

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034053.D
 Acq On : 29 Aug 2019 11:48
 Operator : JC/SP
 Sample : VU0830MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0830MBL01

Quant Time: Aug 29 13:56:59 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	438258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	698939	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	655880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	309474	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	284759	50.71	ug/l	0.00
Spiked Amount						
			Recovery	=	101.42%	
35) Dibromofluoromethane	4.86	113	235673	48.61	ug/l	0.00
Spiked Amount						
			Recovery	=	97.22%	
50) Toluene-d8	7.55	98	873418	48.12	ug/l	0.00
Spiked Amount						
			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	10.29	95	292247	41.39	ug/l	0.00
Spiked Amount						
			Recovery	=	82.78%	

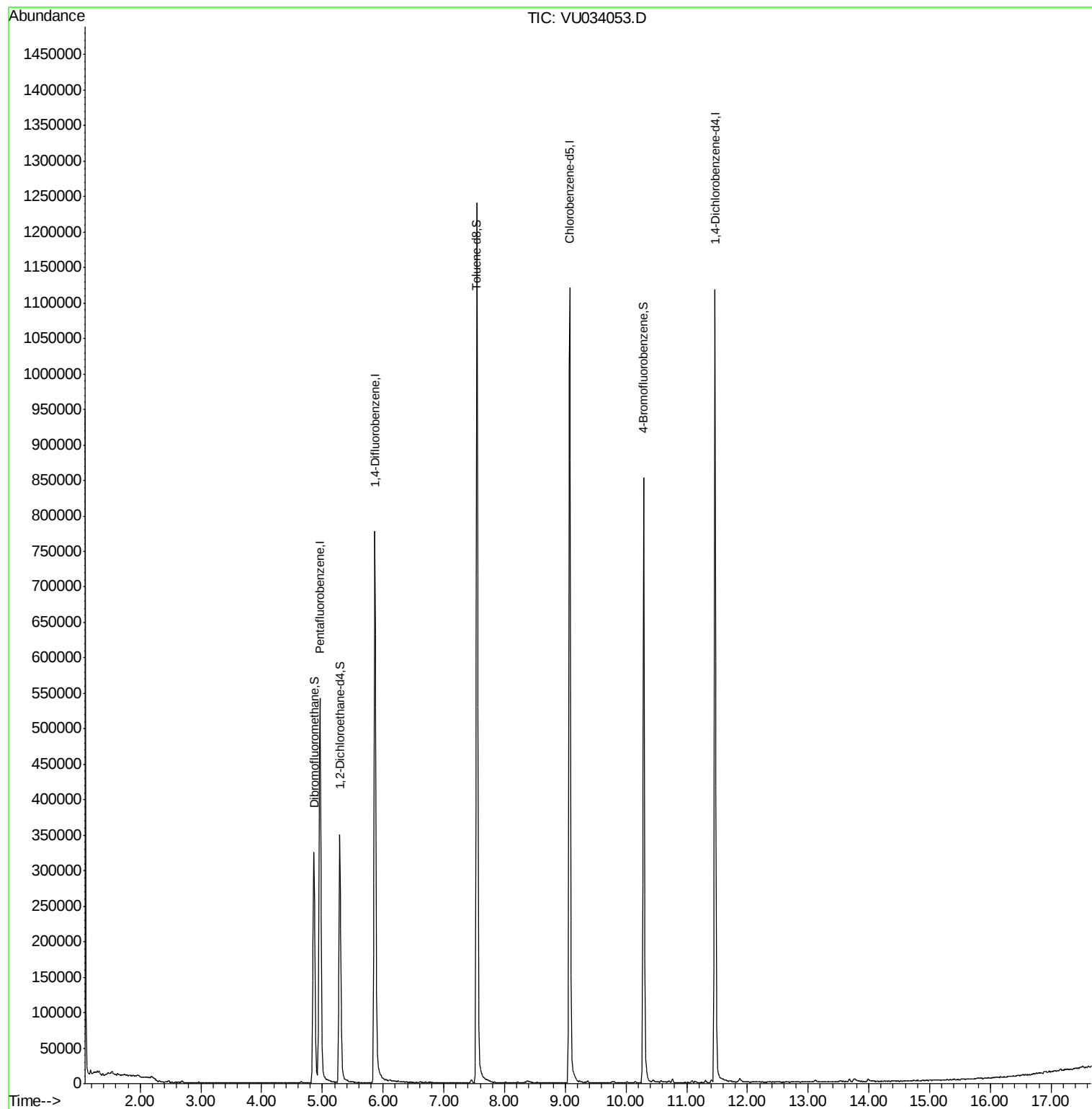
Target Compounds	Qvalue

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034053.D

Acq: 29 Aug 2019 11:48

Instrument :

