

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034286.D
 Acq On : 05 Sep 2019 16:18
 Operator : JC/SP
 Sample : VU0906WBL02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBL02

Quant Time: Sep 06 08:08:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	450347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	704530	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	670942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	324844	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	263185	38.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.24%	
35) Dibromofluoromethane	4.86	113	231028	35.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.48%	
50) Toluene-d8	7.55	98	891590	36.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.40%	
62) 4-Bromofluorobenzene	10.29	95	306358	32.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.44%	

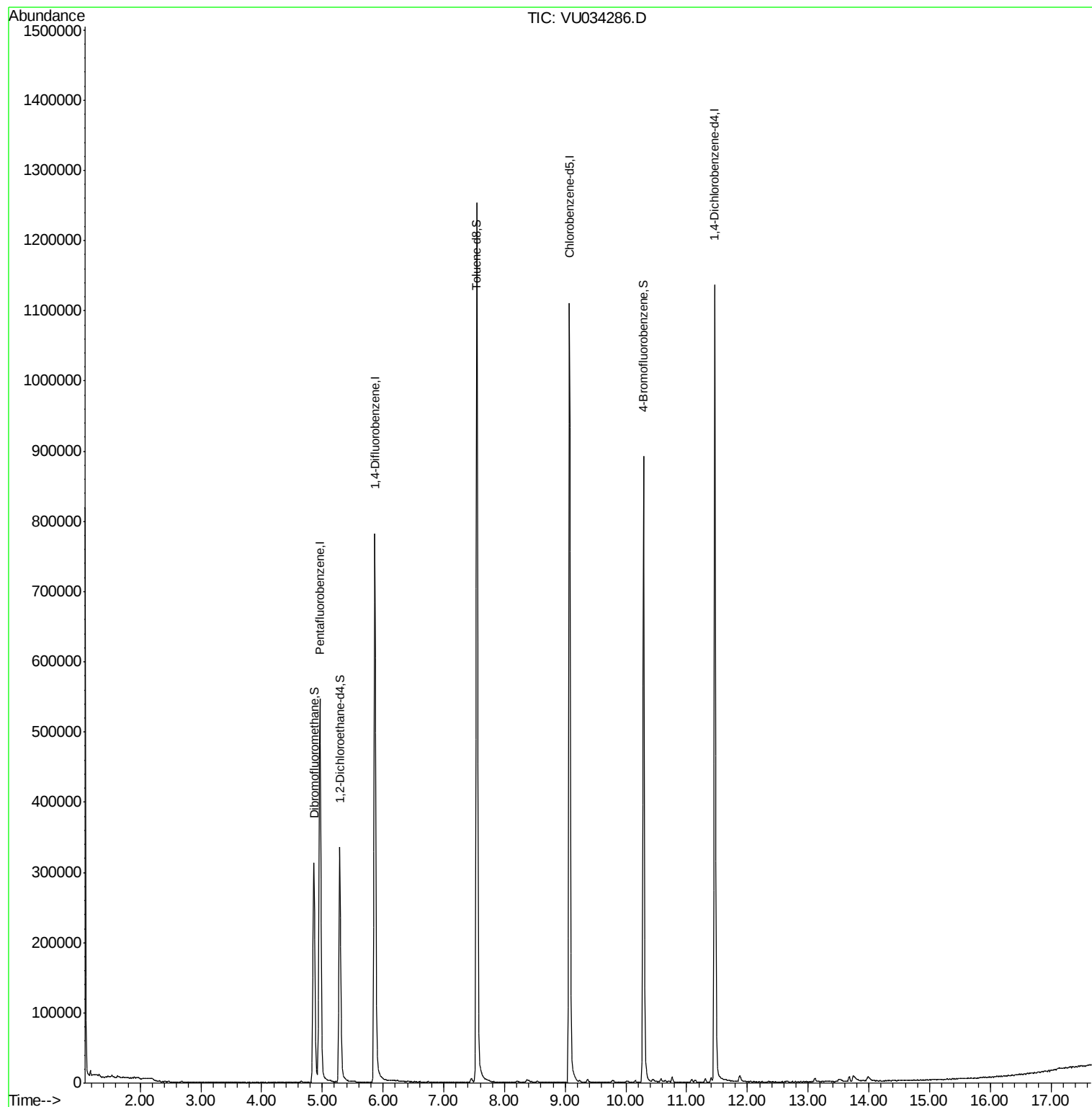
