

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091319\
 Data File : VX012380.D
 Acq On : 13 Sep 2019 12:11
 Operator : SY/SP
 Sample : K4695-01
 Misc : 4.54g/5.0mL/MSVOA X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-1-(1.5)

Quant Time: Sep 14 00:11:35 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	168918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	289956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100613	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	112641	47.17	ug/l	0.00
Spiked Amount						
			Recovery	=	94.34%	
35) Dibromofluoromethane	5.48	113	88315	47.51	ug/l	0.00
Spiked Amount						
			Recovery	=	95.02%	
50) Toluene-d8	8.71	98	337318	51.74	ug/l	0.00
Spiked Amount						
			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.14	95	122985	40.69	ug/l	0.00
Spiked Amount						
			Recovery	=	81.38%	

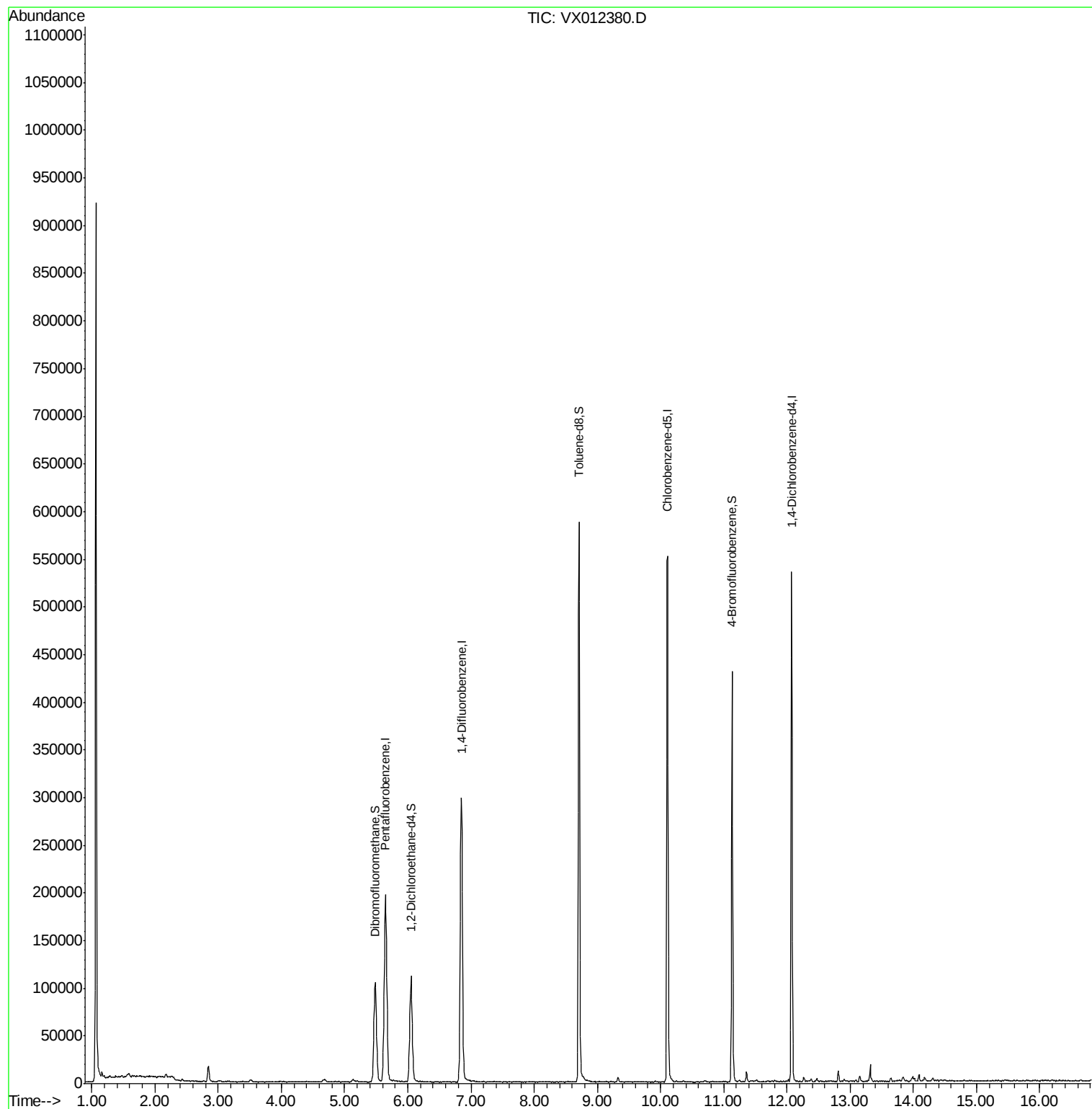
Target Compounds	Qvalue

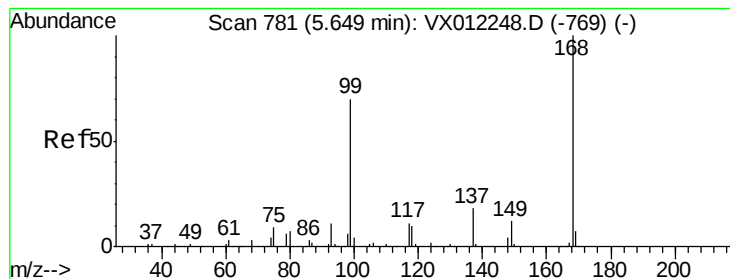
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012380.D

Acq: 13 Sep 2019 12:11

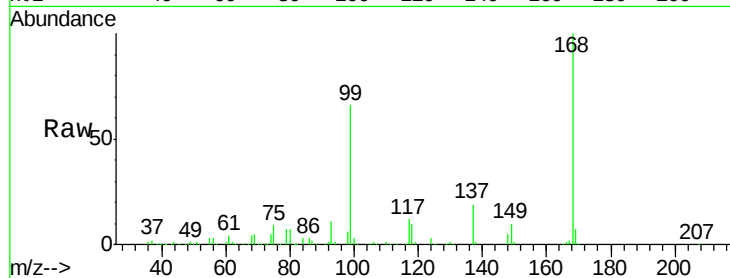
Instrument :
MSVOA_X
ClientSampleId :
T3-1-(1.5)

Tot Ion:168 Resp: 168918

Ion Ratio Lower Upper

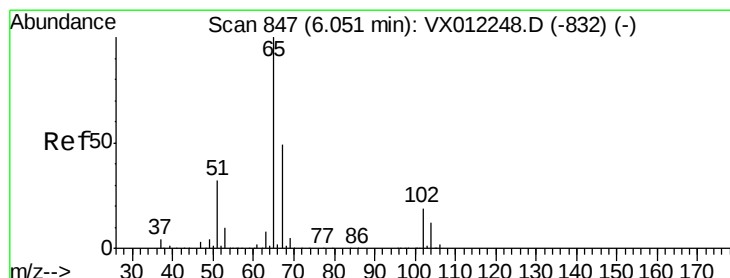
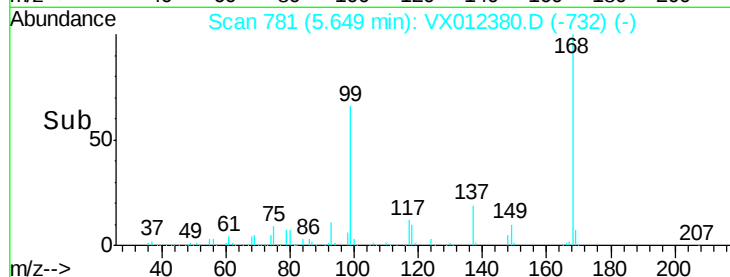
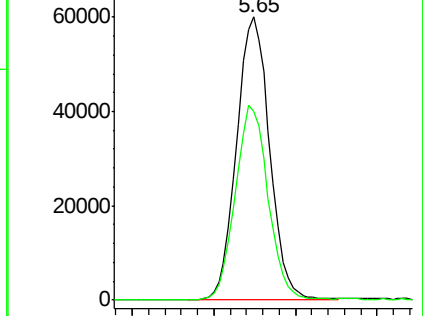
168 100

99 66.4 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.166 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012380.D