MSVOA_U

ClientSampleId :

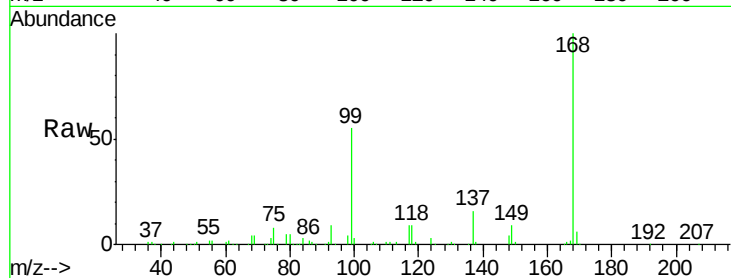
VU0830MBL01

Tot Ion:168 Resp: 438258

Ion Ratio Lower Upper

168 100

99 55.0 42.3 63.5



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

Ion 98.90 (98.60 to 99.60): VU034053.D (-1110) (-)

4.96

200000

150000

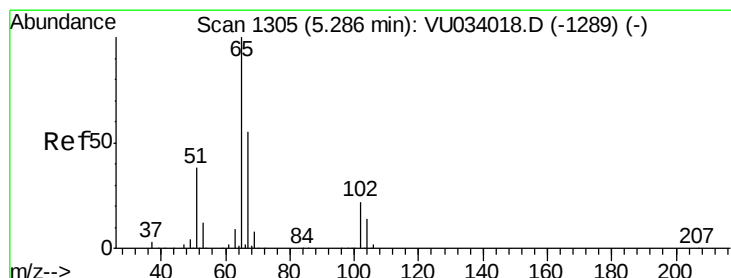
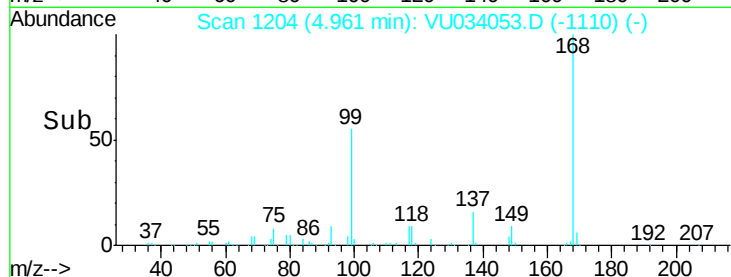
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.709 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034053.D

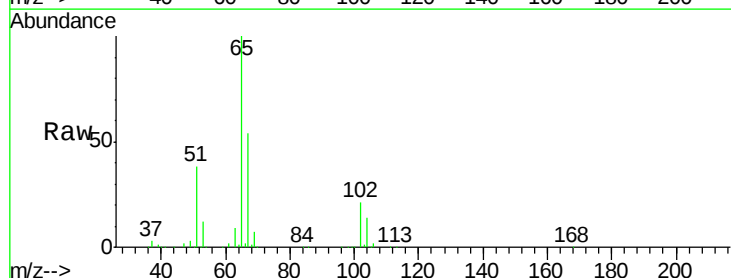
Acq: 29 Aug 2019 11:48

Tgt Ion: 65 Resp: 284759

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): VU034053.D (-1212) (-)

5.29

150000

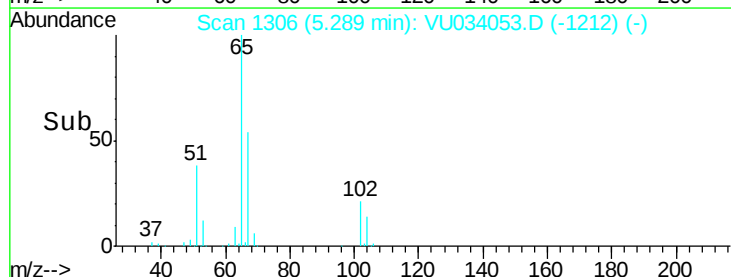
100000

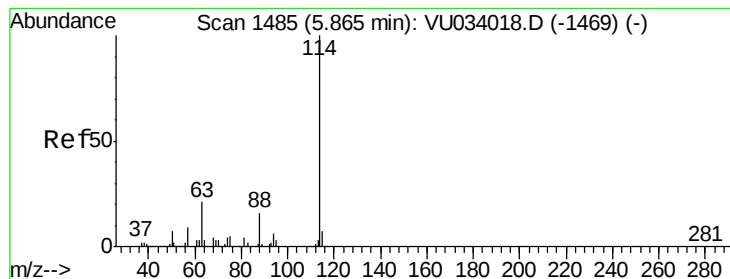
50000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VU034053.D

