

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012261.D
 Acq On : 10 Sep 2019 17:51
 Operator : SY/SP
 Sample : K4624-08
 Misc : 7.78g/5.0mL/MSVOA X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-11-A2-(0)

Quant Time: Sep 11 02:05:19 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	170436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101098	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	116255	48.25	ug/l	0.00
Spiked Amount						
			Recovery	=	96.50%	
35) Dibromofluoromethane	5.48	113	89324	47.34	ug/l	0.00
Spiked Amount						
			Recovery	=	94.68%	
50) Toluene-d8	8.71	98	345792	52.25	ug/l	0.00
Spiked Amount						
			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.14	95	129134	42.09	ug/l	0.00
Spiked Amount						
			Recovery	=	84.18%	

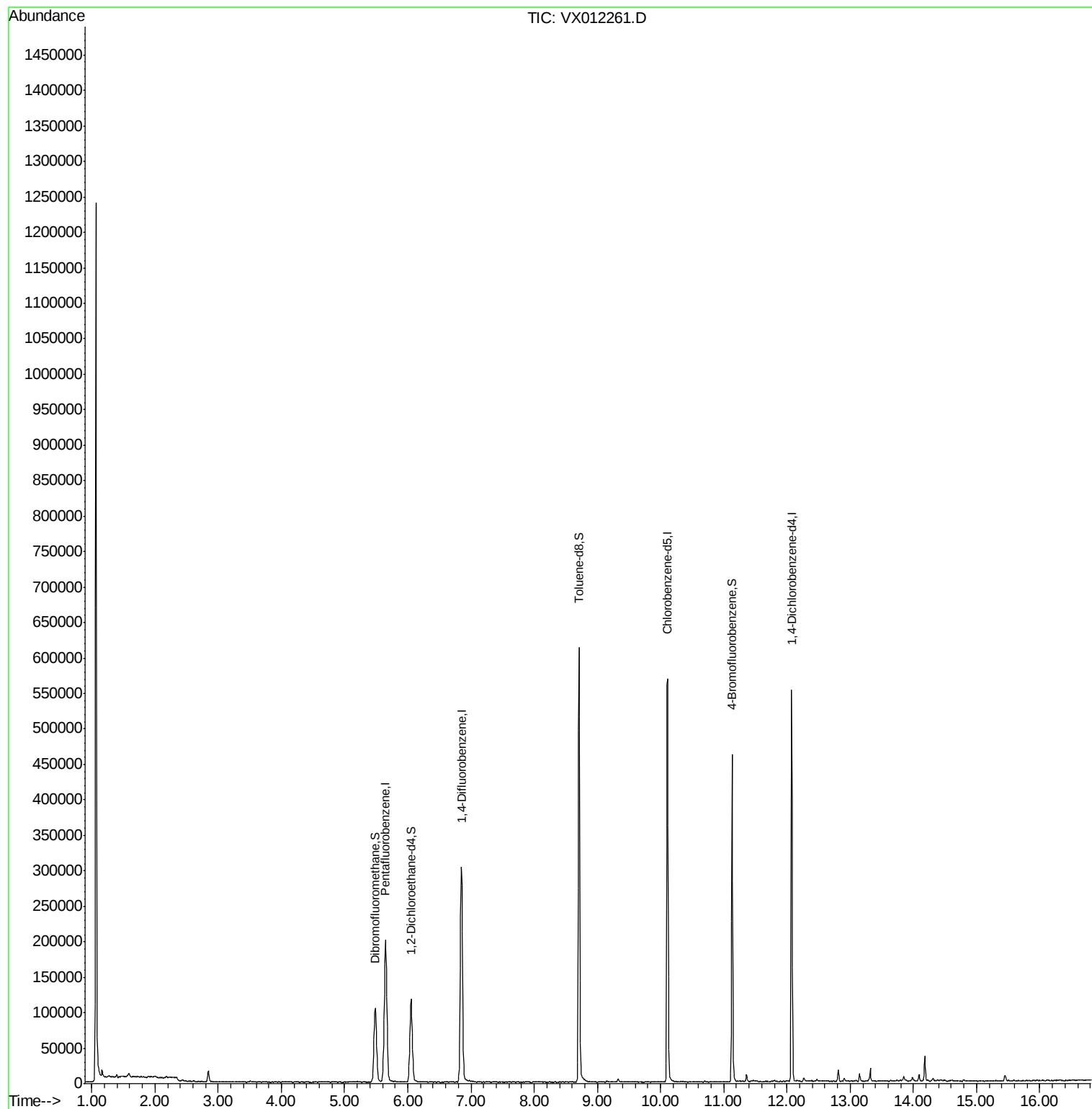
Target Compounds	Qvalue

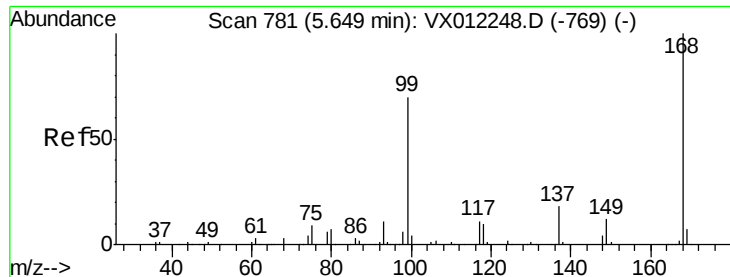
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012261.D

Acq: 10 Sep 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

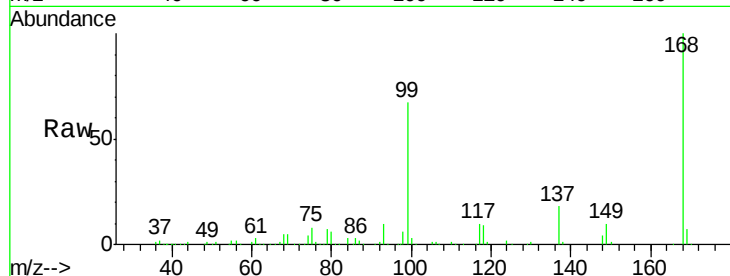
T-11-A2-(0)

Tot Ion:168 Resp: 170436

Ion Ratio Lower Upper

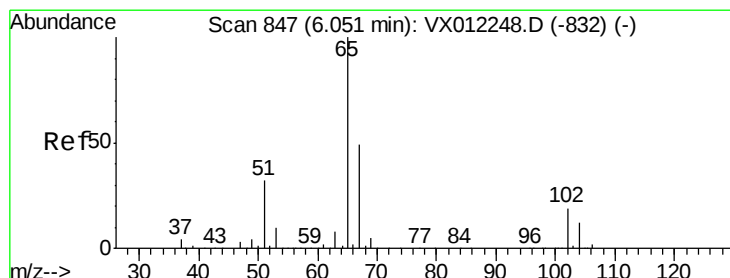
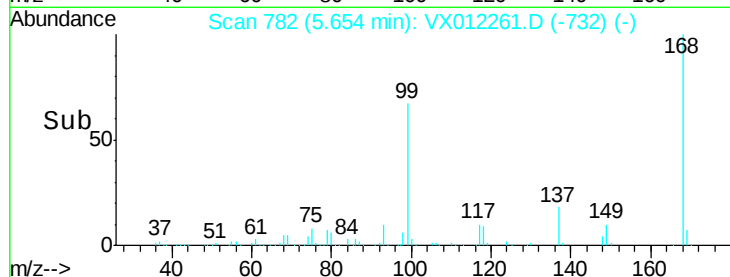
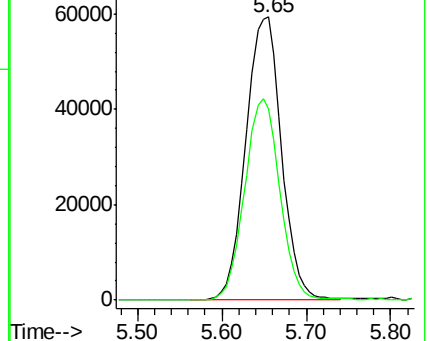
168 100

99 67.5 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: 48.246 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012261.D

