

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011419\
 Data File : VU029155.D
 Acq On : 14 Jan 2019 10:59
 Operator : JC/SP
 Sample : K1135-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB

Quant Time: Jan 14 23:11:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	119185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	206373	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	191192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76161	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	78883	53.54	ug/l	0.00
Spiked Amount						
			Recovery	=	107.08%	
35) Dibromofluoromethane	4.88	113	69133	51.68	ug/l	0.00
Spiked Amount						
			Recovery	=	103.36%	
50) Toluene-d8	7.56	98	261612	49.54	ug/l	0.00
Spiked Amount						
			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	10.30	95	81628	43.01	ug/l	0.00
Spiked Amount						
			Recovery	=	86.02%	

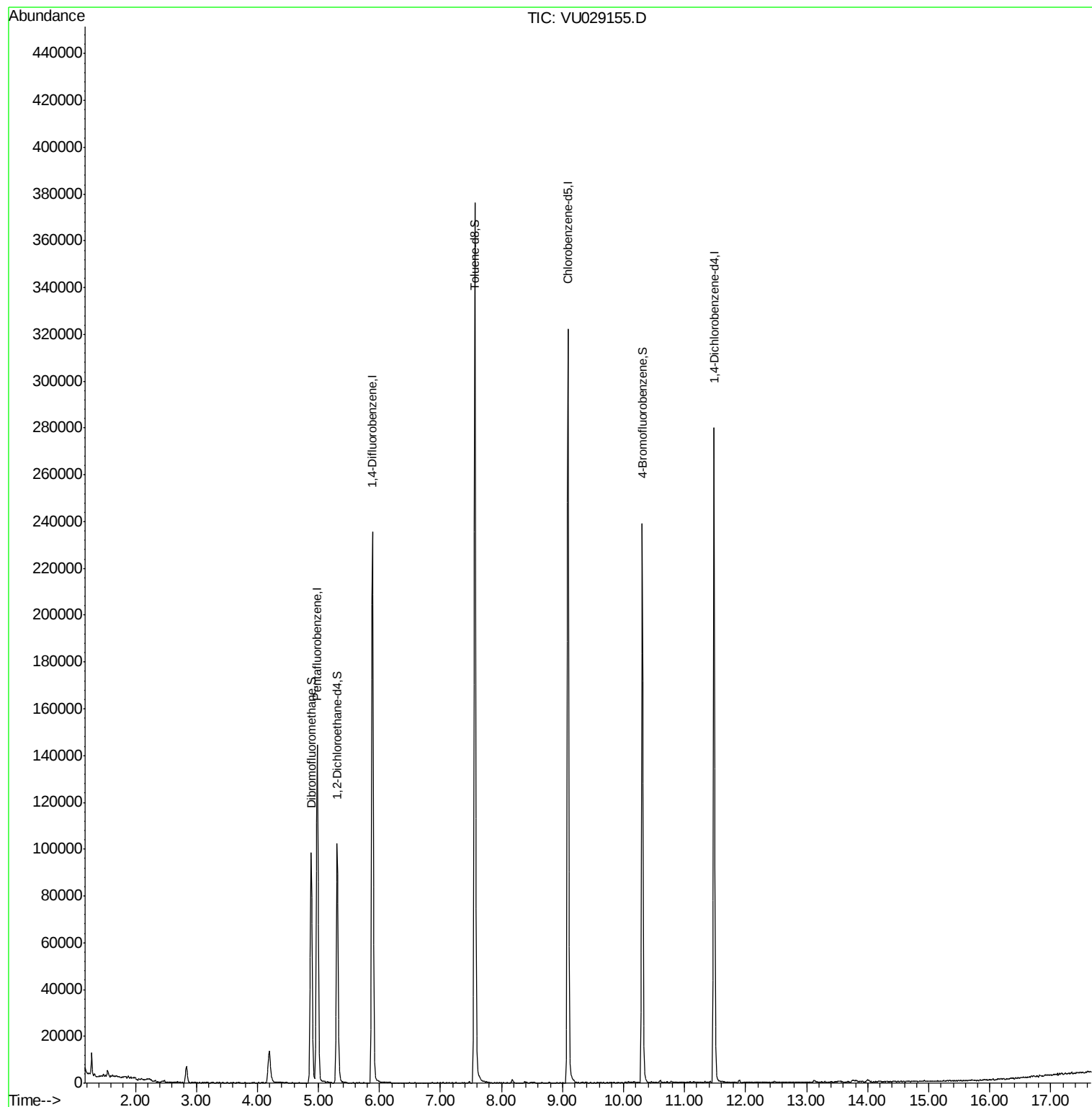
Target Compounds	Qvalue

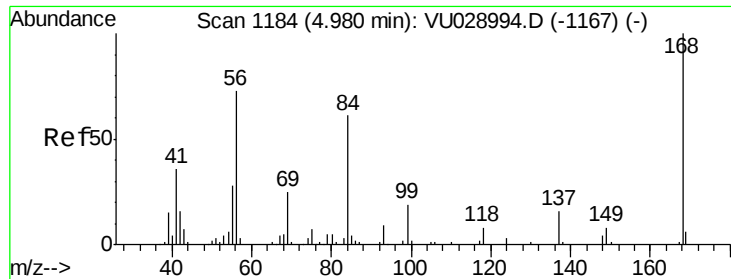
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029155.D

Acq: 14 Jan 2019 10:59

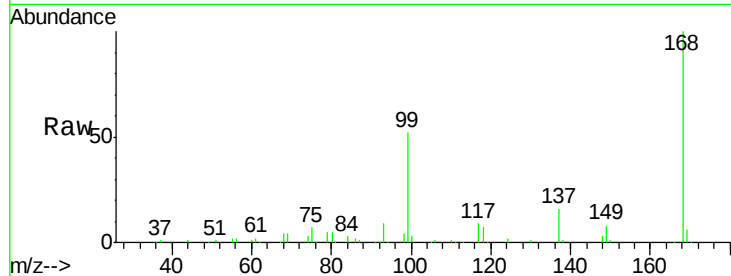
Instrument :
MSVOA_U
ClientSampled :
TB

Tot Ion:168 Resp: 119185

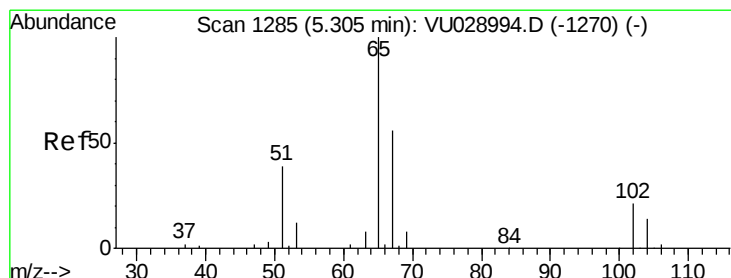
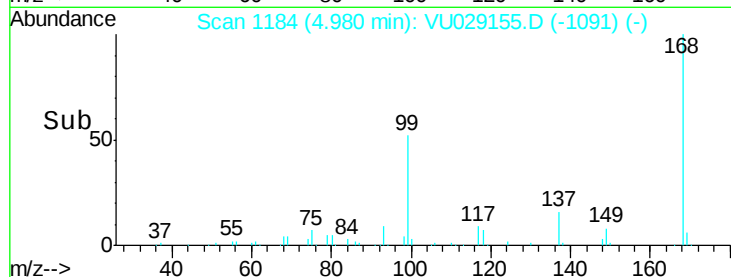
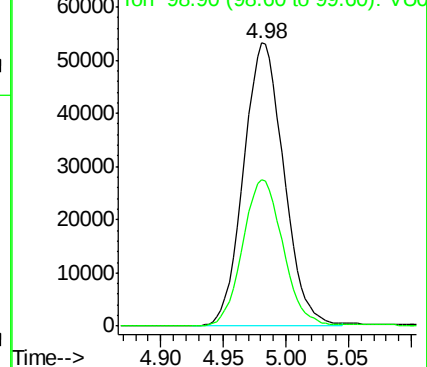
Ion Ratio Lower Upper

168 100

99 51.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.539 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029155.D

