

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090419\
 Data File : VU034215.D
 Acq On : 03 Sep 2019 10:22
 Operator : JC/SP
 Sample : VU0904WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBL01

Quant Time: Sep 04 04:50:33 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	420861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	688550	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	660871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	321069	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	271415	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
35) Dibromofluoromethane	4.86	113	233129	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	7.55	98	869384	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	10.29	95	298741	42.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.90%	

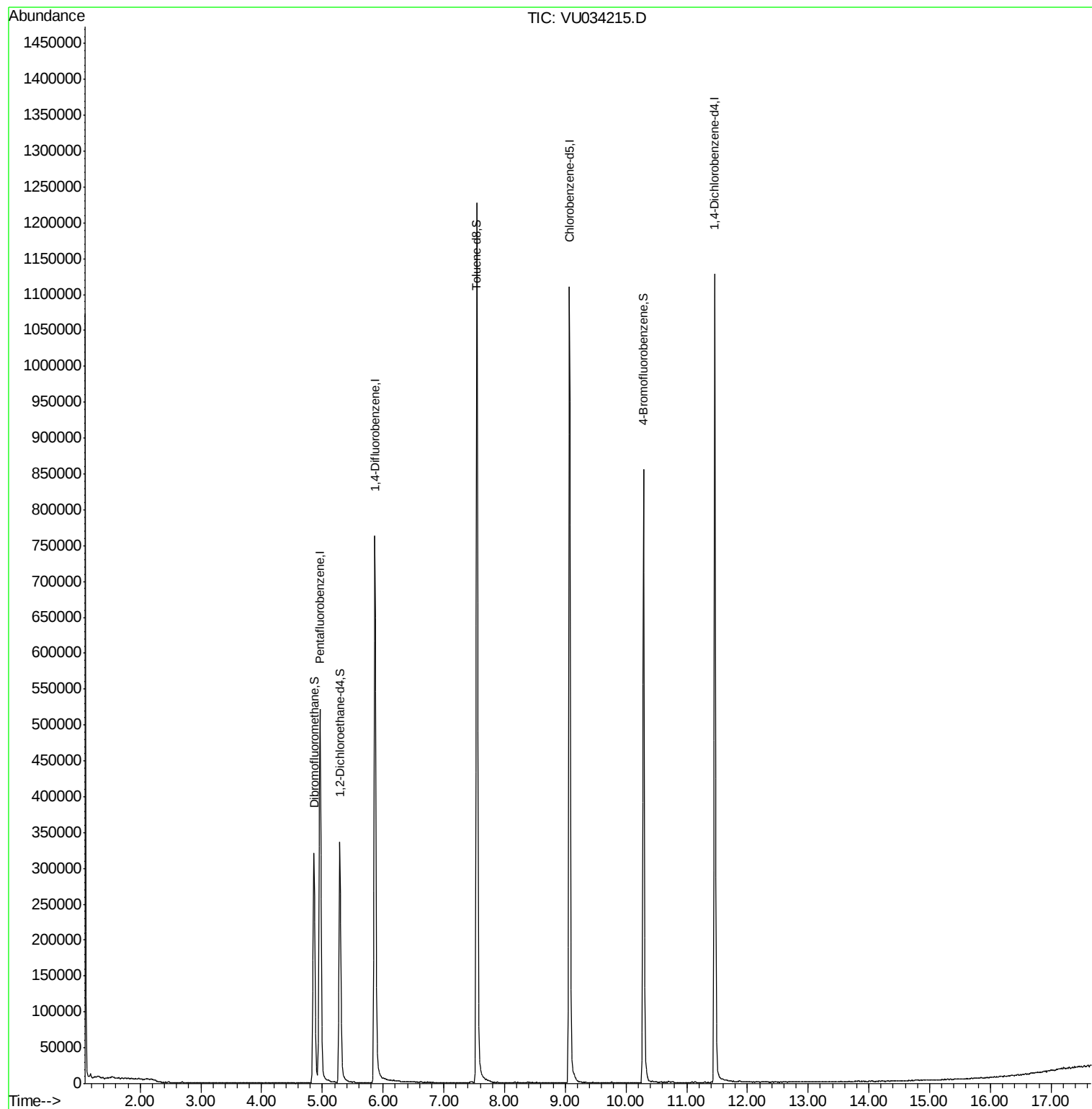
Target Compounds Qvalue

(#) = 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: VU034215.D

Acq: 03 Sep 2019 10:22

Instrument :

