

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034054.D
 Acq On : 29 Aug 2019 12:11
 Operator : JC/SP
 Sample : VU0830WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830WBL01

Quant Time: Aug 29 13:58:25 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	459761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	733861	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	699333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	333922	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	298617	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	4.86	113	245049	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
50) Toluene-d8	7.55	98	930401	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
62) 4-Bromofluorobenzene	10.29	95	314000	42.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.70%	

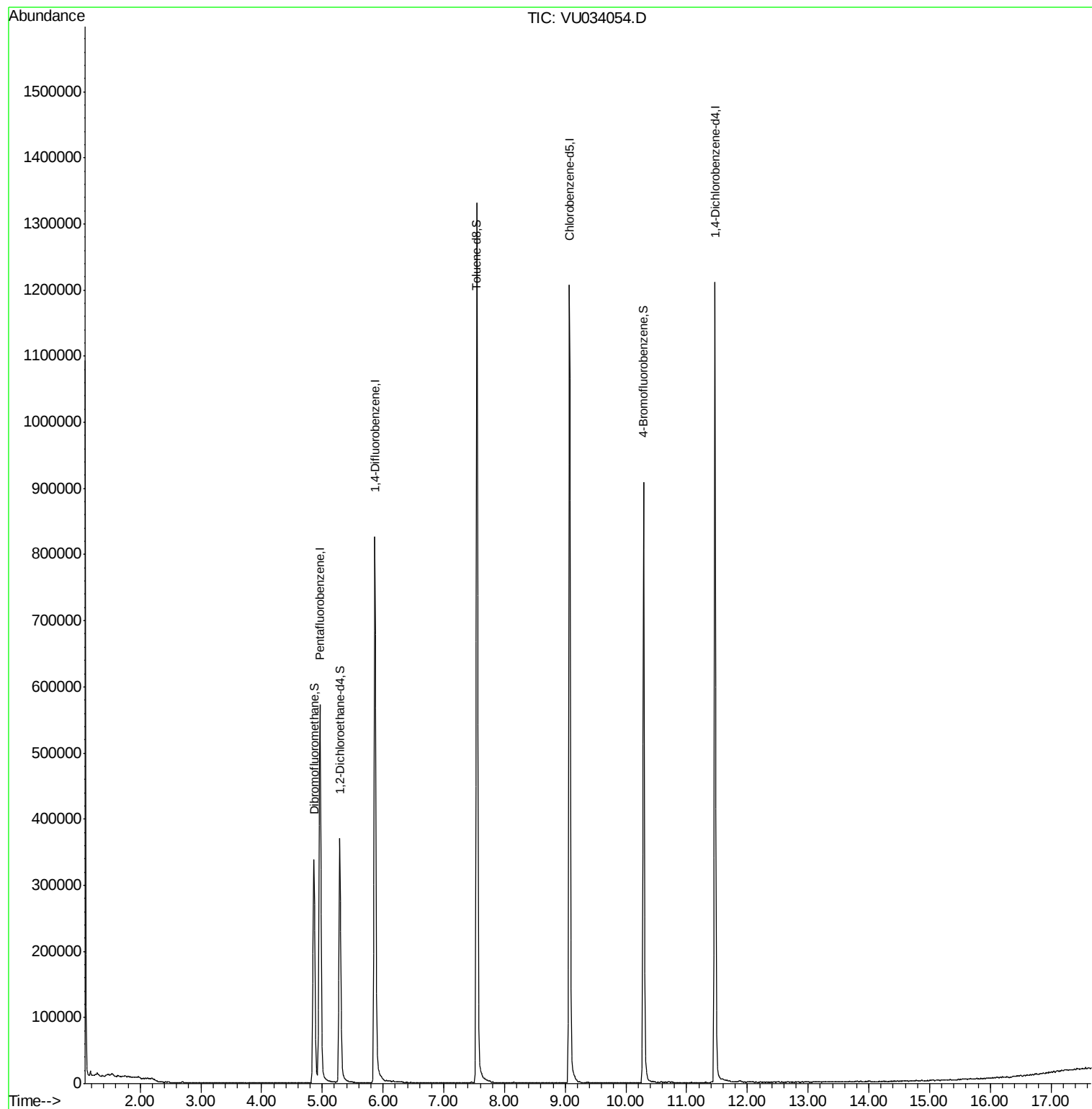
Target Compounds	Qvalue

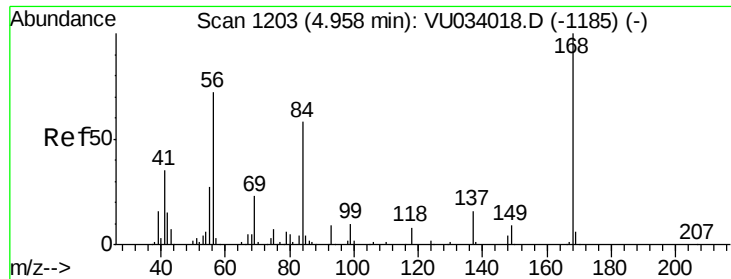
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034054.D

Acq: 29 Aug 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

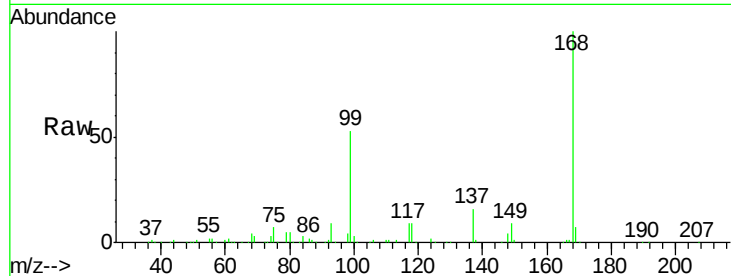
VU0830WBL01

Tot Ion:168 Resp: 459761

Ion Ratio Lower Upper

168 100

99 52.8 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

200000

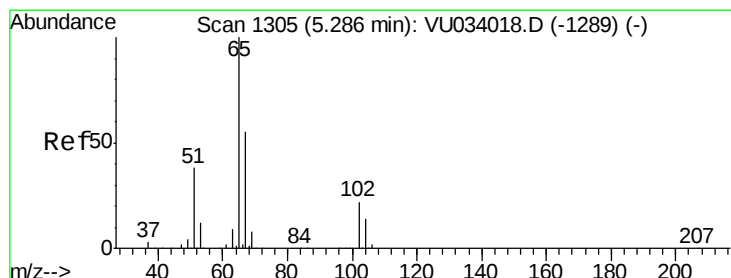
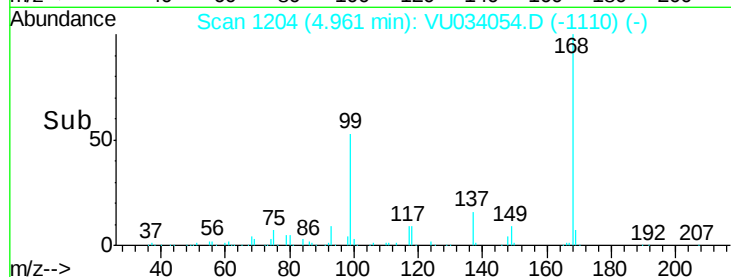
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.689 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034054.D

