

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034057.D
 Acq On : 29 Aug 2019 13:21
 Operator : JC/SP
 Sample : K4596-21
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB05-082819

Quant Time: Aug 29 14:02:47 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	4.95	168	487094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	776478	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.08	117	743787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	366535	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.28	65	306979	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
35) Dibromofluoromethane	4.86	113	249939	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
50) Toluene-d8	7.55	98	968100	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	10.30	95	352727	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	

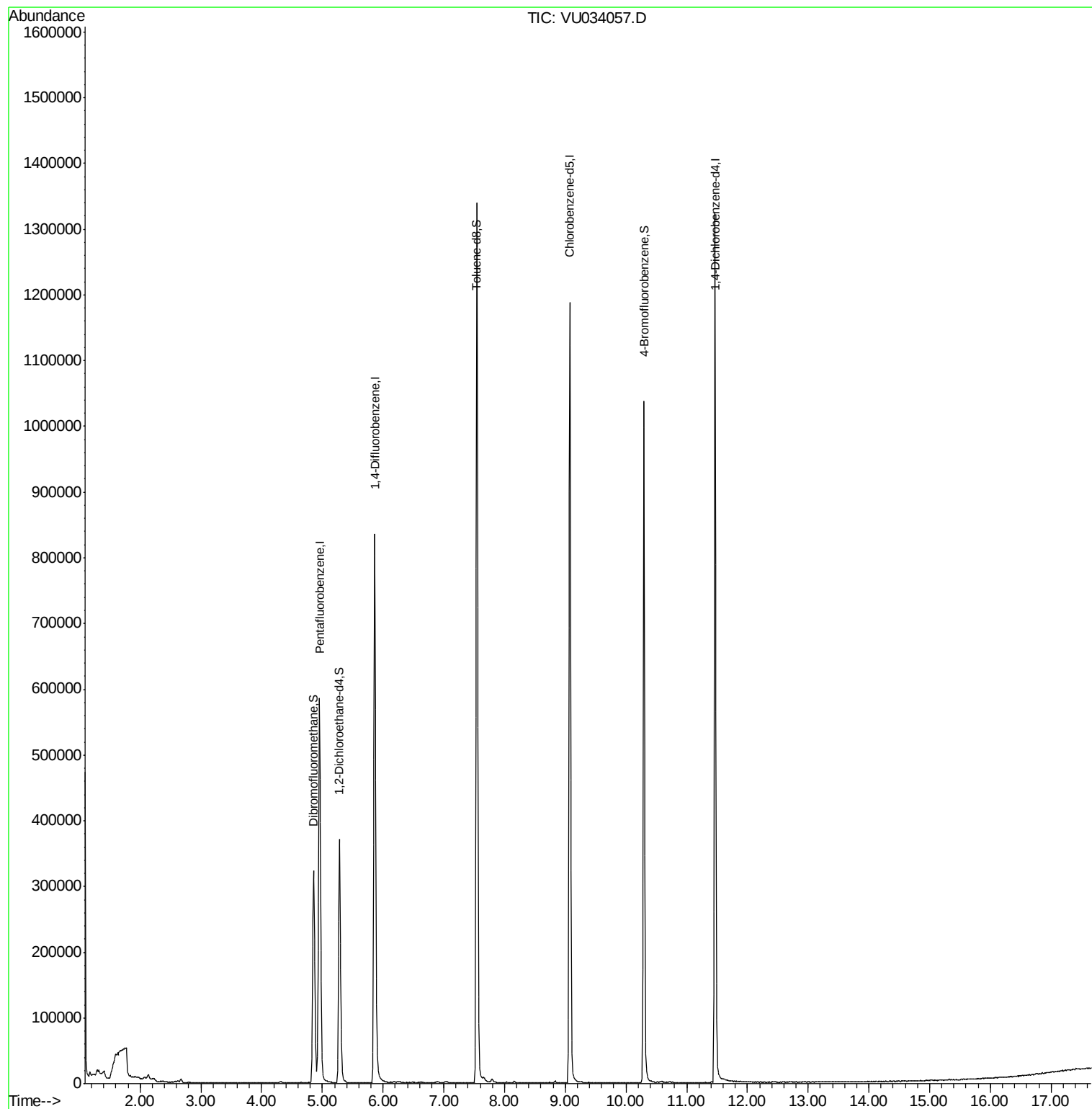