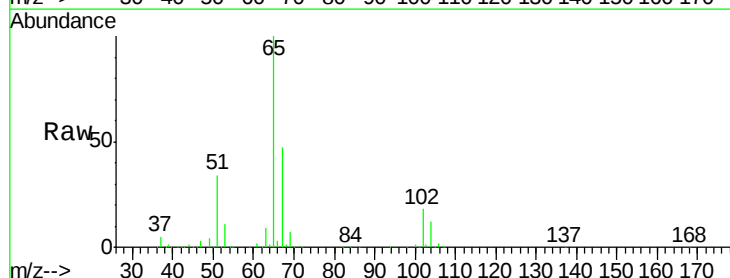
Acq: 13 Sep 2019 12:11

Tgt Ion: 65 Resp: 112641

Ion Ratio Lower Upper

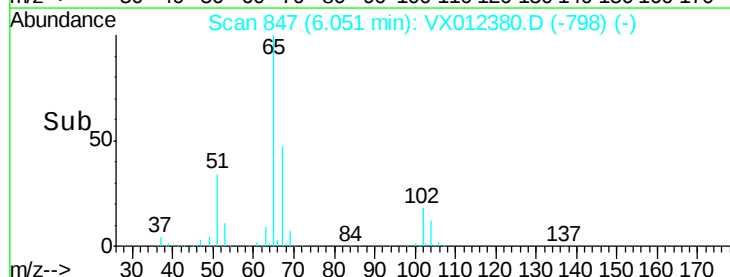
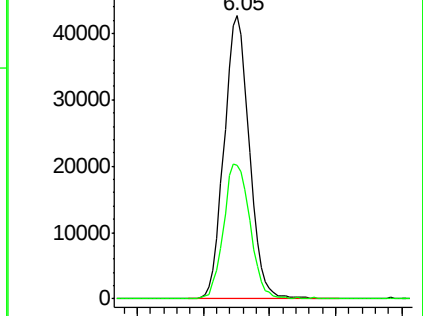
65 100

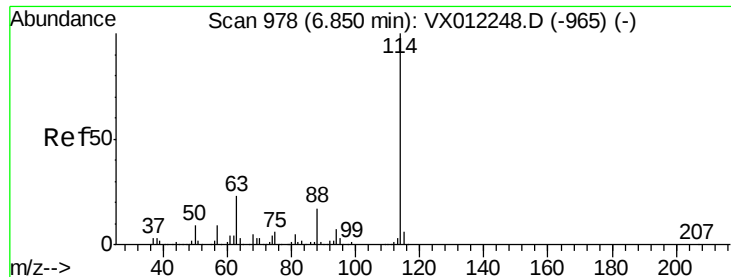
67 49.9 0.0 99.8



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: VX012380.D

Acq: 13 Sep 2019 12:11

Instrument :

MSVOA_X

ClientSampleId :

T3-1-(1.5)