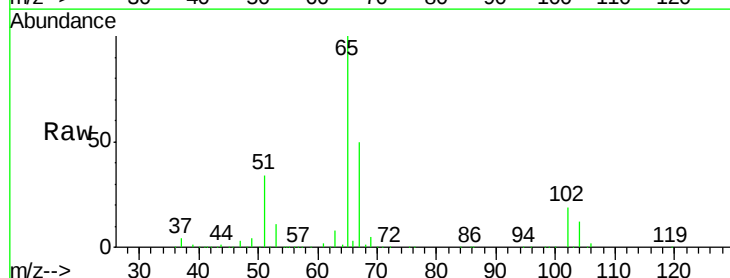
Acq: 10 Sep 2019 17:51

Tgt Ion: 65 Resp: 116255

Ion Ratio Lower Upper

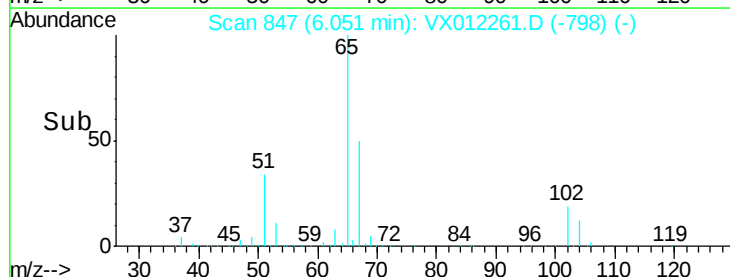
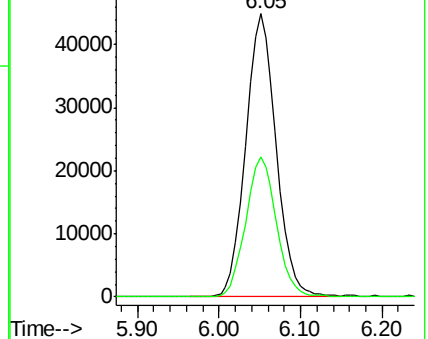
65 100

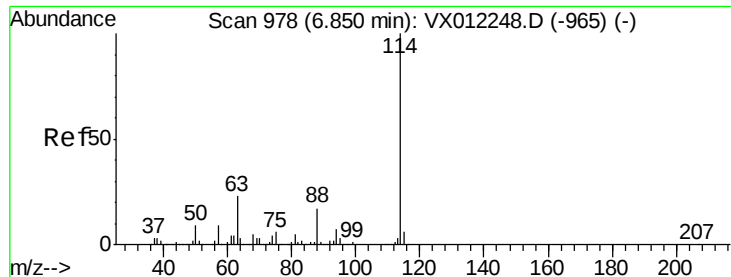
67 50.1 0.0 99.8



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: VX012261.D

Acq: 10 Sep 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

T-11-A2-(0)

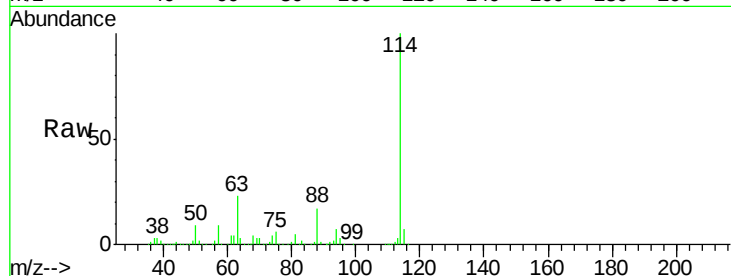
Tot Ion:114 Resp: 294352

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.2

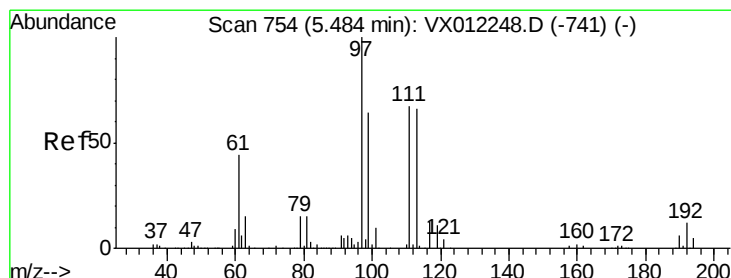
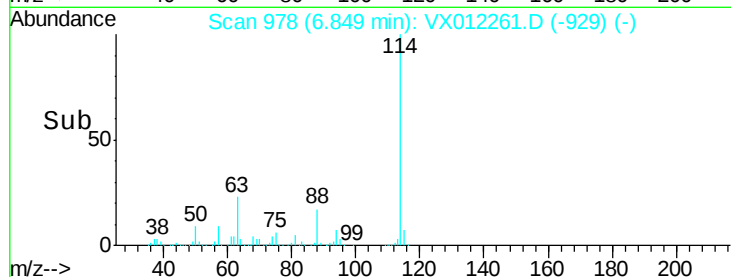
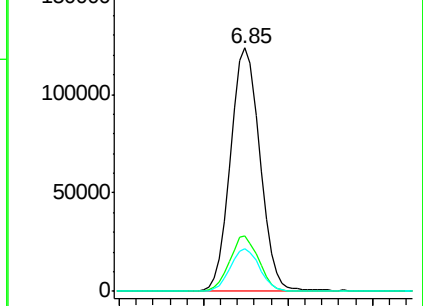
88 17.3 0.0 34.8