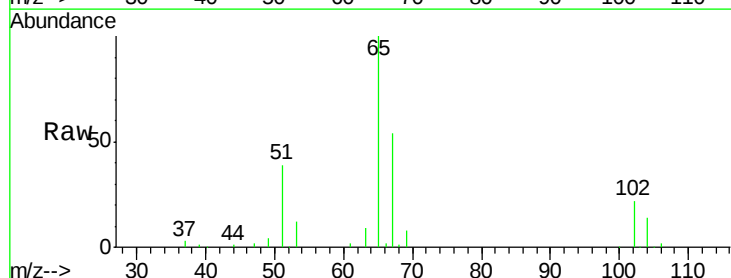
Acq: 14 Jan 2019 10:59

Tgt Ion: 65 Resp: 78883

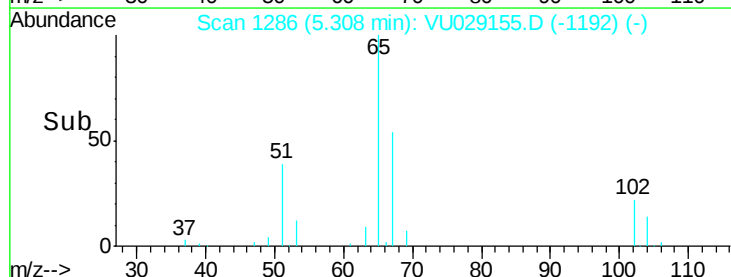
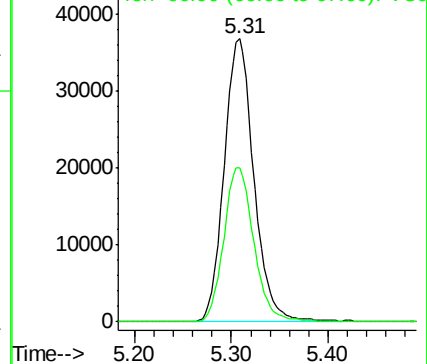
Ion Ratio Lower Upper

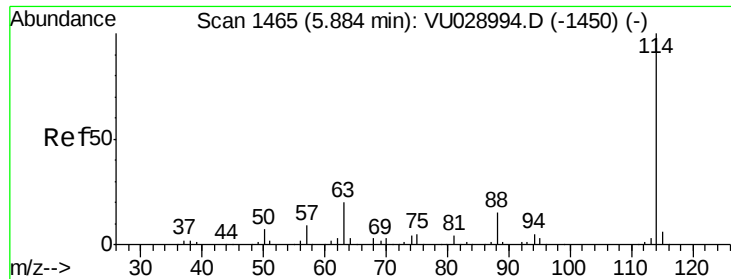
65 100

67 54.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028994.D (-1270) (-)

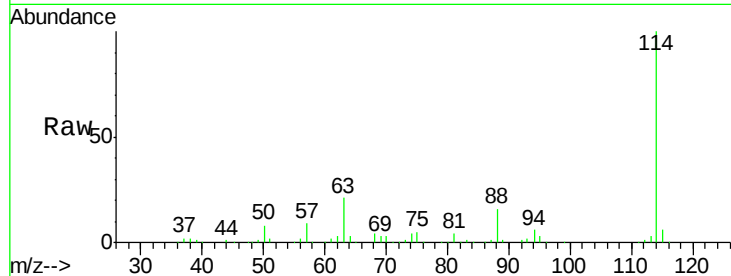




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029155.D
 Acq: 14 Jan 2019 10:59

Instrument :
 MSVOA_U
 ClientSampleId :
 TB

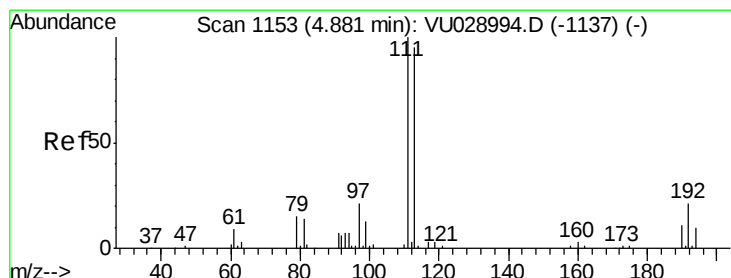
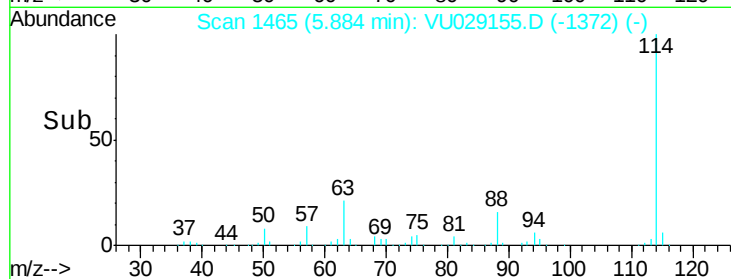
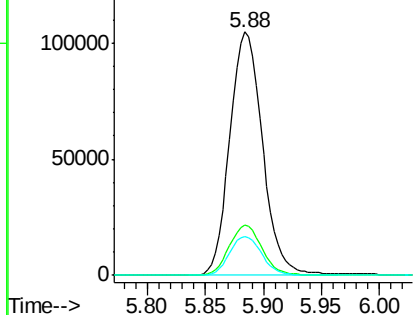
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.2
88	15.9	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