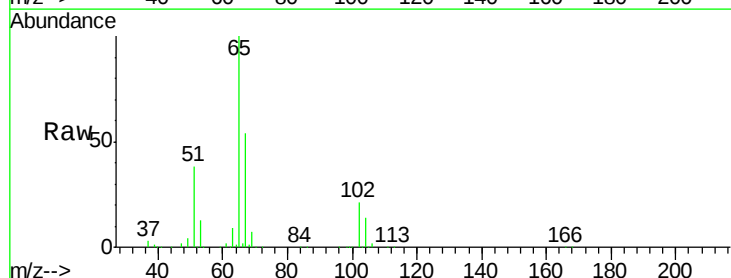
Acq: 29 Aug 2019 12:11

Tgt Ion: 65 Resp: 298617

Ion Ratio Lower Upper

65 100

67 54.5 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

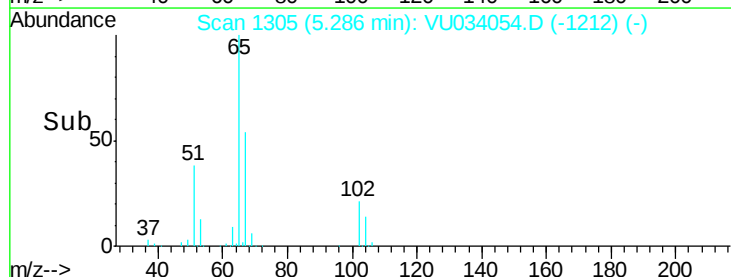
150000

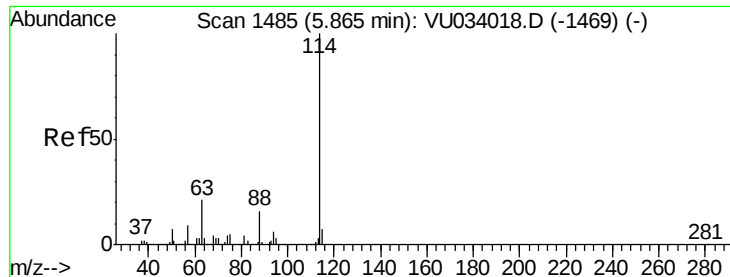
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034054.D

Acq: 29 Aug 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

VU0830WBL01

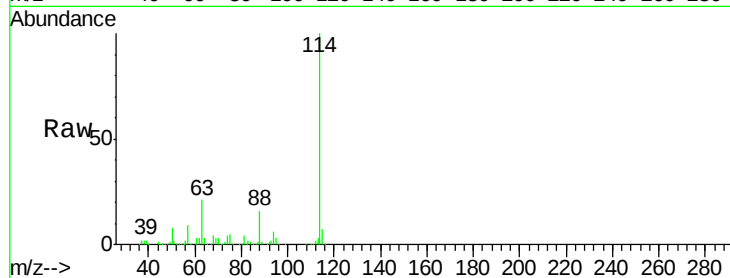
Tot Ion:114 Resp: 733861

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.0

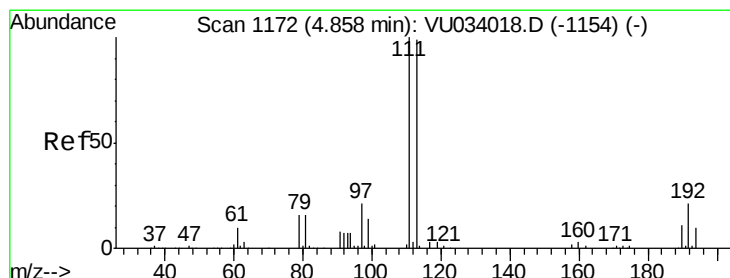
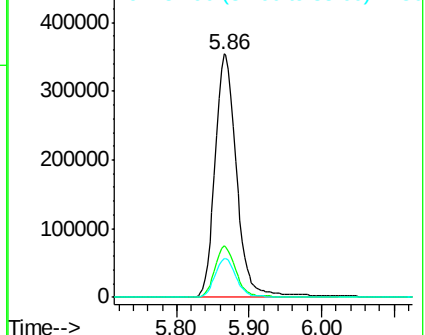
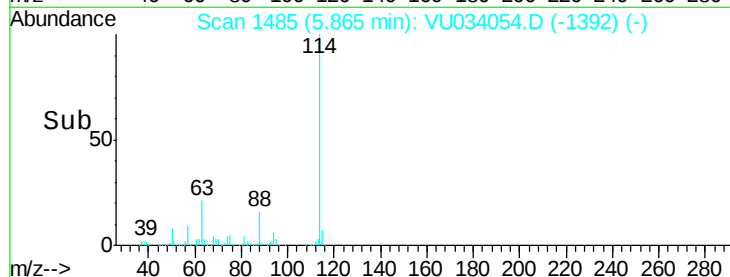
88 16.0 0.0 32.0



