

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082919\
 Data File : VU034025.D
 Acq On : 28 Aug 2019 16:09
 Operator : JC/SP
 Sample : K4555-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-2

Quant Time: Aug 29 04:37:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	495133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	762398	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	712763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	335967	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	298775	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	4.86	113	247164	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	7.55	98	948821	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
62) 4-Bromofluorobenzene	10.29	95	327255	42.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.98%	

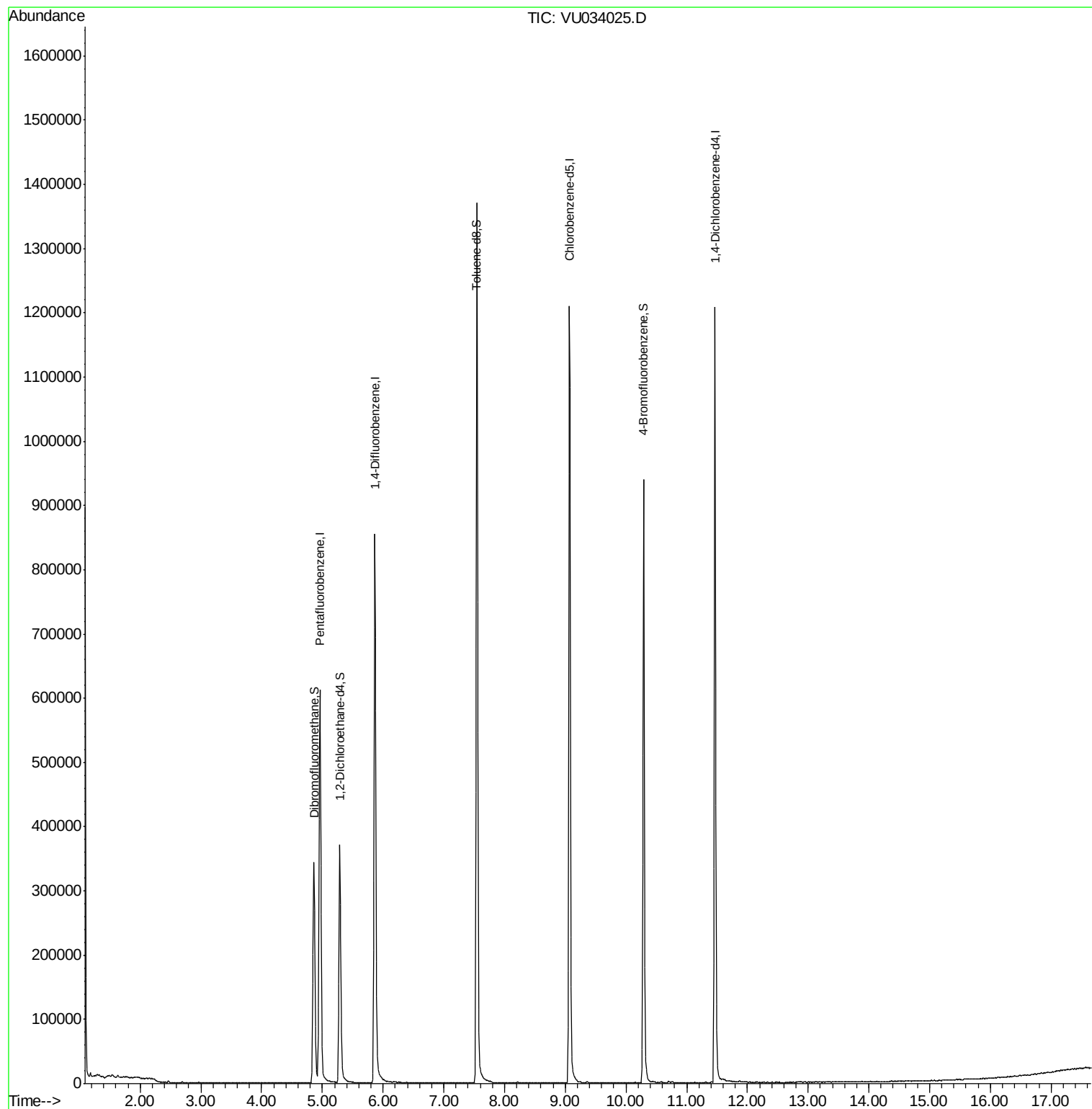