Target Compounds	Qvalue

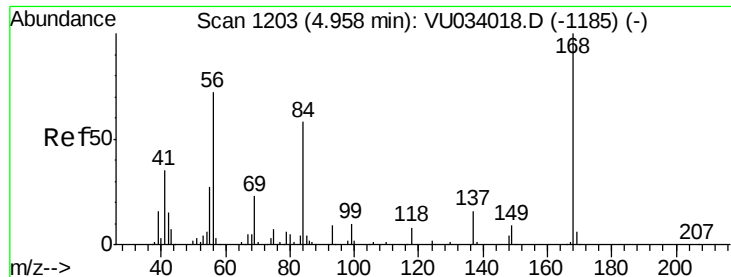
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.95 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VU034057.D

Acq: 29 Aug 2019 13:21

Instrument :

MSVOA_U

ClientSampleId :

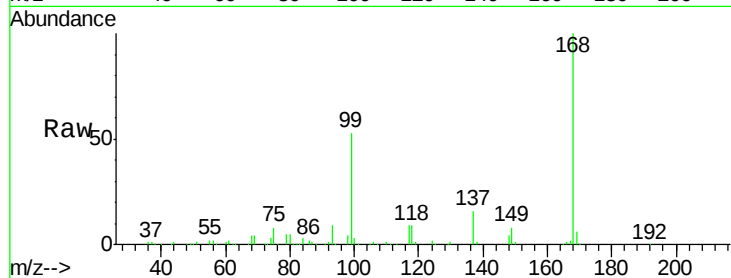
TB05-082819

Tot Ion:168 Resp: 487094

Ion Ratio Lower Upper

168 100

99 53.2 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) (-)

4.95

200000

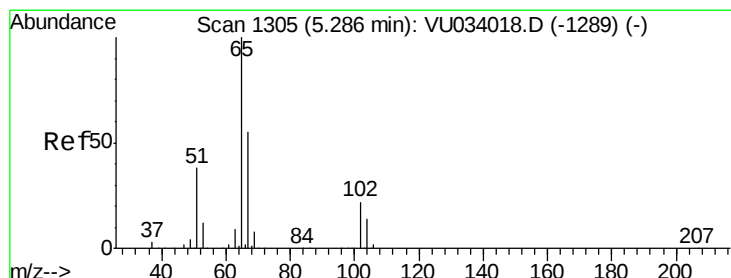
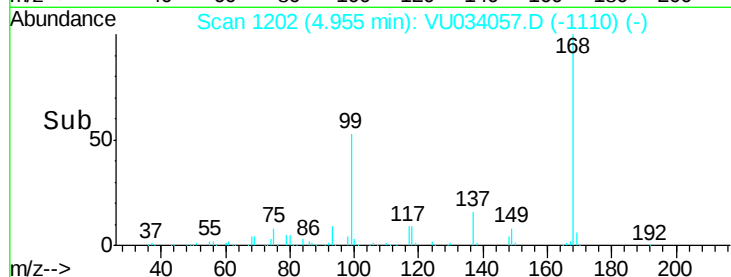
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.185 ug/l

RT: 5.28 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU034057.D

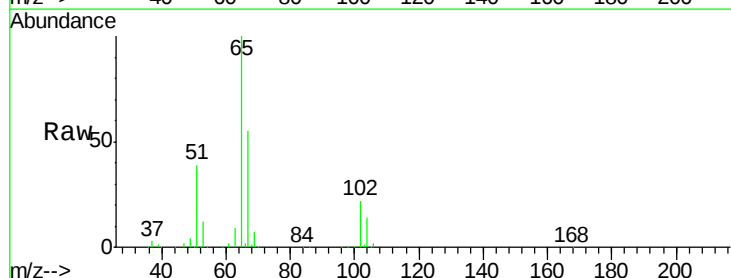
Acq: 29 Aug 2019 13:21

Tgt Ion: 65 Resp: 306979

Ion Ratio Lower Upper

65 100

67 55.2 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) (-)

