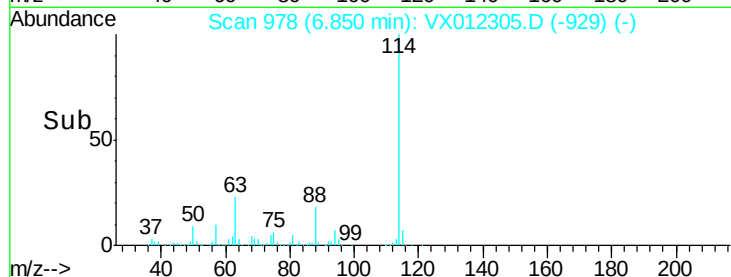
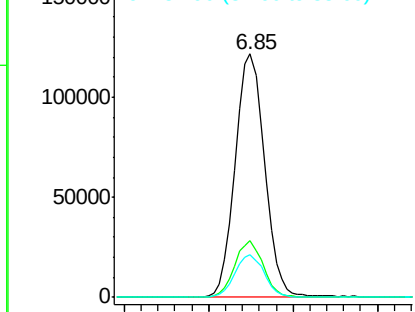
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012305.D
 Acq: 11 Sep 2019 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-C4-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.2
88	17.7	0.0	34.8

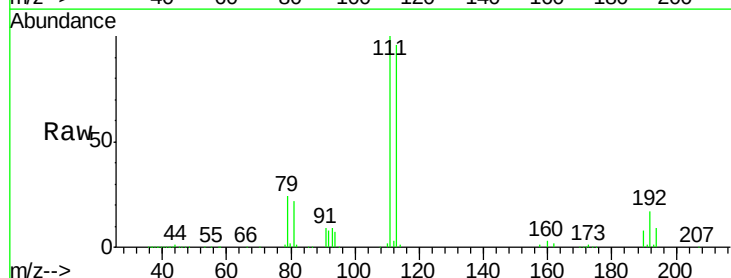


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

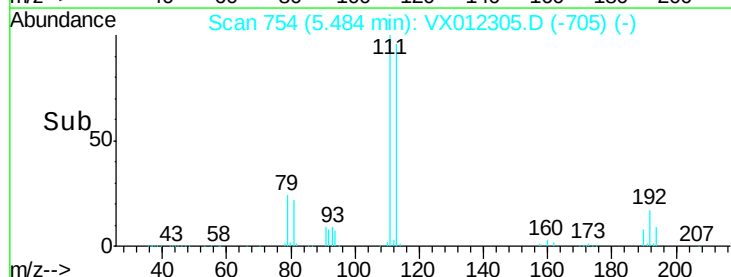
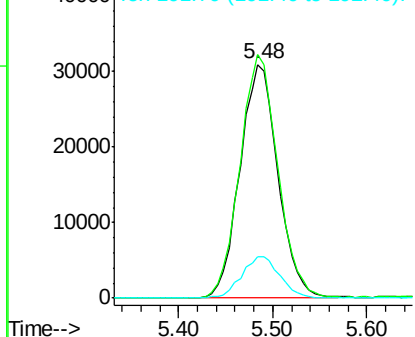


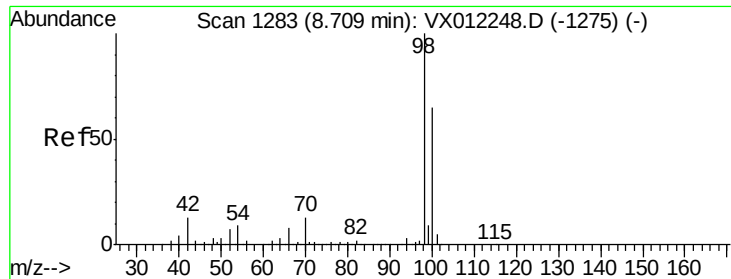
#35
 Dibromofluoromethane
 Concen: 47.389 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX012305.D
 Acq: 11 Sep 2019 16:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	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





#50

Toluene-d8

Concen: 53.124 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012305.D

Acq: 11 Sep 2019 16:33

Instrument :

MSVOA_X

ClientSampleId :