Target Compounds	Qvalue

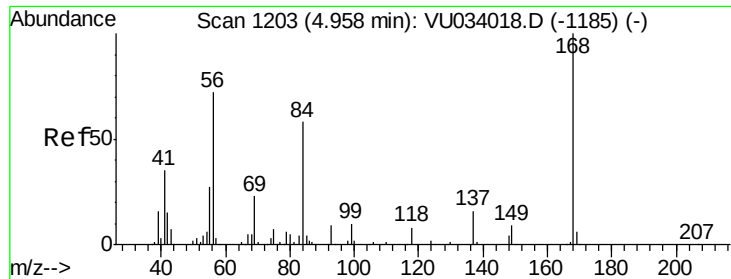
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034025.D

Acq: 28 Aug 2019 16:09

Instrument :

MSVOA_U

ClientSampleId :

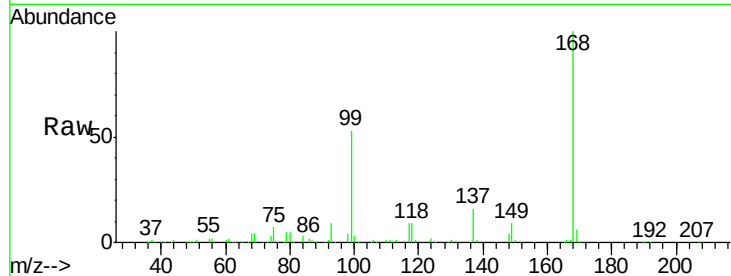
TB-2

Tot Ion:168 Resp: 495133

Ion Ratio Lower Upper

168 100

99 52.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

250000

200000

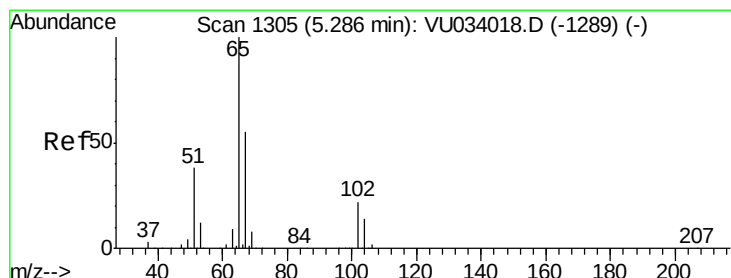
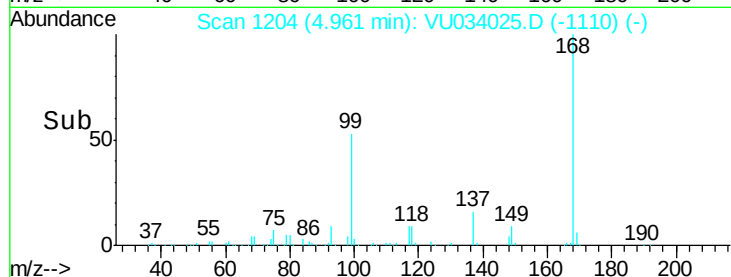
150000

100000

50000

0

Time--> 4.80 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 47.093 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034025.D

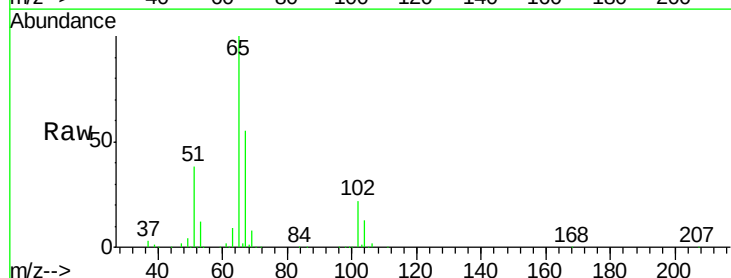
Acq: 28 Aug 2019 16:09

Tgt Ion: 65 Resp: 298775

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034018.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034018.D (-1289) (-)