5.28

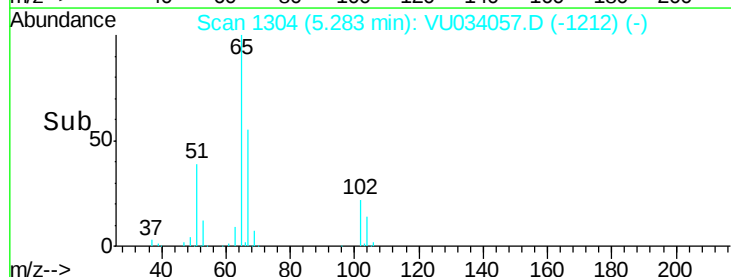
150000

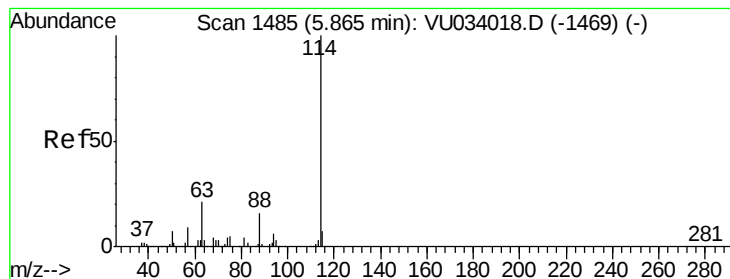
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1484

Delta R.T. -0.00 min

Lab File: VU034057.D

Acq: 29 Aug 2019 13:21

Instrument :

MSVOA_U

ClientSampleId :

TB05-082819

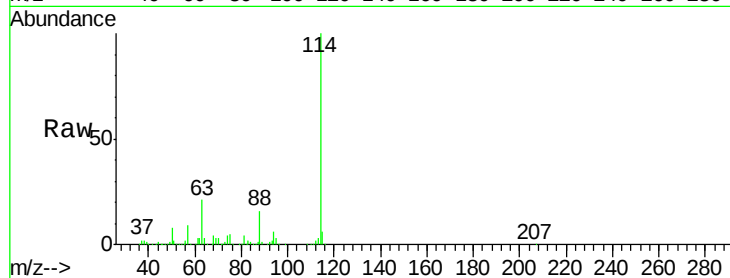
Tot Ion:114 Resp: 776478

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.0

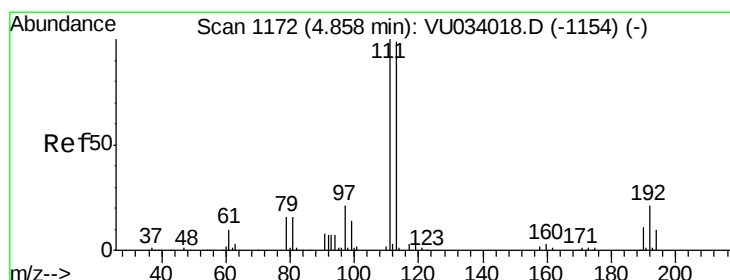
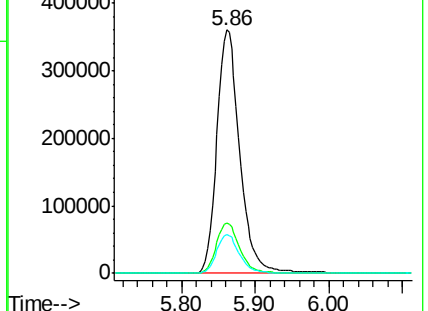
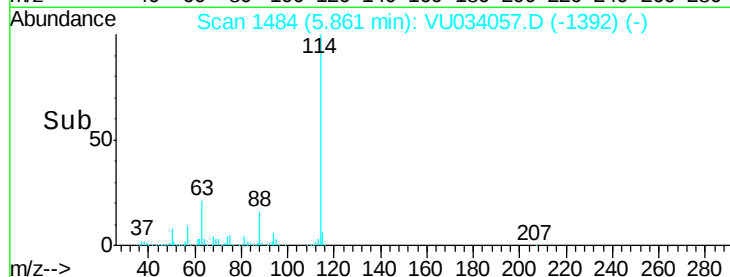
88 15.9 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 46.409 ug/l