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: 47.338 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012261.D

Acq: 10 Sep 2019 17:51

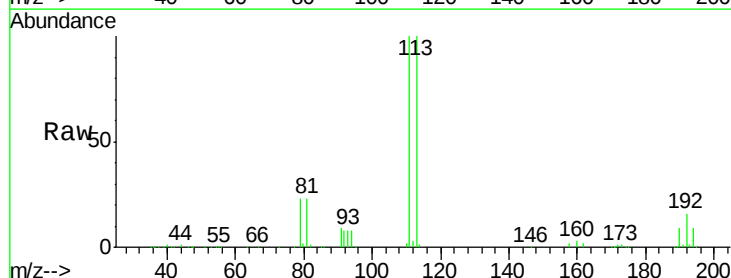
Tgt Ion:113 Resp: 89324

Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.6

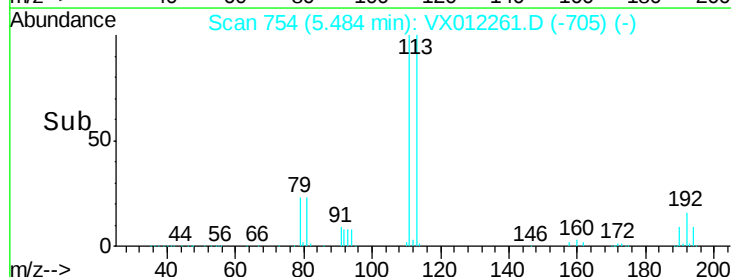
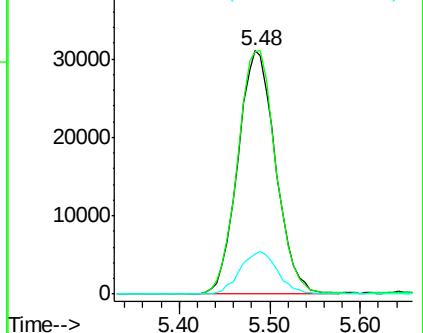
192 17.5 14.3 21.5