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: 48.143 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034054.D

Acq: 29 Aug 2019 12:11

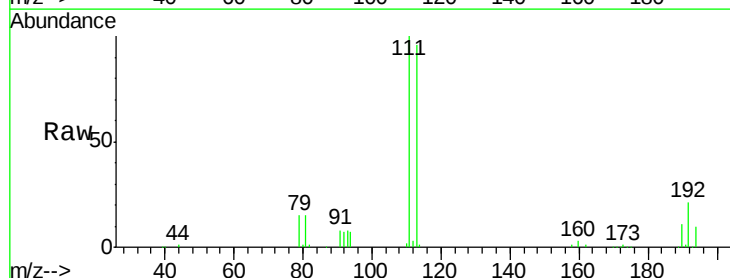
Tgt Ion:113 Resp: 245049

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

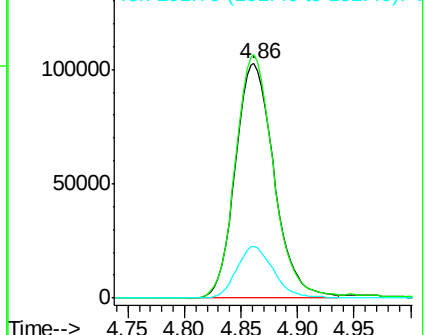
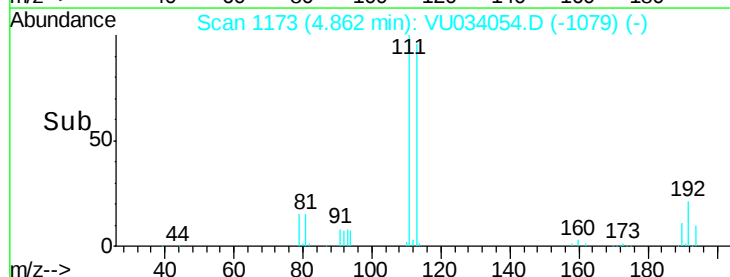
192 21.2 17.1 25.7