MSVOA_U

ClientSampleId :

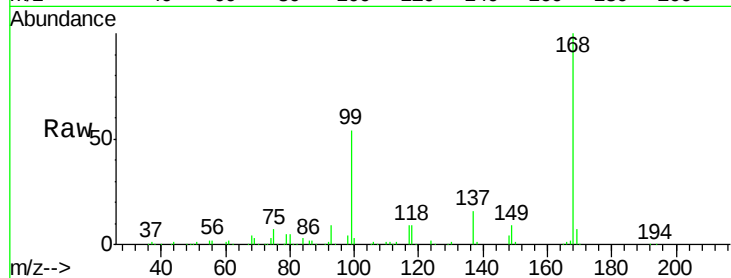
VU0904WBL01

Tot Ion:168 Resp: 420861

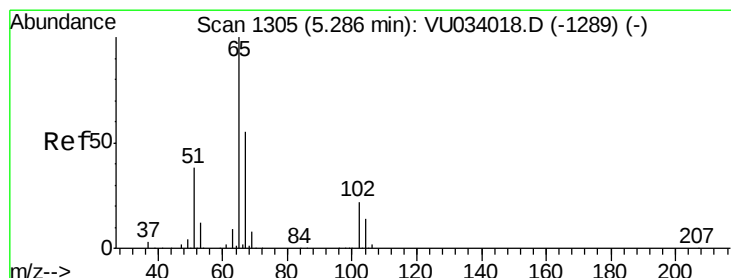
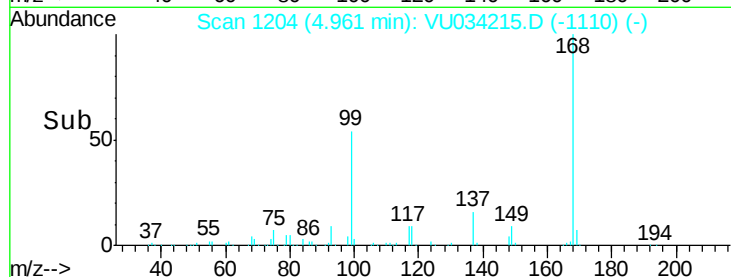
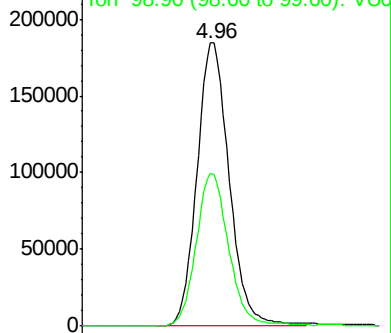
Ion Ratio Lower Upper