5.29

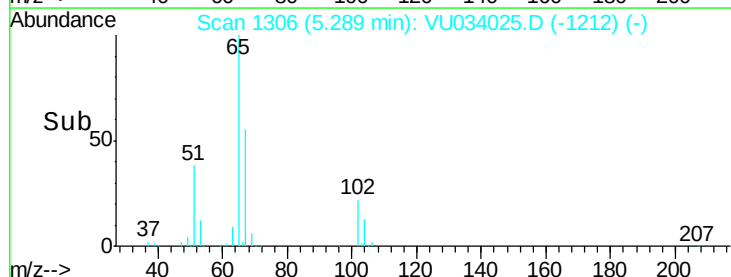
150000

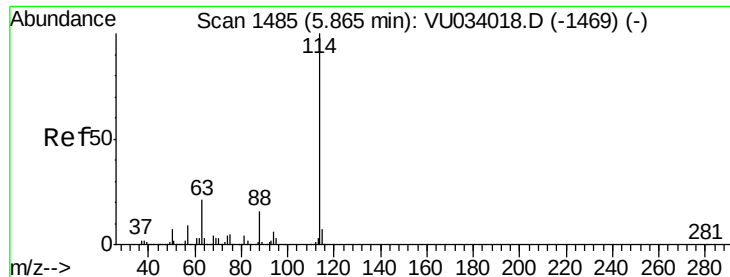
100000

50000

0

Time--> 5.20 5.30 5.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034025.D

Acq: 28 Aug 2019 16:09

Instrument :

MSVOA_U

ClientSampleId :

TB-2

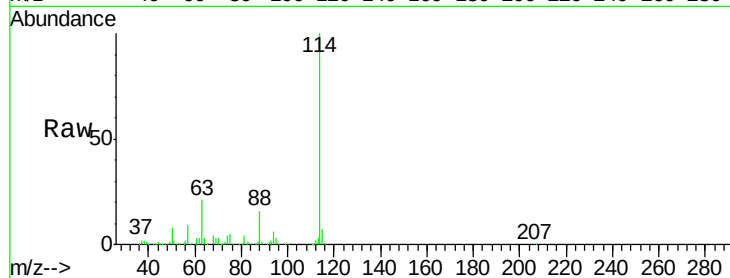
Tot Ion:114 Resp: 762398

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.0

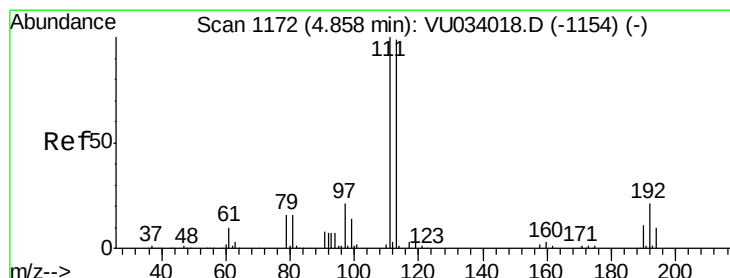
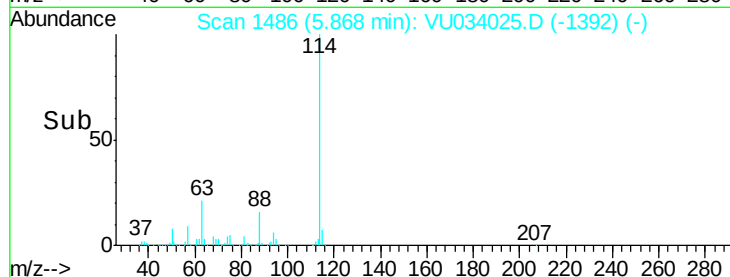
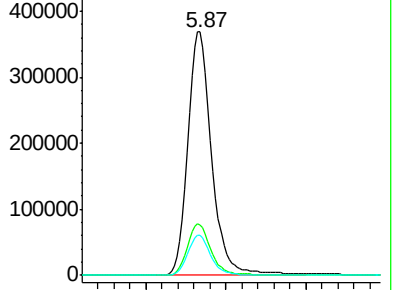
88 16.4 0.0 32.0