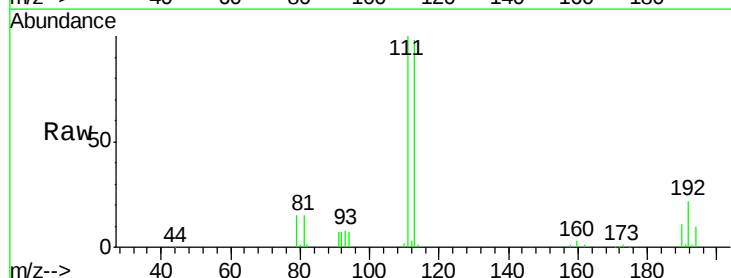
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 51.678 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029155.D
 Acq: 14 Jan 2019 10:59

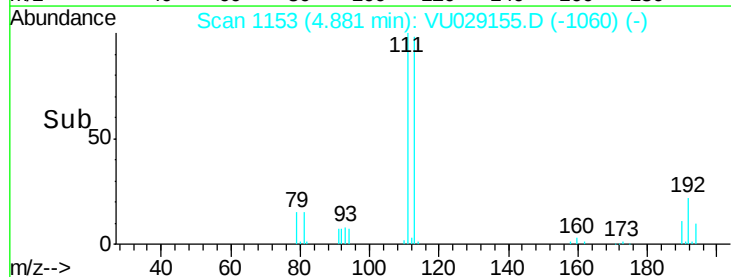
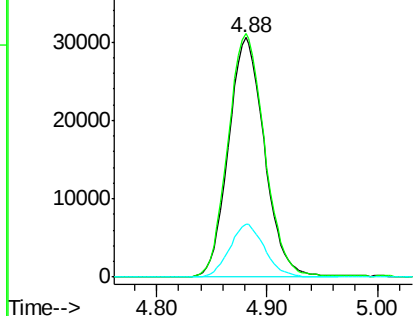
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.2
192	21.5	16.8	25.2