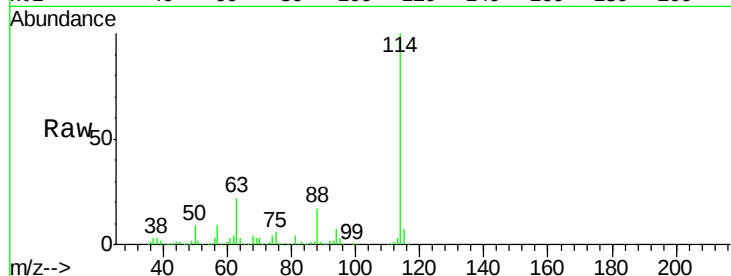
Tot Ion:114 Resp: 289956

Ion Ratio Lower Upper

114 100

63 21.9 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

150000

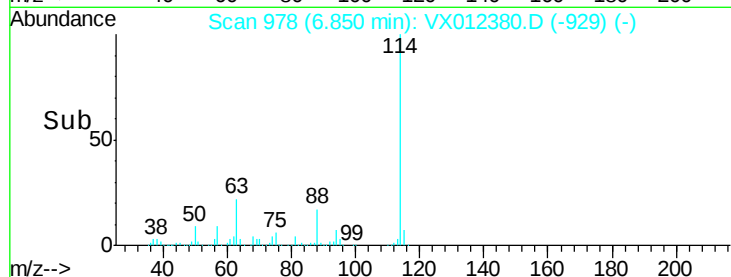
100000

50000

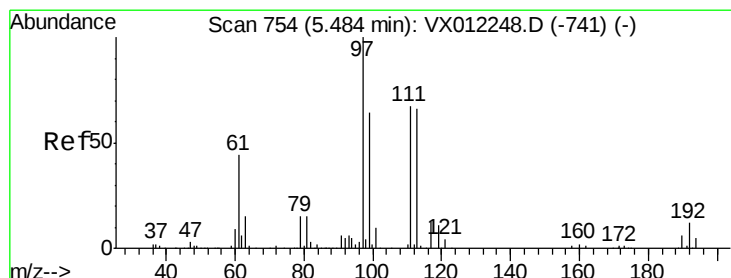
0

6.85

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 47.513 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012380.D