RT: 4.86 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VU034057.D

Acq: 29 Aug 2019 13:21

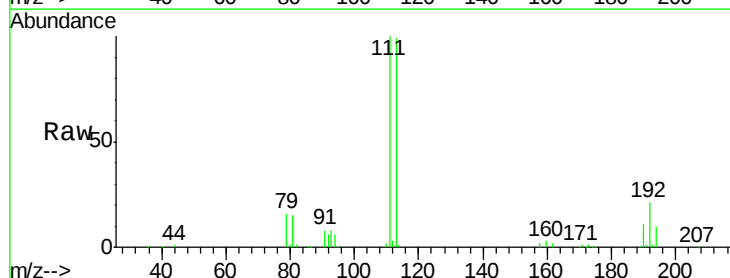
Tgt Ion:113 Resp: 249939

Ion Ratio Lower Upper

113 100

111 101.7 81.7 122.5

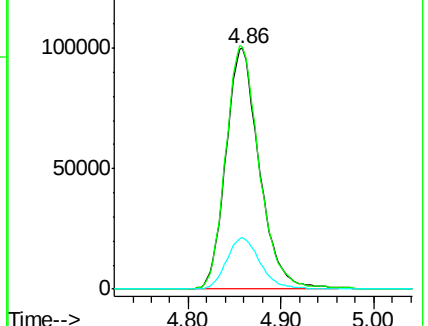
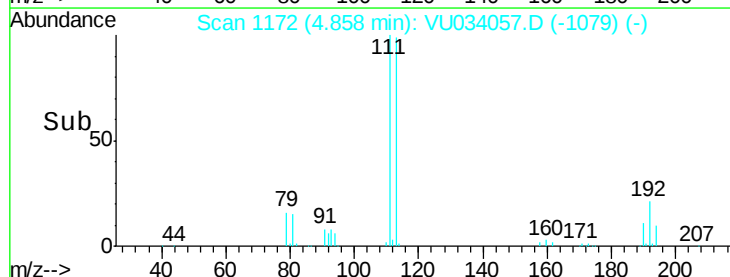
192 21.4 17.1 25.7

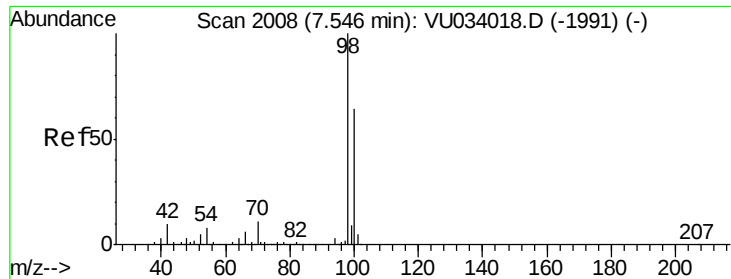


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.007 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034057.D

Acq: 29 Aug 2019 13:21

Instrument :

MSVOA_U

ClientSampleId :