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: 46.741 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034025.D

Acq: 28 Aug 2019 16:09

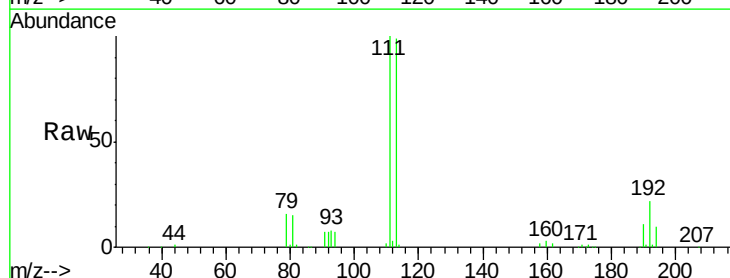
Tgt Ion:113 Resp: 247164

Ion Ratio Lower Upper

113 100

111 101.3 81.7 122.5

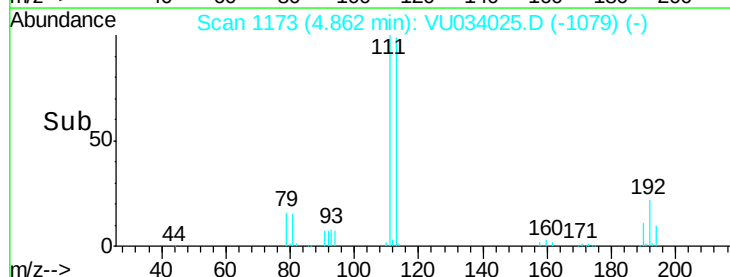
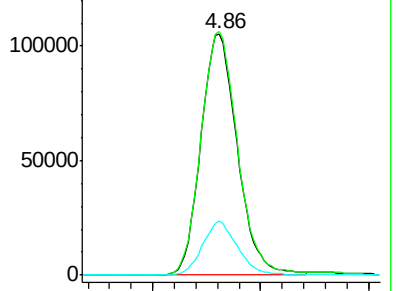
192 21.5 17.1 25.7