Acq: 29 Aug 2019 11:48

Instrument :

MSVOA_U

ClientSampleId :

VU0830MBL01

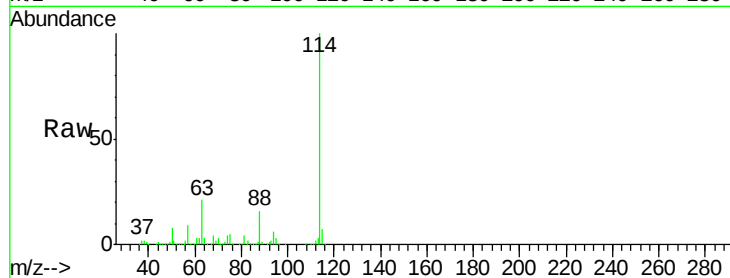
Tot Ion:114 Resp: 698939

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.0

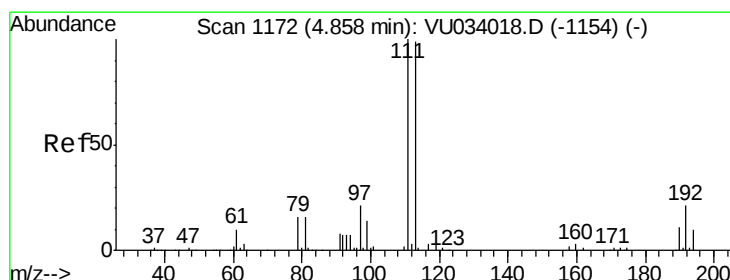
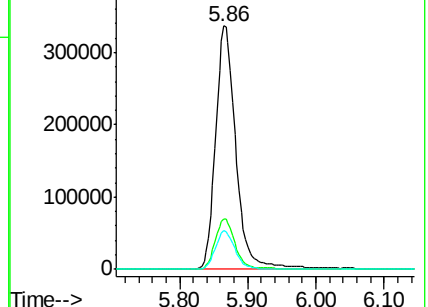
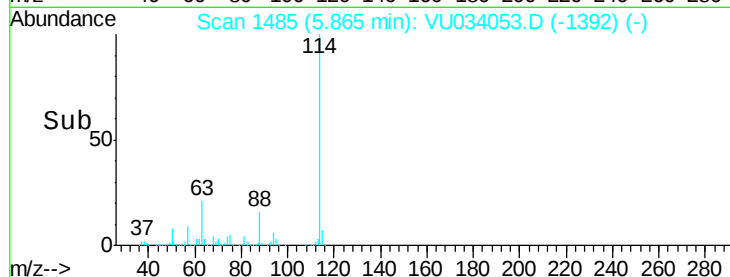
88 15.7 0.0 32.0



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: 48.615 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034053.D

Acq: 29 Aug 2019 11:48

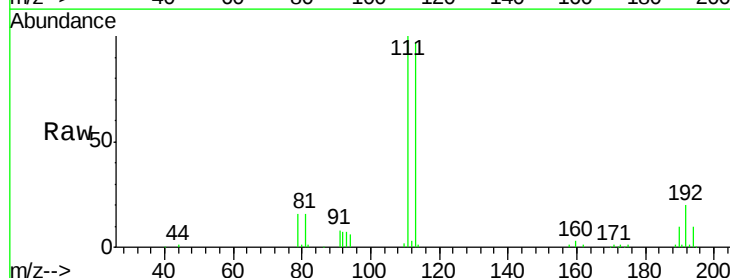
Tgt Ion:113 Resp: 235673

Ion Ratio Lower Upper

113 100

111 101.7 81.7 122.5

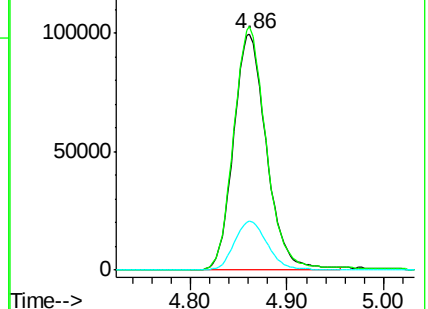
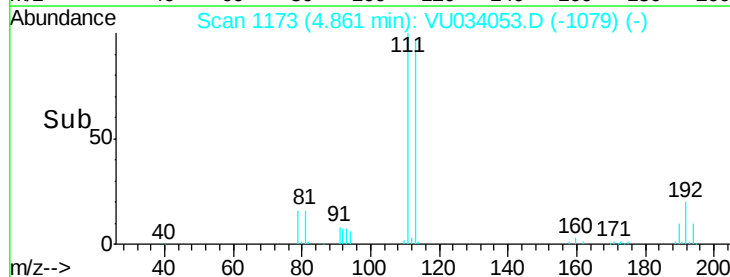
192 20.9 17.1 25.7