Acq: 13 Sep 2019 12:11

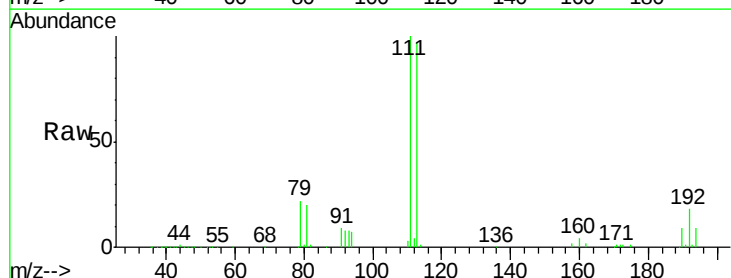
Tgt Ion:113 Resp: 88315

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.6

192 18.3 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

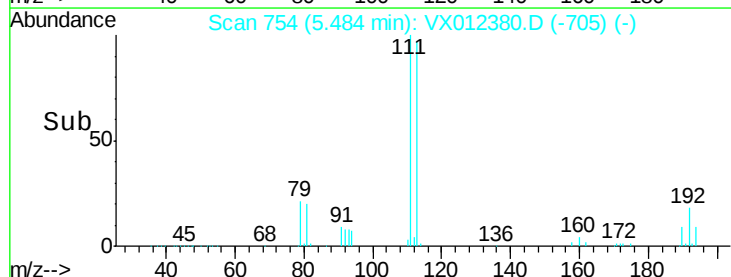
20000

10000

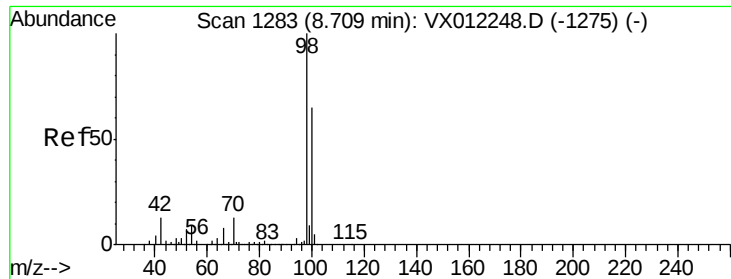
0

5.48

5.40 5.50 5.60



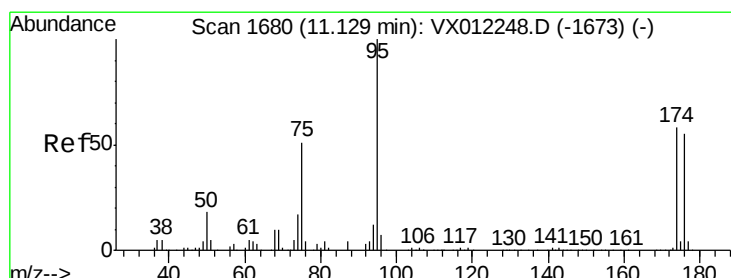
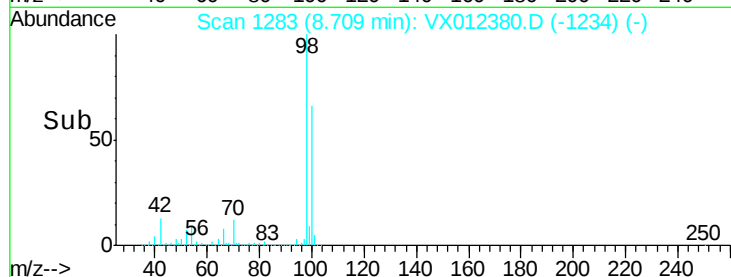
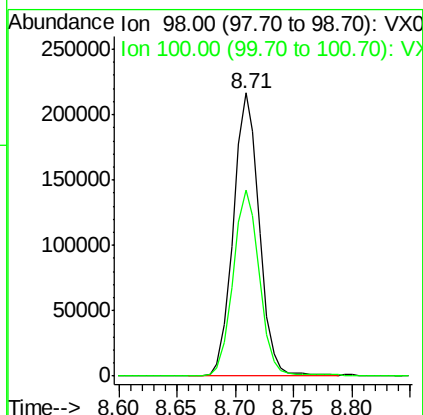
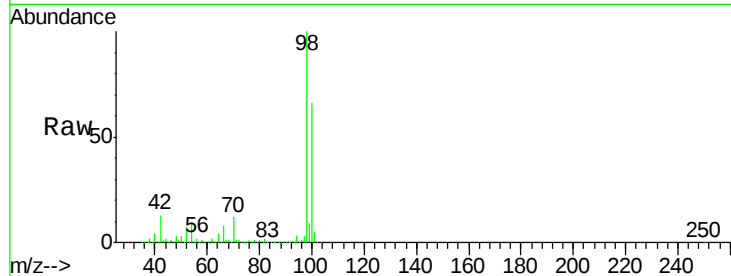
Time-->



#50
Toluene-d8
Concen: 51.742 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012380.D
Acq: 13 Sep 2019 12:11

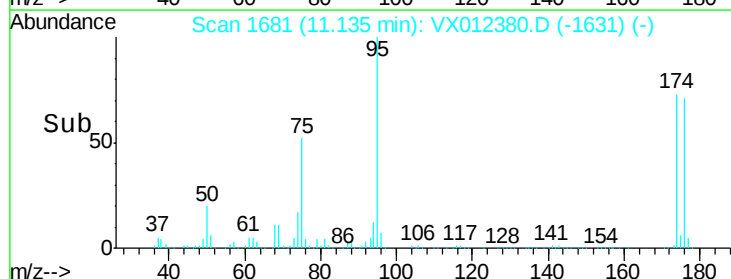
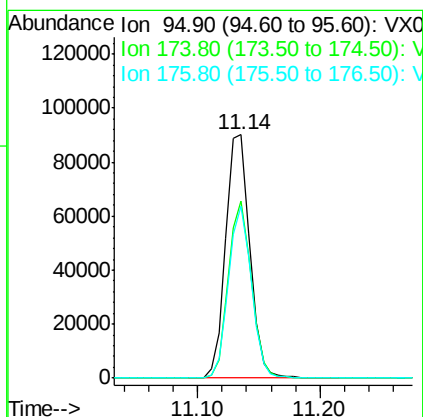
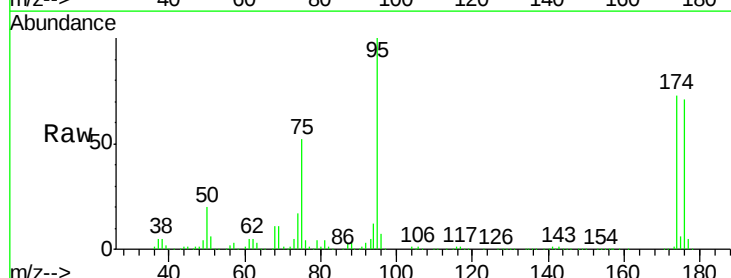
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T3-1-(1.5)

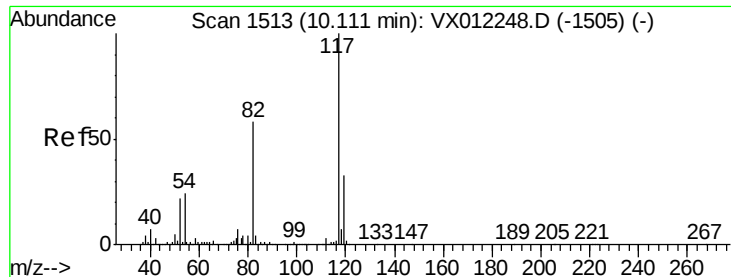
Tot Ion: 98 Resp: 337318
Ion Ratio Lower Upper
98 100
100 67.1 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 40.692 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012380.D
Acq: 13 Sep 2019 12:11