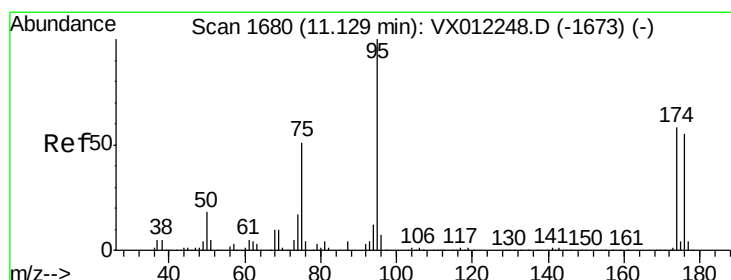
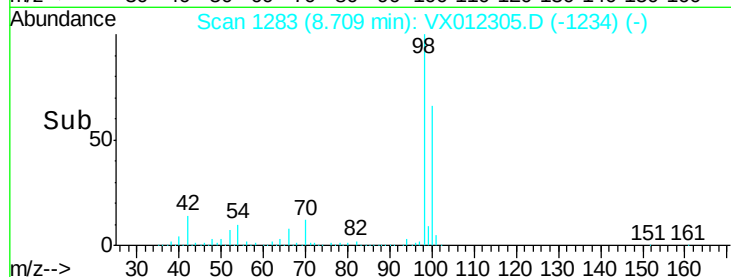
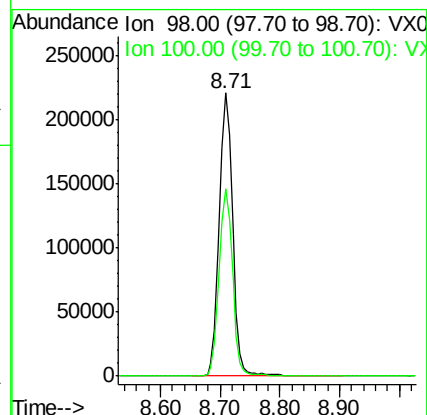
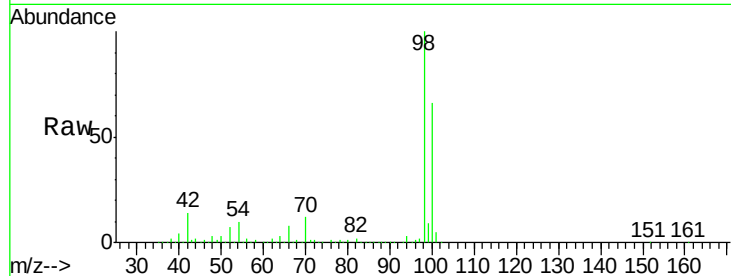
T11-C4-(0)

Tot Ion: 98 Resp: 344136

Ion Ratio Lower Upper

98 100

100 66.3 54.1 81.1



#62

4-Bromofluorobenzene

Concen: 42.126 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX012305.D

Acq: 11 Sep 2019 16:33

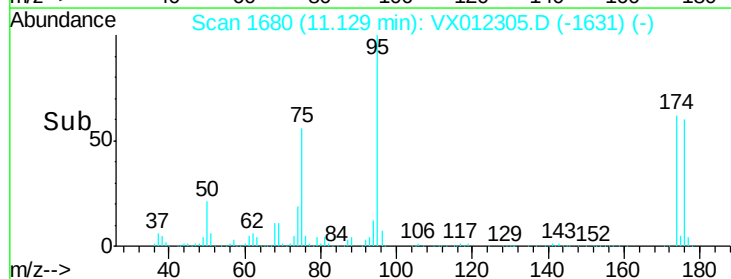
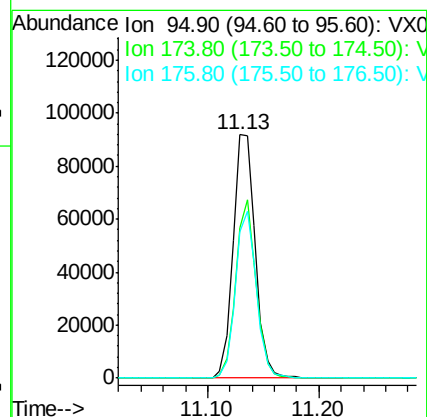
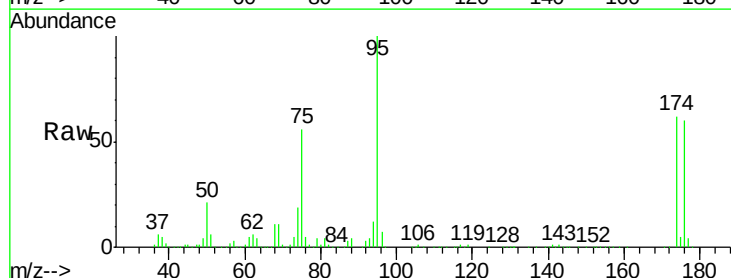
Tgt Ion: 95 Resp: 126513