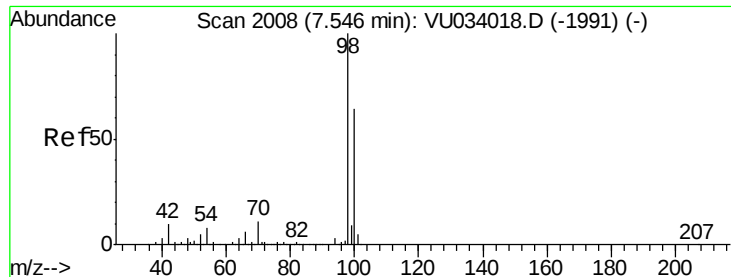


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.117 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034053.D

Acq: 29 Aug 2019 11:48

Instrument :

MSVOA_U

ClientSampleId :

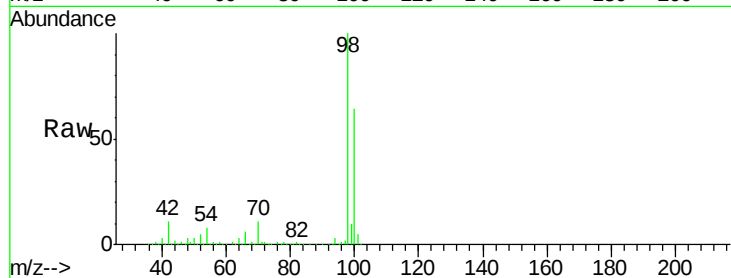
VU0830MBL01

Tot Ion: 98 Resp: 873418

Ion Ratio Lower Upper

98 100

100 63.2 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034018.D (-1991) (-)

Ion 100.00 (99.70 to 100.70): VU034018.D (-1991) (-)

7.55

500000

400000

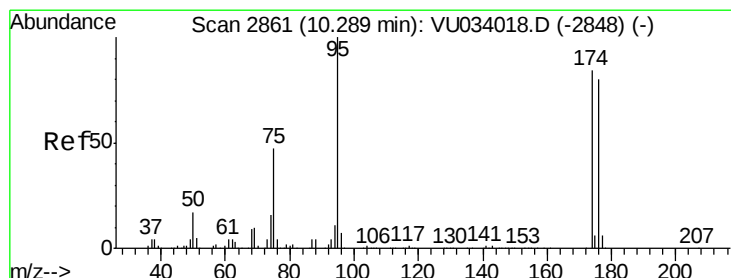
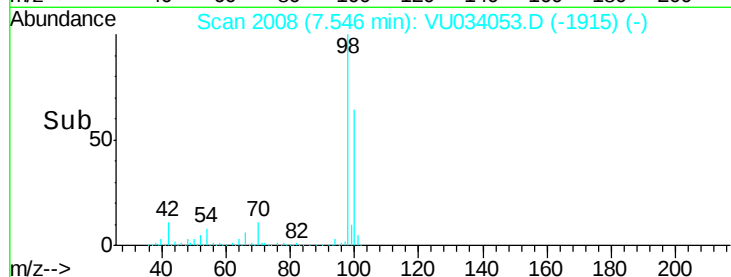
300000

200000

100000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 41.389 ug/l

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VU034053.D

Acq: 29 Aug 2019 11:48

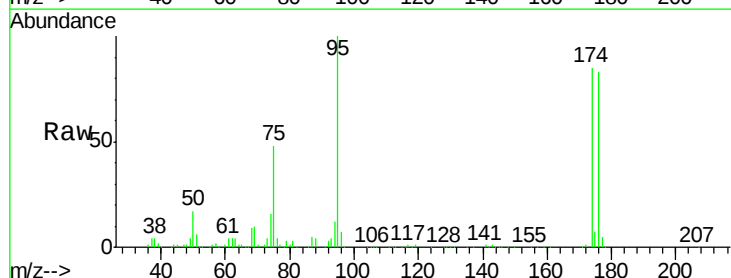
Tgt Ion: 95 Resp: 292247

Ion Ratio Lower Upper

95 100

174 85.1 0.0 168.8

176 82.6 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034018.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU034018.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU034018.D (-2848) (-)