Tgt Ion: 95 Resp: 122985
Ion Ratio Lower Upper
95 100
174 69.1 0.0 127.0
176 67.0 0.0 125.8

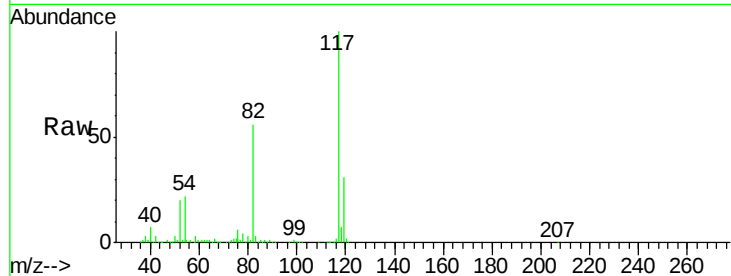




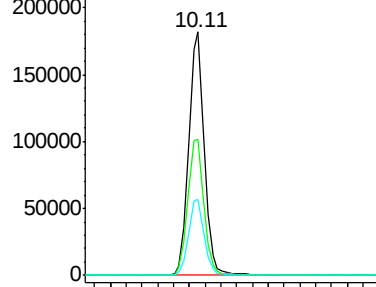
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012380.D
Acq: 13 Sep 2019 12:11

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(1.5)

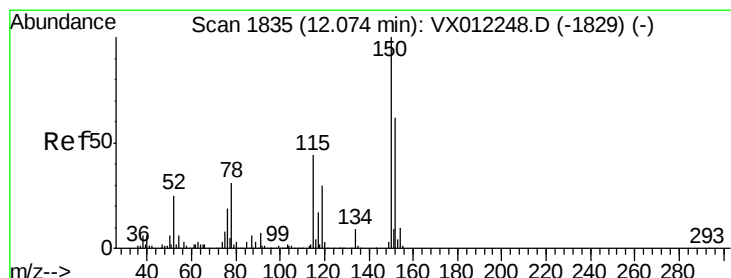
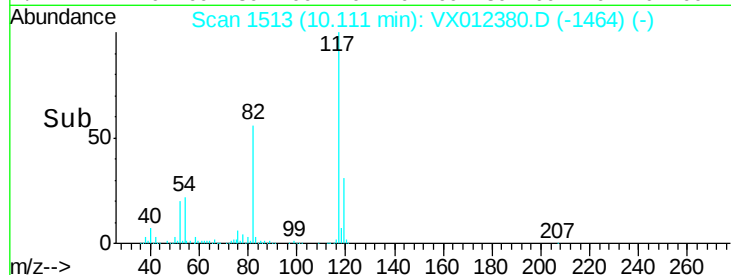
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.4	69.6
119	31.1	26.6	39.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

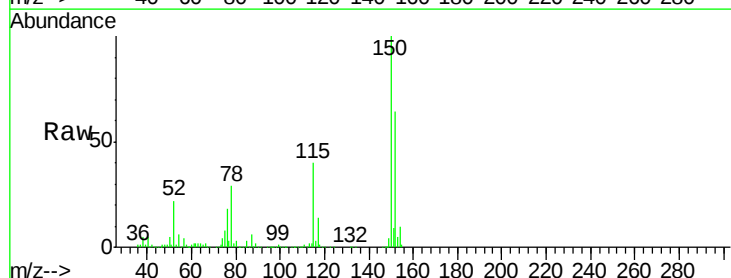


Time-->

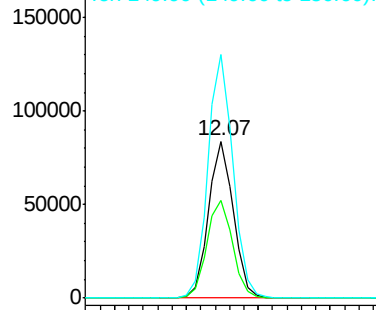


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012380.D
Acq: 13 Sep 2019 12:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.8	45.5	136.4
150	156.2	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



Time-->