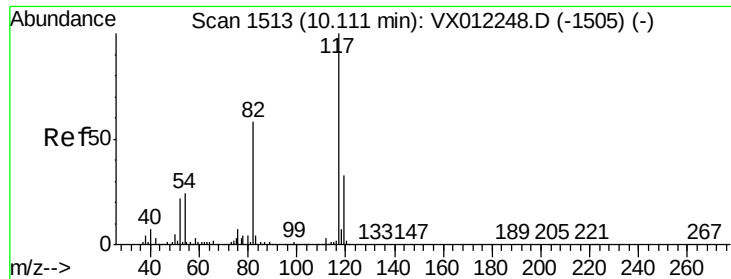
Ion Ratio Lower Upper

95 100

174 67.4 0.0 127.0

176 64.3 0.0 125.8

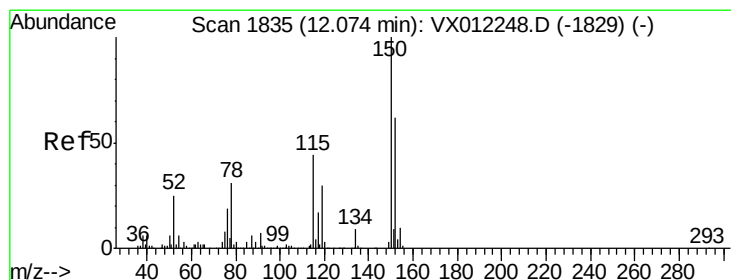
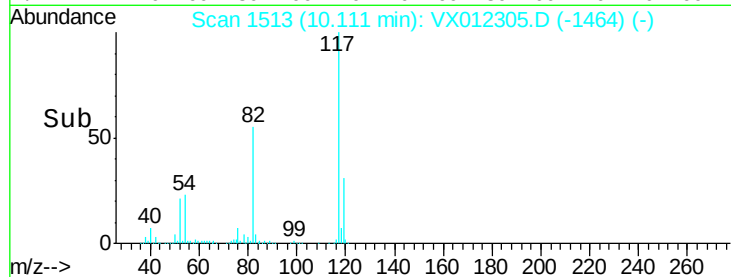
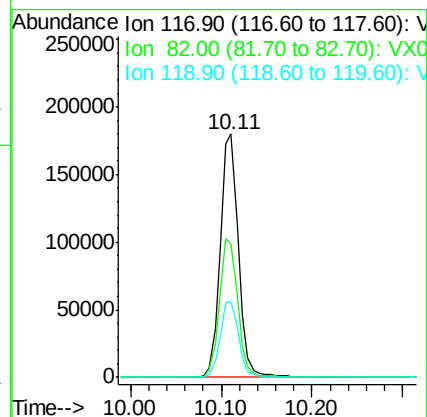
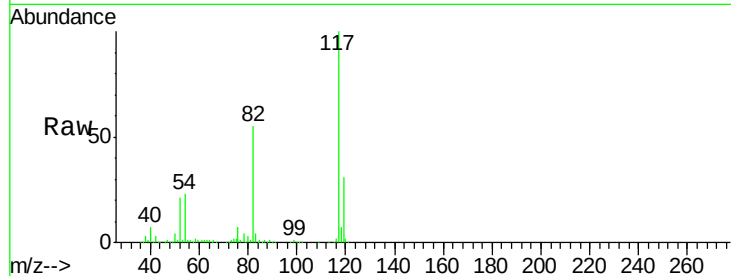




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012305.D
Acq: 11 Sep 2019 16:33

Instrument :
MSVOA_X
ClientSampleId :
T11-C4-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.4	69.6
119	31.4	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: VX012305.D
Acq: 11 Sep 2019 16:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.4	45.5	136.4
150	152.0	0.0	346.4