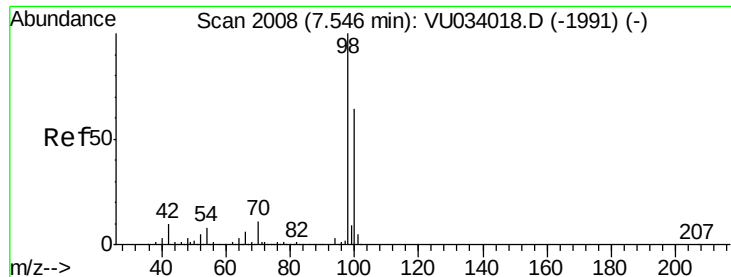


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

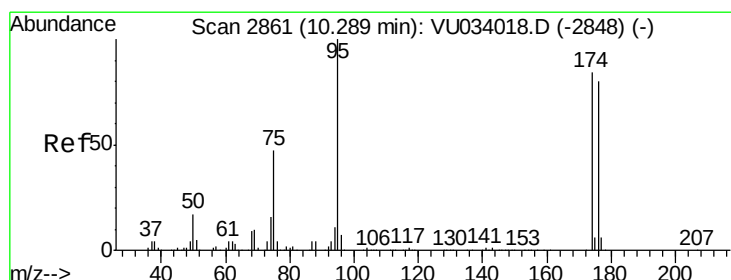
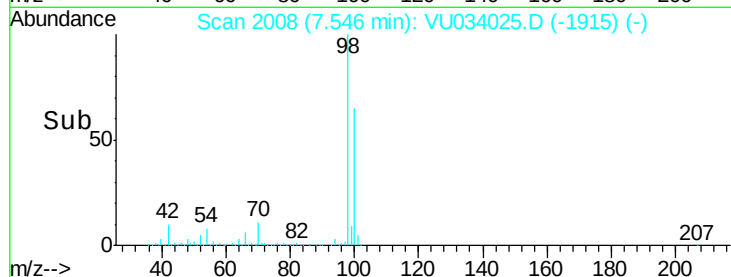
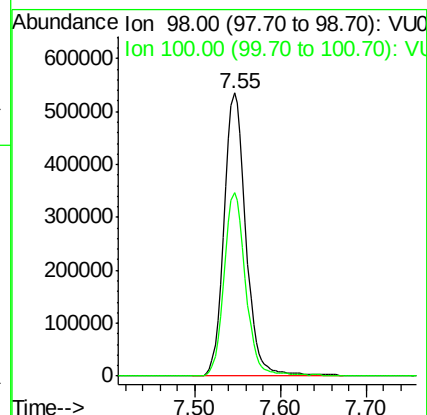
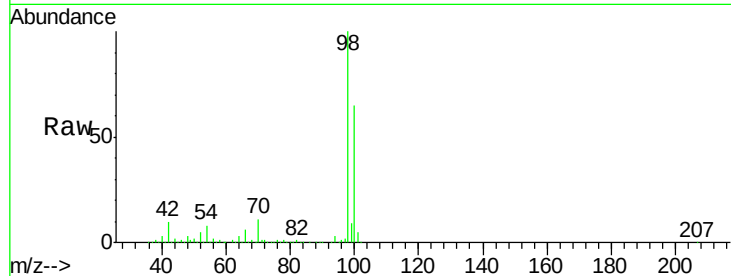




#50
Toluene-d8
Concen: 47.920 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034025.D
Acq: 28 Aug 2019 16:09

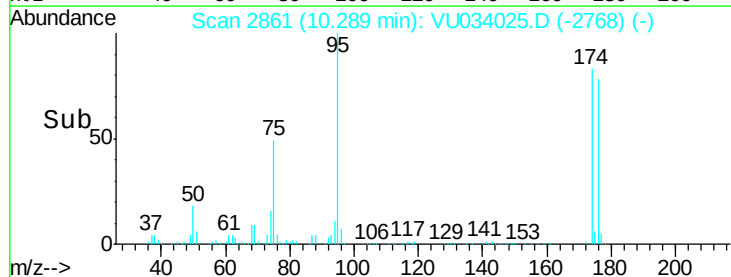
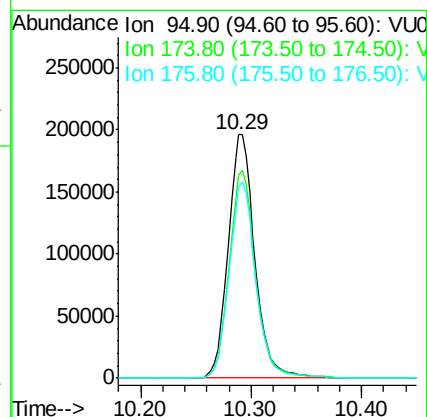
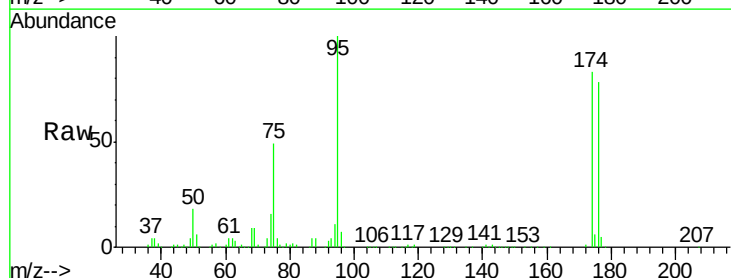
Instrument :
MSVOA_U
ClientSampled :
TB-2