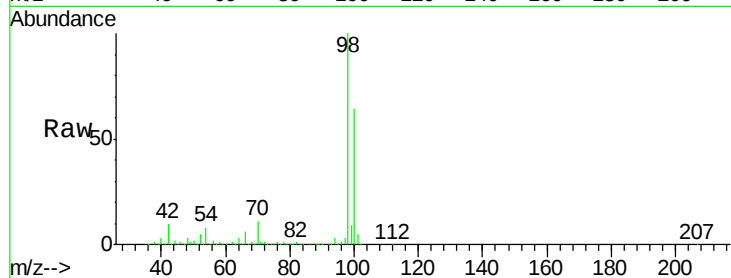
TB05-082819

Tot Ion: 98 Resp: 968100

Ion Ratio Lower Upper

98 100

100 63.9 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

600000

500000

400000

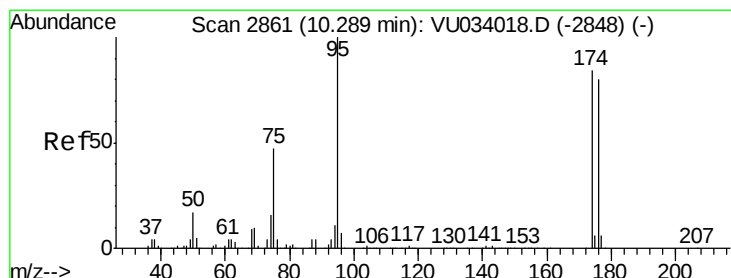
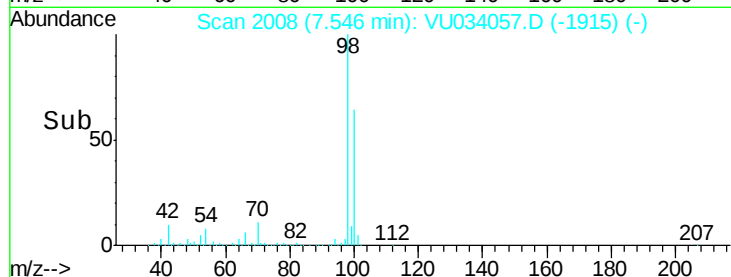
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.966 ug/l

RT: 10.30 min Scan# 2863

Delta R.T. 0.01 min

Lab File: VU034057.D

Acq: 29 Aug 2019 13:21

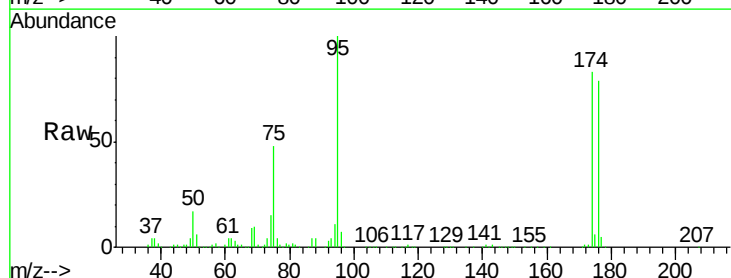
Tgt Ion: 95 Resp: 352727

Ion Ratio Lower Upper

95 100

174 85.0 0.0 168.8

176 80.4 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) (-)