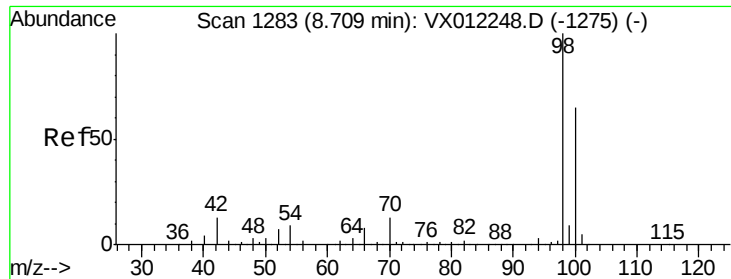


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

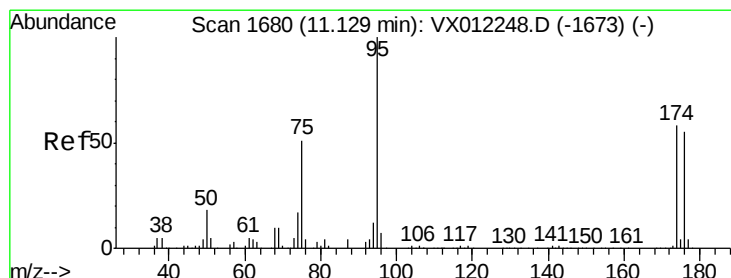
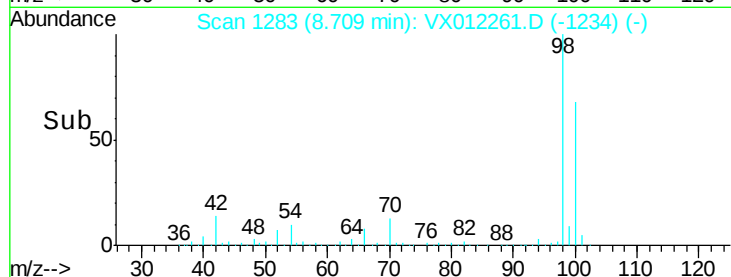
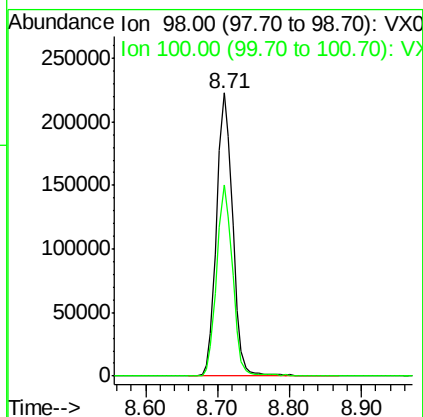
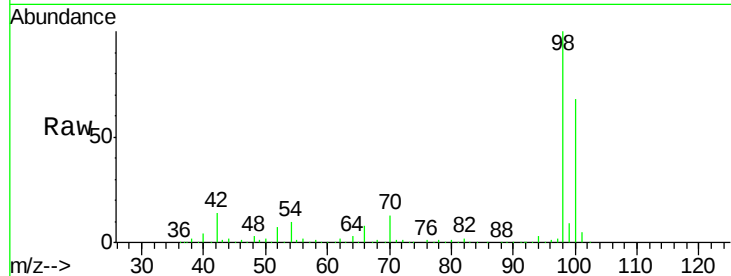




#50
Toluene-d8
Concen: 52.249 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012261.D
Acq: 10 Sep 2019 17:51

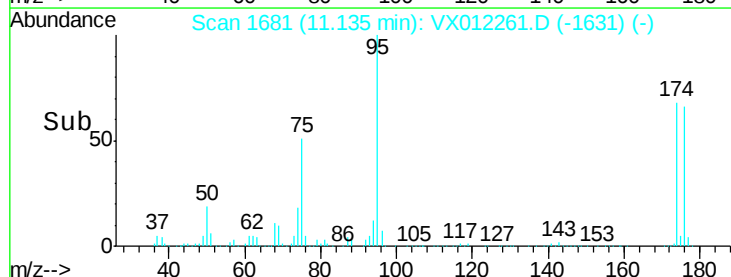
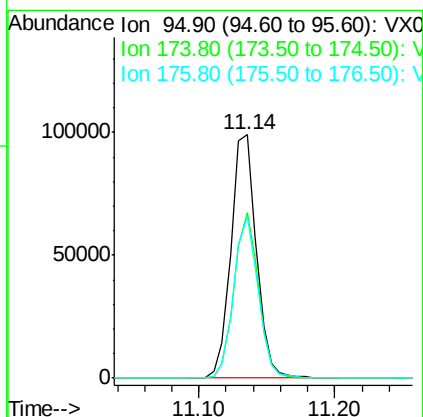
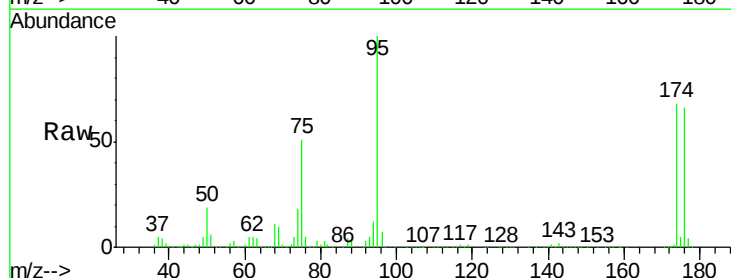
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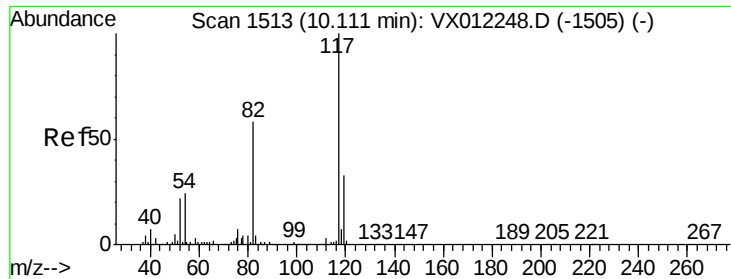
Tot Ion: 98 Resp: 345792
Ion Ratio Lower Upper
98 100
100 66.8 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 42.088 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012261.D
Acq: 10 Sep 2019 17:51