Target Compounds	Qvalue

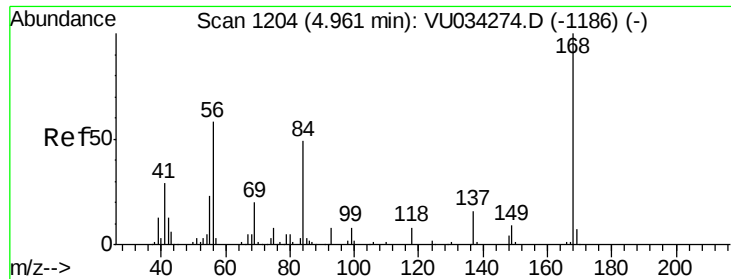
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034286.D

Acq: 05 Sep 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

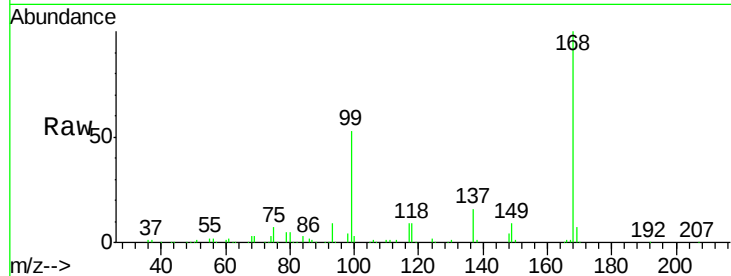
VU0906WBL02

Tot Ion:168 Resp: 450347

Ion Ratio Lower Upper

168 100

99 53.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034286.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034286.D (-1111) (-)

4.96

200000

150000

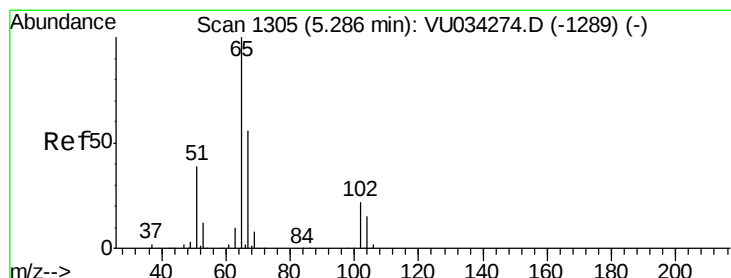
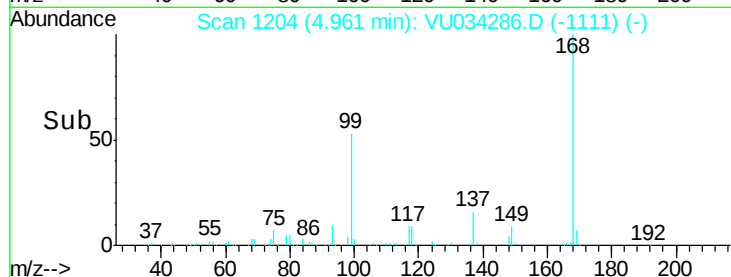
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 38.625 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034286.D

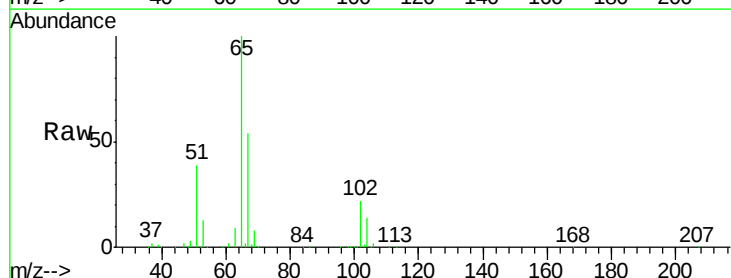
Acq: 05 Sep 2019 16:18

Tgt Ion: 65 Resp: 263185

Ion Ratio Lower Upper

65 100

67 54.9 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034286.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034286.D (-1212) (-)