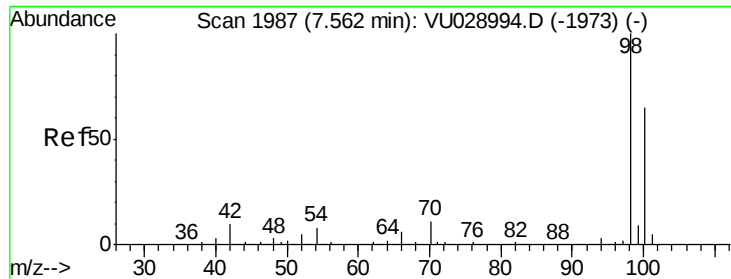


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

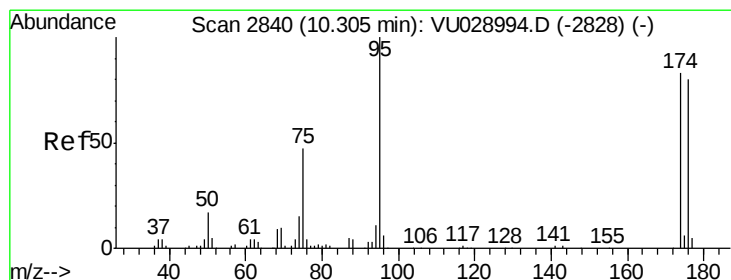
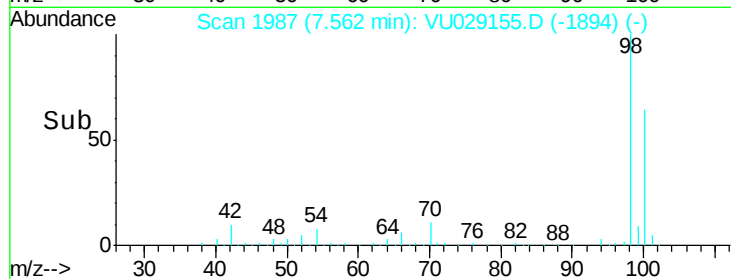
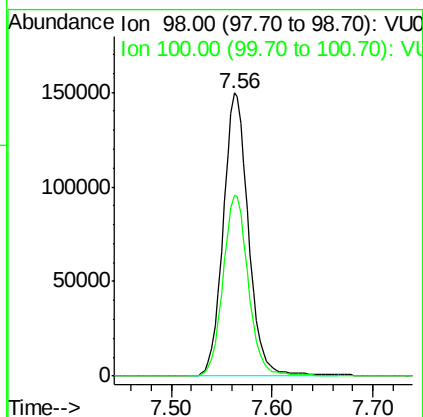
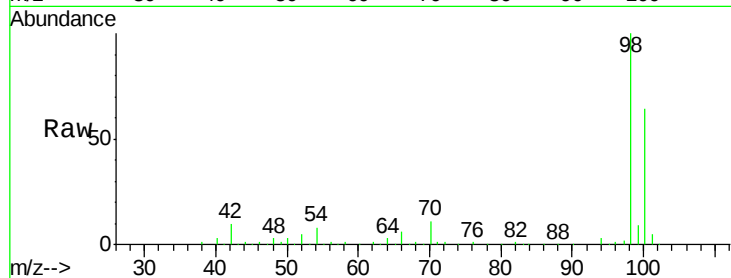




#50
Toluene-d8
Concen: 49.535 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029155.D
Acq: 14 Jan 2019 10:59

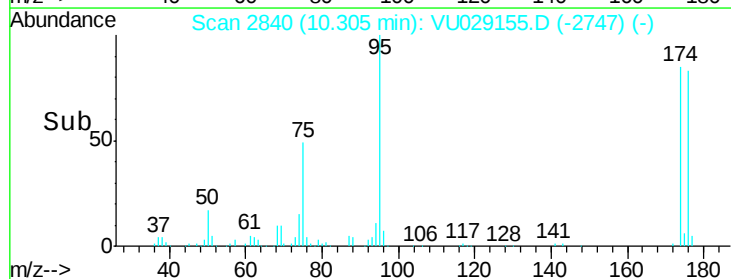
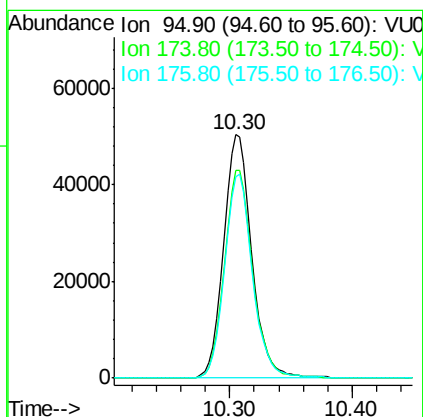
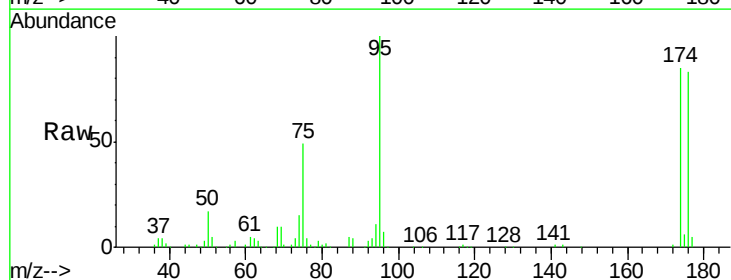
Instrument :
MSVOA_U
ClientSampleId :
TB