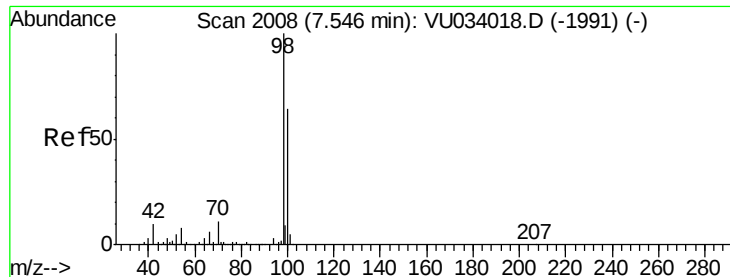


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

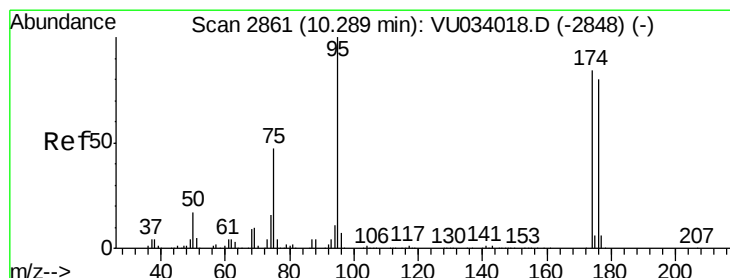
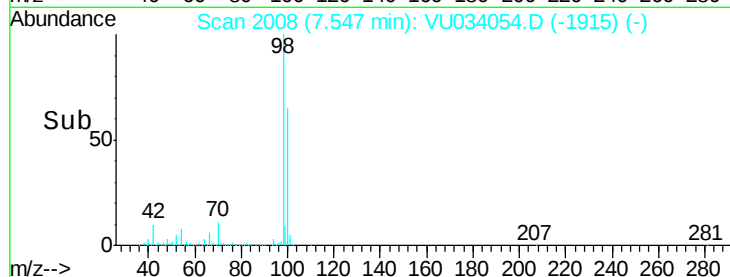
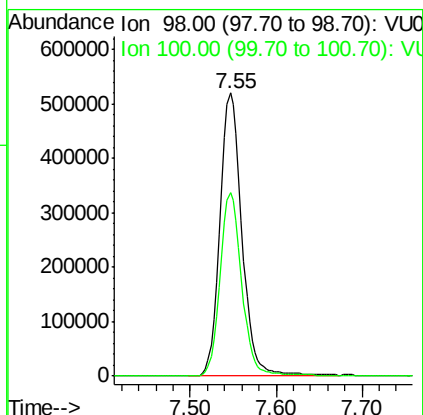
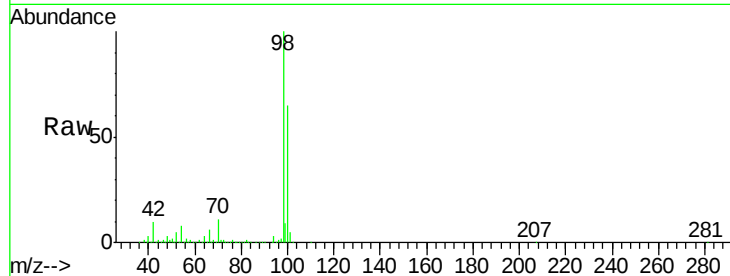




#50
Toluene-d8
Concen: 48.817 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034054.D
Acq: 29 Aug 2019 12:11

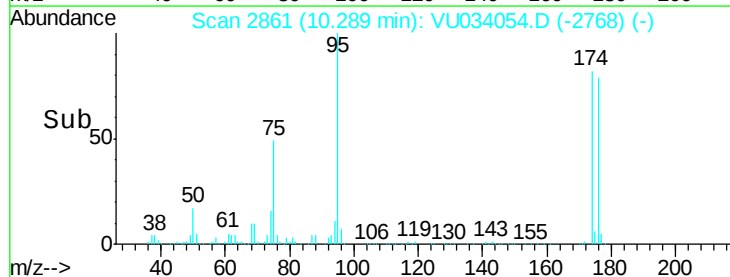
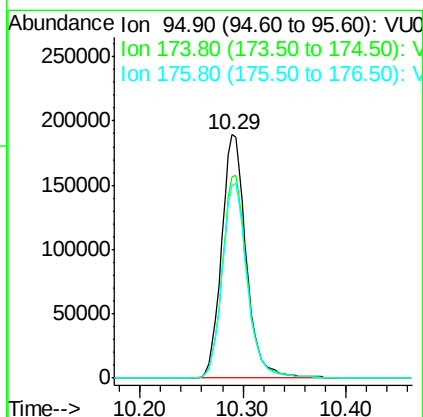
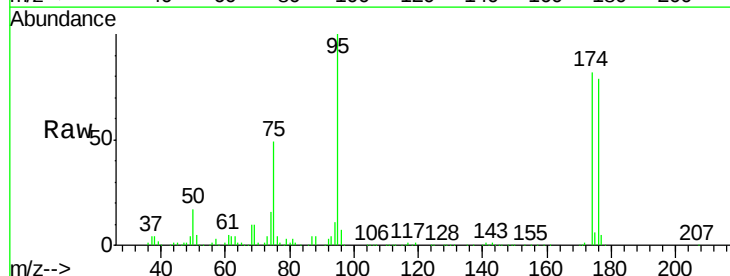
Instrument :
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VU0830WBL01

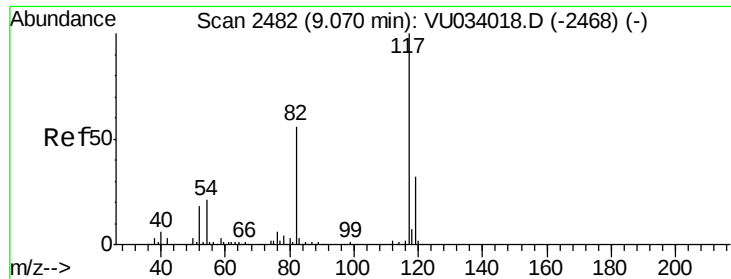
Tot Ion: 98 Resp: 930401
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.354 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034054.D
Acq: 29 Aug 2019 12:11