168 100

99 54.0 42.3 63.5



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



#33

1,2-Dichloroethane-d4

Concen: 50.330 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034215.D

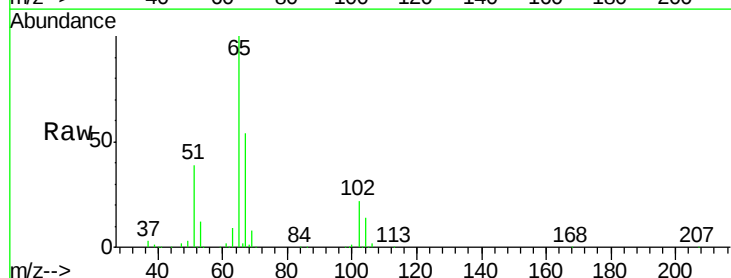
Acq: 03 Sep 2019 10:22

Tgt Ion: 65 Resp: 271415

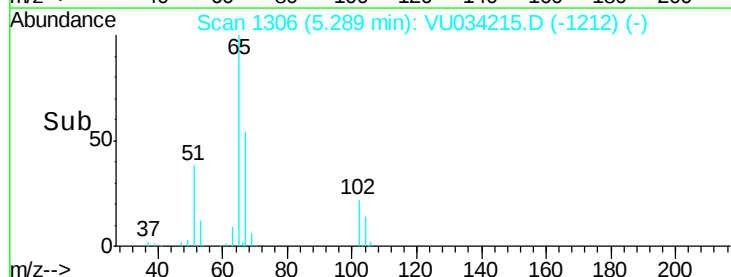
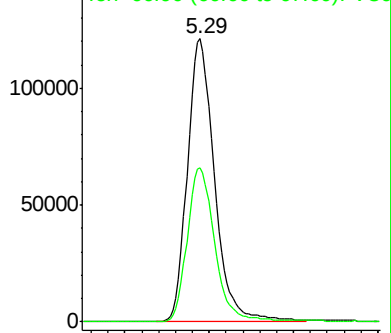
Ion Ratio Lower Upper

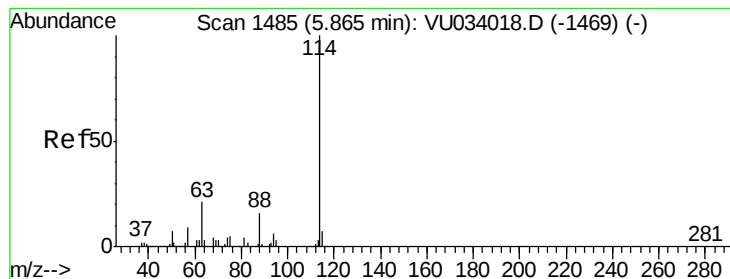
65 100

67 55.2 0.0 110.6



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034215.D

Acq: 03 Sep 2019 10:22

Instrument :

MSVOA_U

ClientSampleId :