10.30

300000

250000

200000

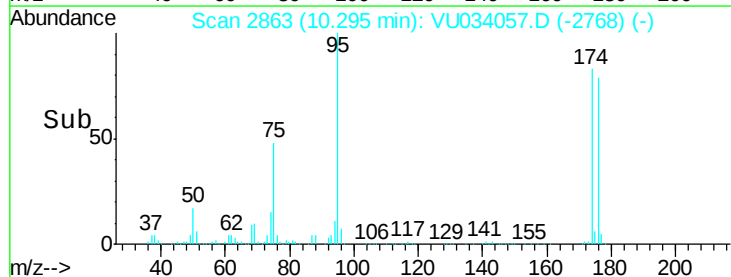
150000

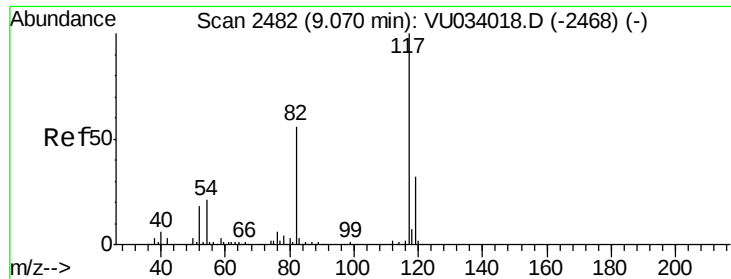
100000

50000

0

Time-->

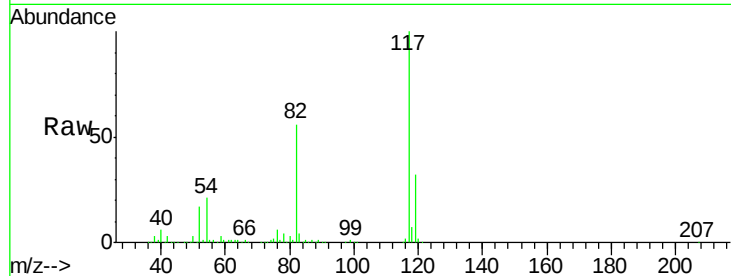




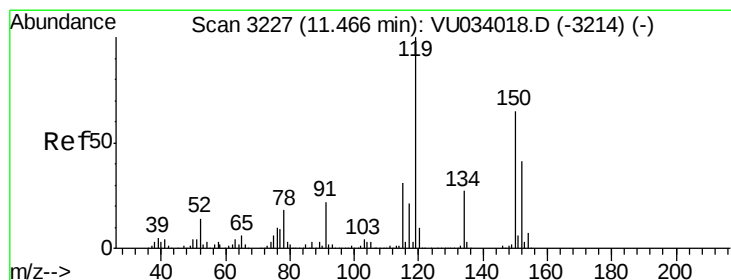
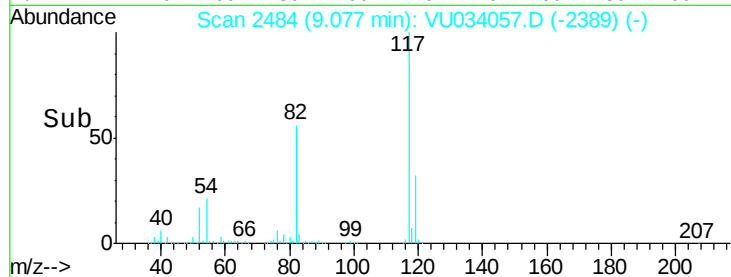
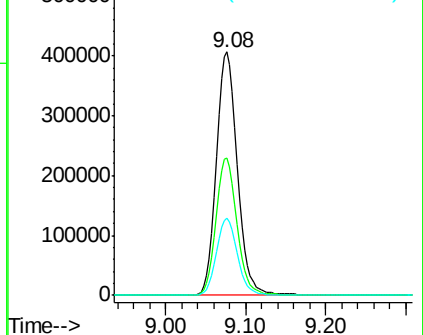
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.08 min Scan# 2484
 Delta R.T. 0.01 min
 Lab File: VU034057.D
 Acq: 29 Aug 2019 13:21

Instrument :
 MSVOA_U
 ClientSampleId :
 TB05-082819

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.1	67.7
119	31.8	25.4	38.0

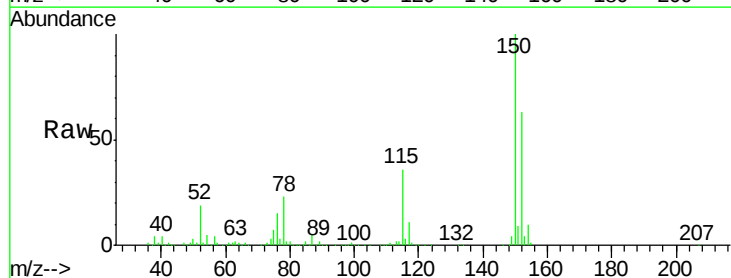


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.00 min
 Lab File: VU034057.D
 Acq: 29 Aug 2019 13:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	41.1	123.3
150	157.3	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