10.29

200000

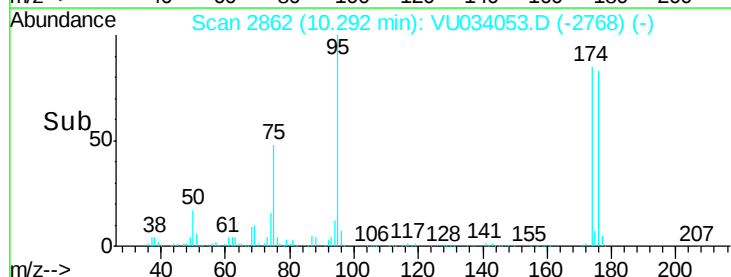
150000

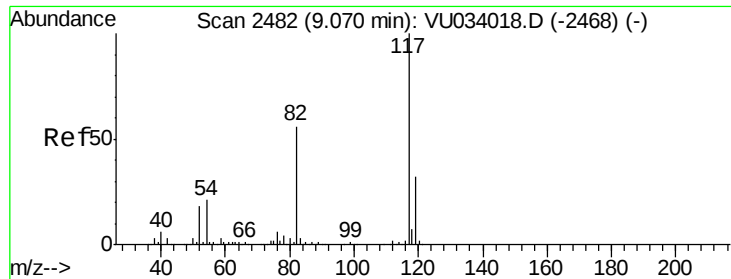
100000

50000

0

Time--> 10.20 10.30 10.40

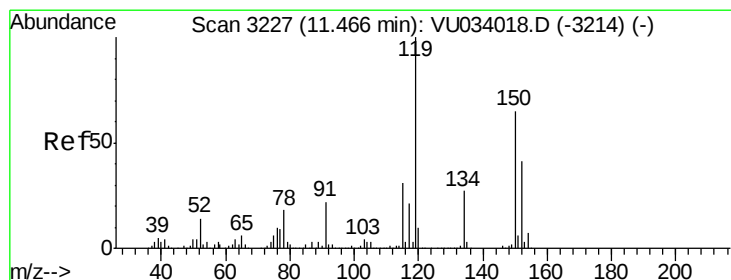
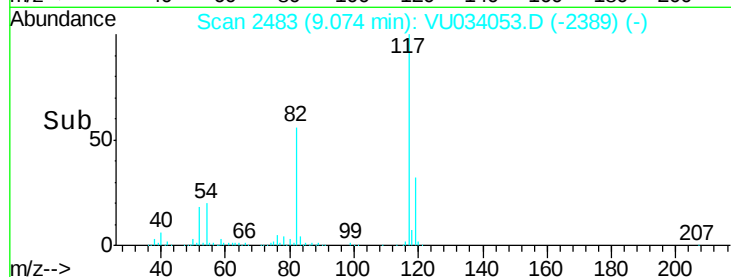
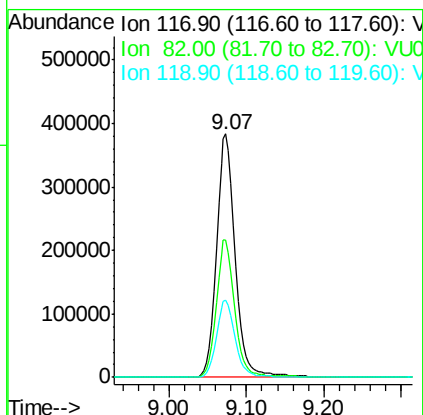
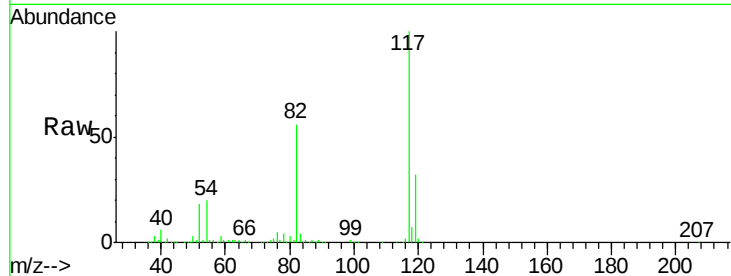




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2483
Delta R.T. 0.00 min
Lab File: VU034053.D
Acq: 29 Aug 2019 11:48

Instrument :
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VU0830MBL01

Tot Ion:117 Resp: 655880
Ion Ratio Lower Upper
117 100
82 56.3 45.1 67.7
119 31.8 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: VU034053.D
Acq: 29 Aug 2019 11:48

Tgt Ion:152 Resp: 309474
Ion Ratio Lower Upper
152 100
115 57.5 41.1 123.3
150 157.2 0.0 348.8