VU0904WBL01

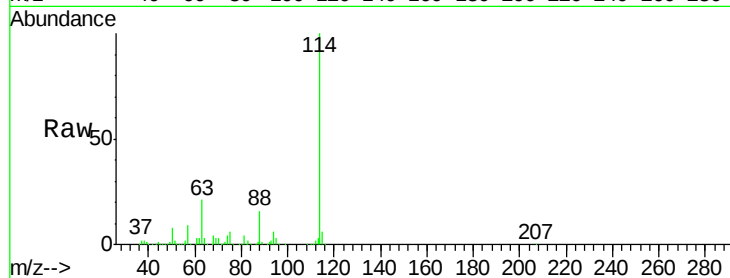
Tot Ion:114 Resp: 688550

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.0

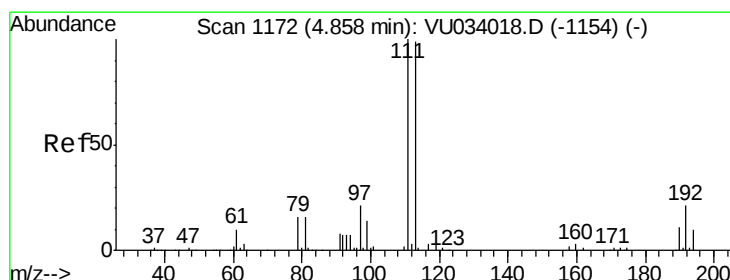
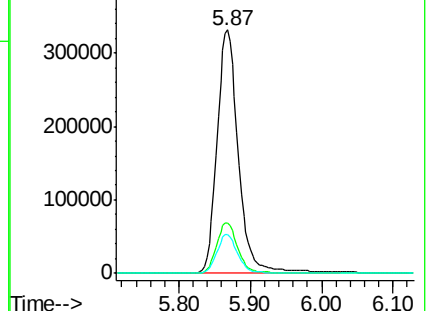
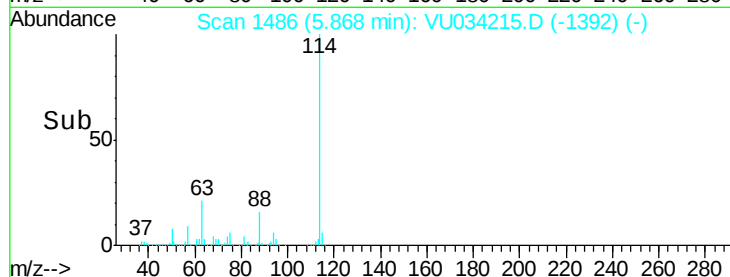
88 15.8 0.0 32.0



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: 48.815 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034215.D

Acq: 03 Sep 2019 10:22

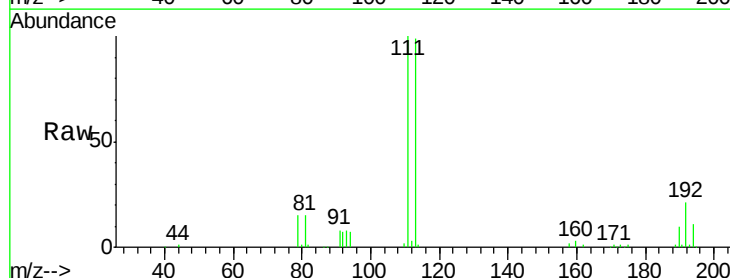
Tgt Ion:113 Resp: 233129

Ion Ratio Lower Upper

113 100

111 101.1 81.7 122.5

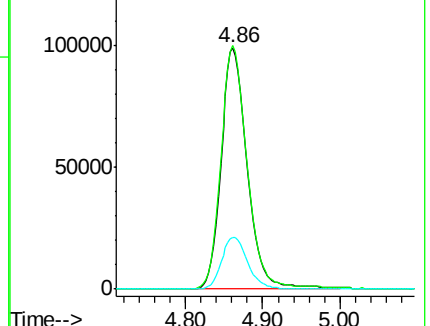
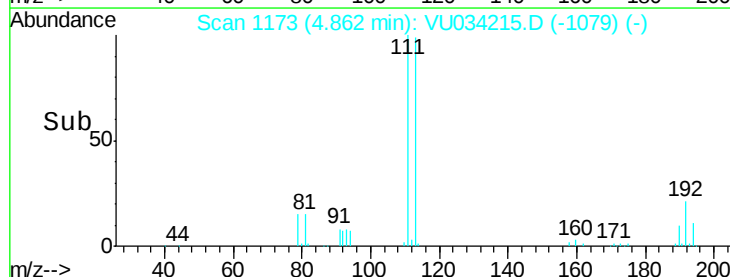
192 21.4 17.1 25.7

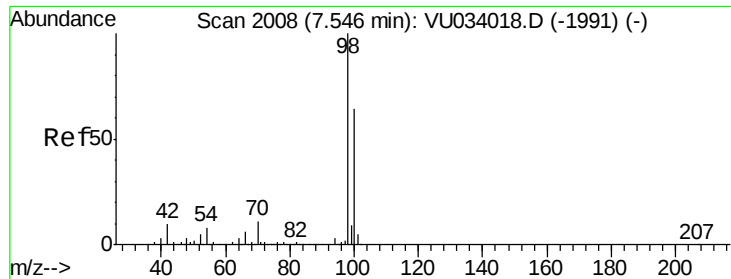


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.618 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034215.D

Acq: 03 Sep 2019 10:22

Instrument :