Tgt Ion: 95 Resp: 314000
Ion Ratio Lower Upper
95 100
174 84.3 0.0 168.8
176 81.0 0.0 161.8

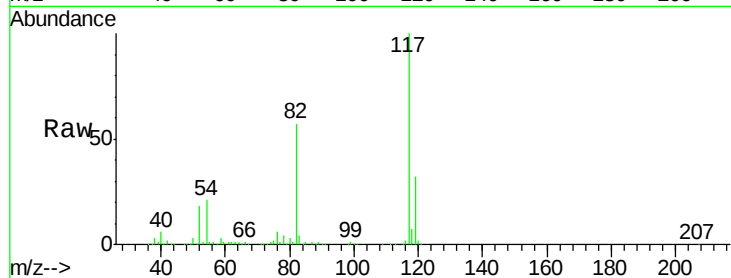




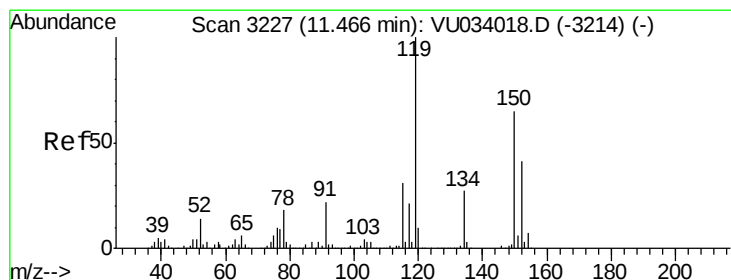
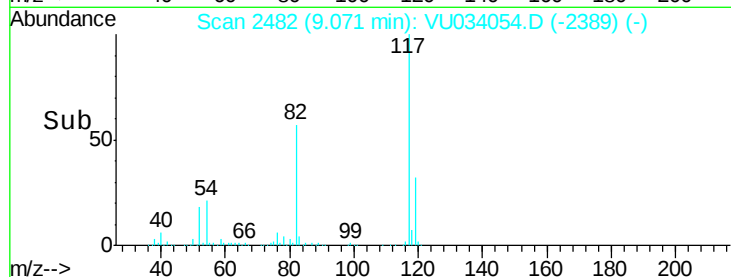
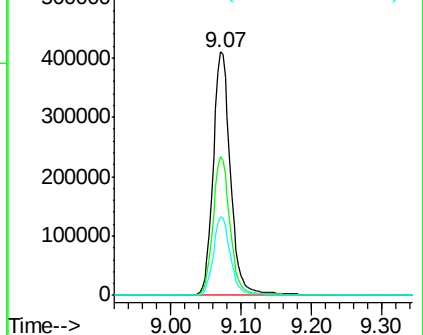
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034054.D
Acq: 29 Aug 2019 12:11

Instrument :
MSVOA_U
ClientSampleId :
VU0830WBL01

Tot Ion:117 Resp: 699333
Ion Ratio Lower Upper
117 100
82 56.9 45.1 67.7
119 32.0 25.4 38.0

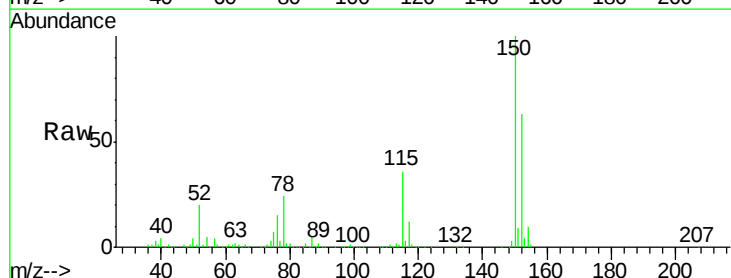


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034054.D
Acq: 29 Aug 2019 12:11

Tgt Ion:152 Resp: 333922
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 157.1 0.0 348.8



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