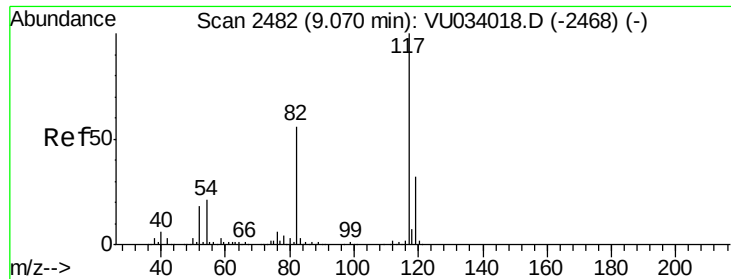
Tot Ion: 98 Resp: 948821
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.490 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034025.D
Acq: 28 Aug 2019 16:09

Tgt Ion: 95 Resp: 327255
Ion Ratio Lower Upper
95 100
174 84.8 0.0 168.8
176 81.0 0.0 161.8

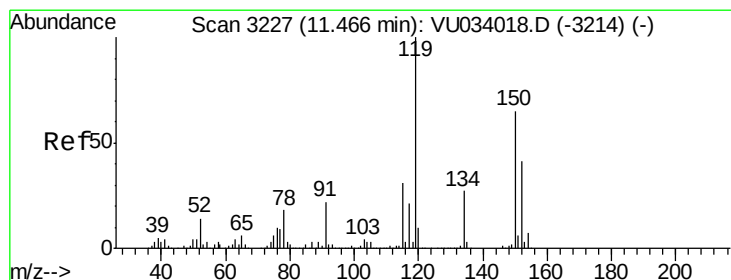
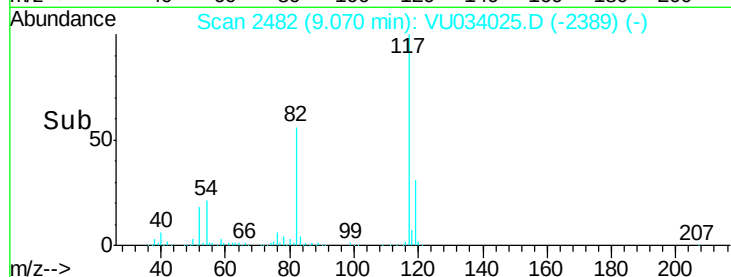
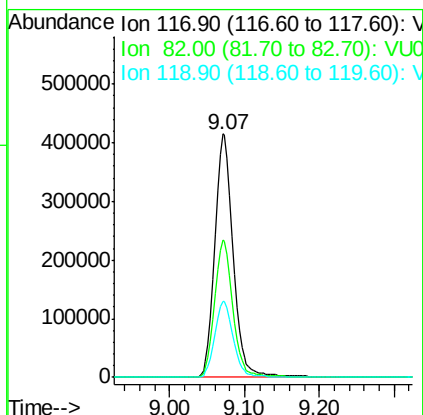
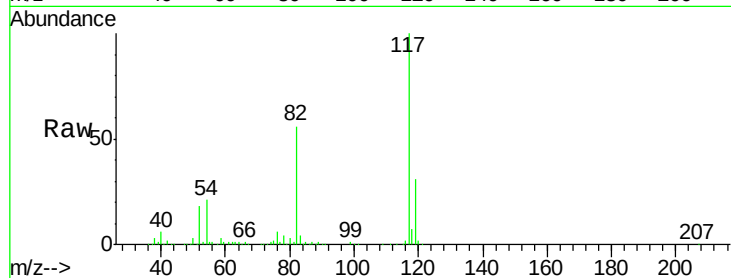




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034025.D
Acq: 28 Aug 2019 16:09

Instrument :
MSVOA_U
ClientSampleId :
TB-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.1	67.7
119	31.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034025.D
Acq: 28 Aug 2019 16:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	41.1	123.3
150	155.9	0.0	348.8