MSVOA_U

ClientSampleId :

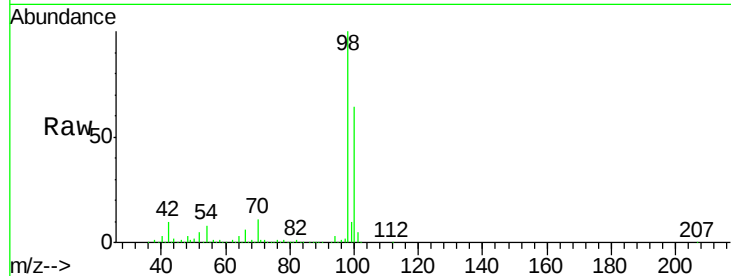
VU0904WBL01

Tot Ion: 98 Resp: 869384

Ion Ratio Lower Upper

98 100

100 64.1 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

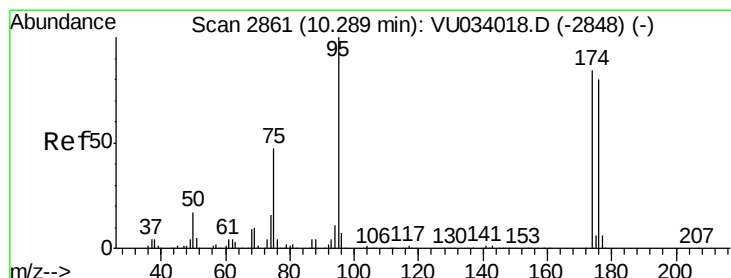
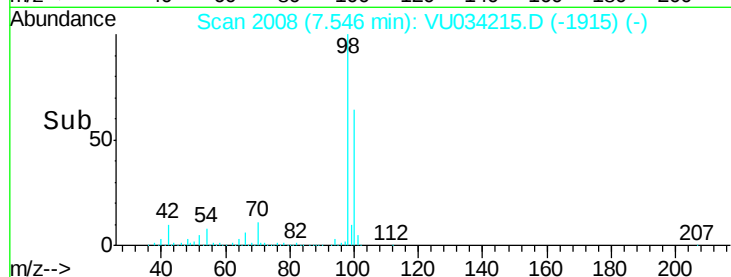
200000

100000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 42.948 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034215.D