Tgt Ion: 95 Resp: 129134
Ion Ratio Lower Upper
95 100
174 65.3 0.0 127.0
176 63.7 0.0 125.8

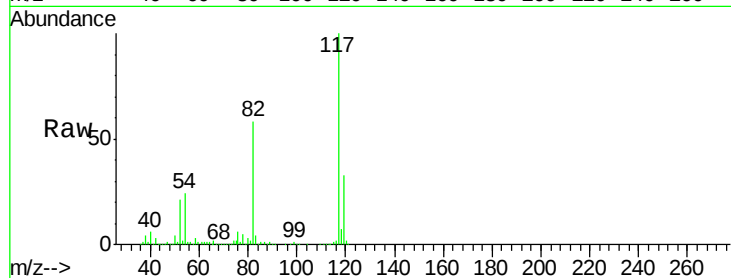




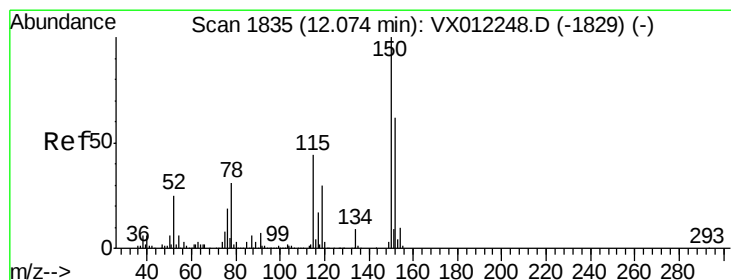
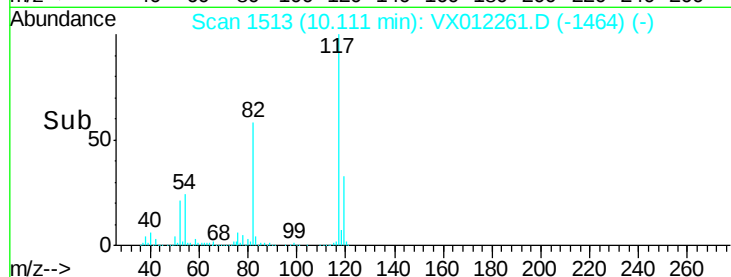
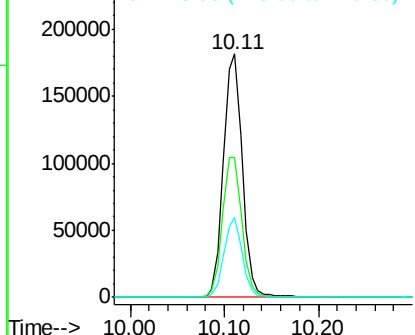
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012261.D
Acq: 10 Sep 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
T-11-A2-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.4	69.6
119	32.9	26.6	39.8

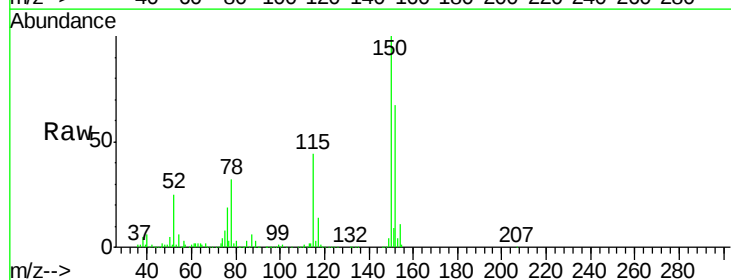


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012261.D
Acq: 10 Sep 2019 17:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.6	45.5	136.4
150	156.7	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