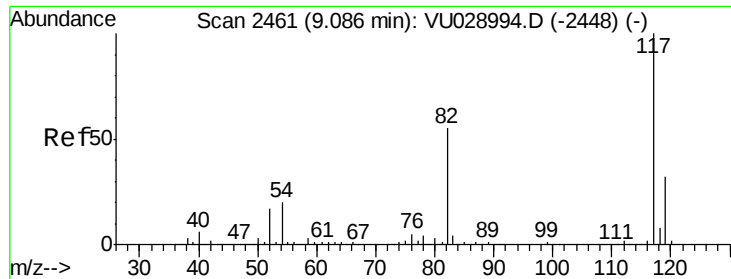
Tot Ion: 98 Resp: 261612
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.007 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029155.D
Acq: 14 Jan 2019 10:59

Tgt Ion: 95 Resp: 81628
Ion Ratio Lower Upper
95 100
174 85.9 0.0 170.6
176 83.1 0.0 165.0

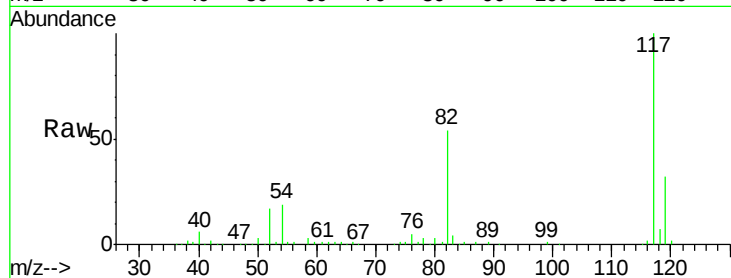




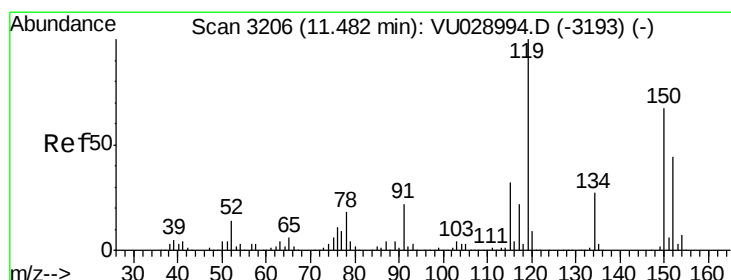
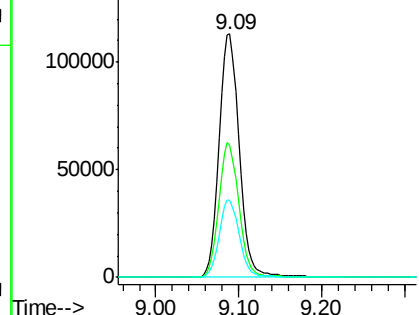
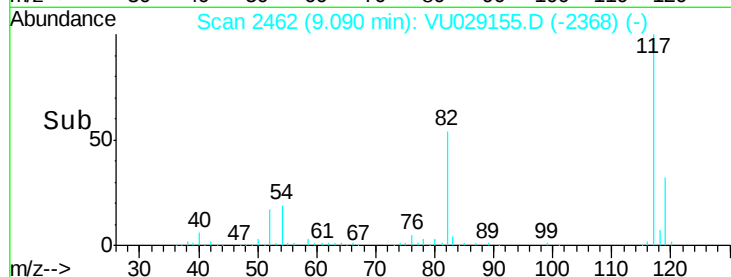
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029155.D
Acq: 14 Jan 2019 10:59

Instrument :
MSVOA_U
ClientSampled :
TB

Tot Ion:117 Resp: 191192
Ion Ratio Lower Upper
117 100
82 54.5 43.9 65.9
119 32.0 26.0 39.0

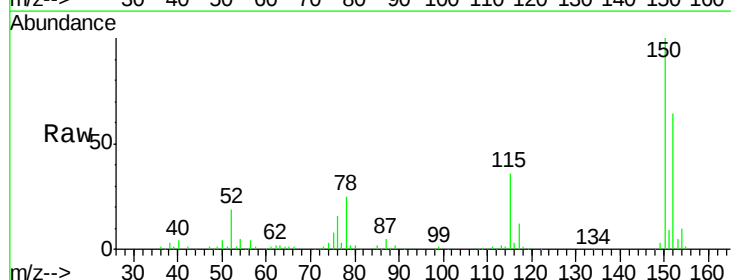


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029155.D
Acq: 14 Jan 2019 10:59

Tgt Ion:152 Resp: 76161
Ion Ratio Lower Upper
152 100
115 56.7 40.1 120.3
150 155.6 0.0 345.2



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