Acq: 03 Sep 2019 10:22

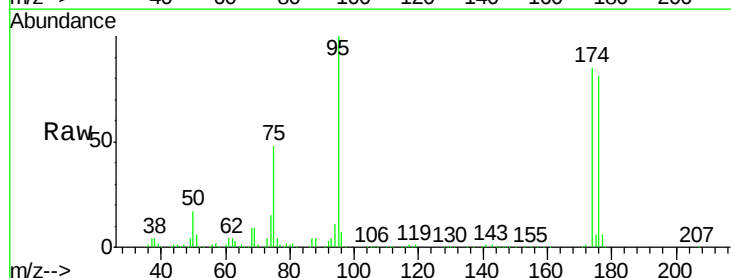
Tgt Ion: 95 Resp: 298741

Ion Ratio Lower Upper

95 100

174 86.1 0.0 168.8

176 81.6 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

250000

200000

150000

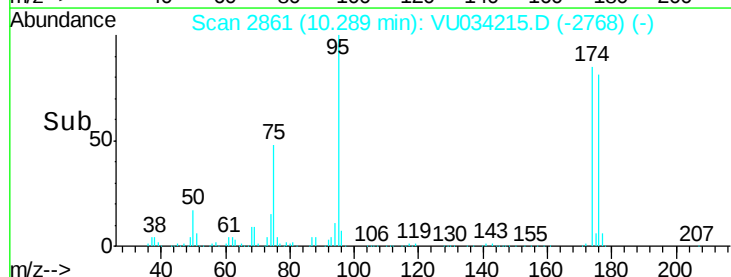
100000

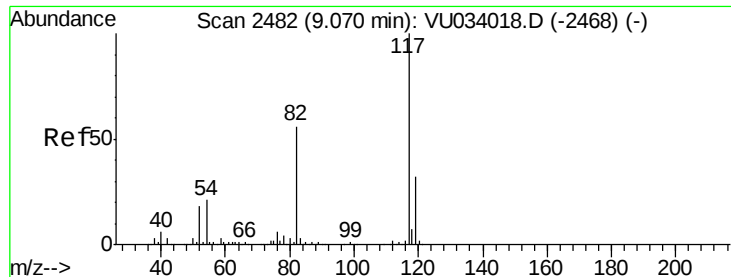
50000

0

10.20 10.25 10.30 10.35 10.40

Time-->

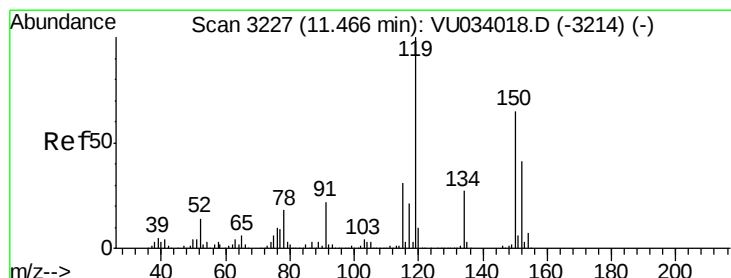
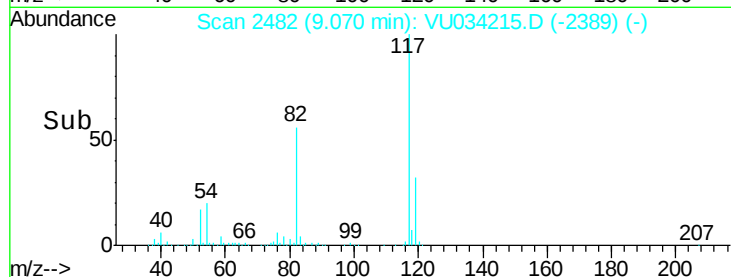
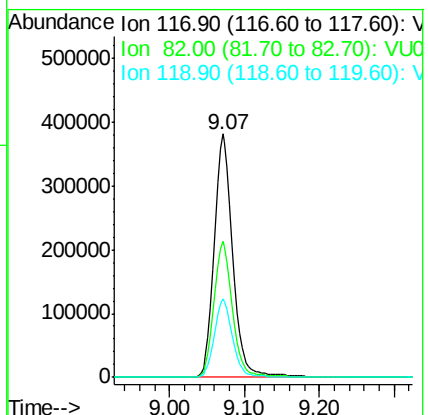
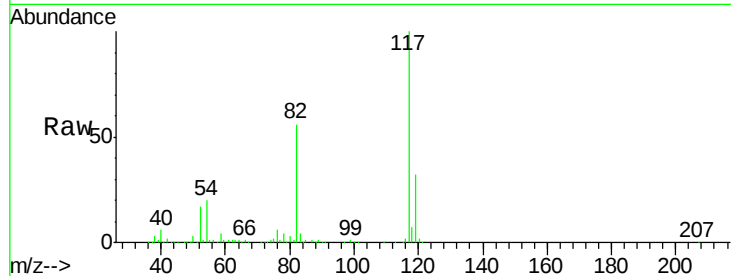




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034215.D
Acq: 03 Sep 2019 10:22

Instrument :
MSVOA_U
ClientSampleId :
VU0904WBL01

Tot Ion:117 Resp: 660871
Ion Ratio Lower Upper
117 100
82 55.8 45.1 67.7
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034215.D
Acq: 03 Sep 2019 10:22

Tgt Ion:152 Resp: 321069
Ion Ratio Lower Upper
152 100
115 56.0 41.1 123.3
150 156.2 0.0 348.8