5.29

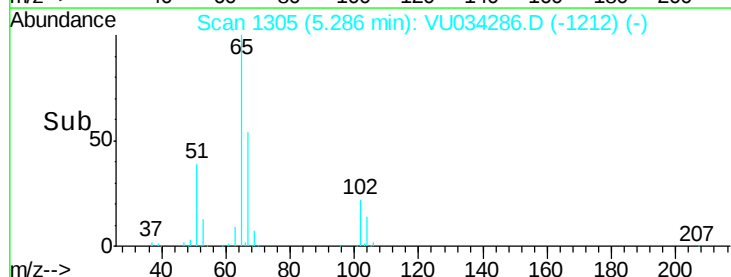
100000

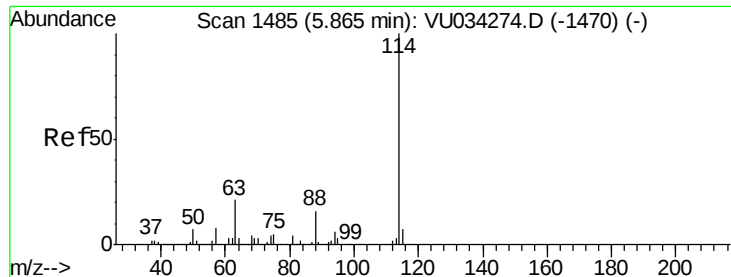
50000

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: VU034286.D

Acq: 05 Sep 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

VU0906WBL02

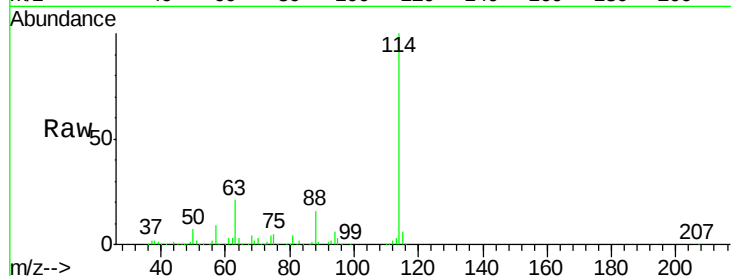
Tot Ion:114 Resp: 704530

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

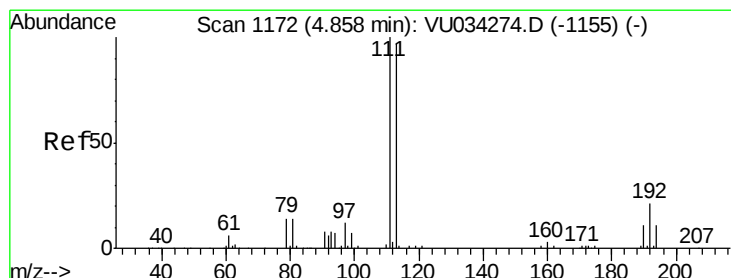
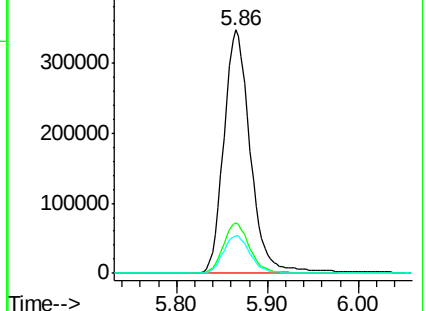
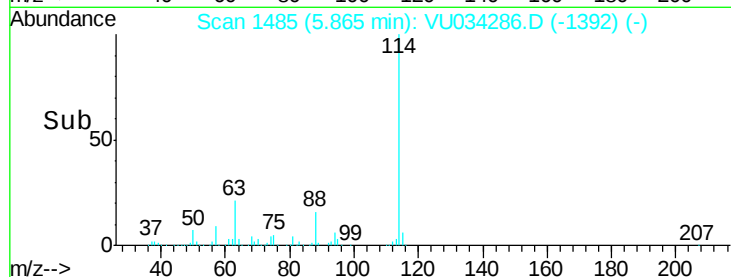
88 15.6 0.0 32.4



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: 35.241 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034286.D

Acq: 05 Sep 2019 16:18

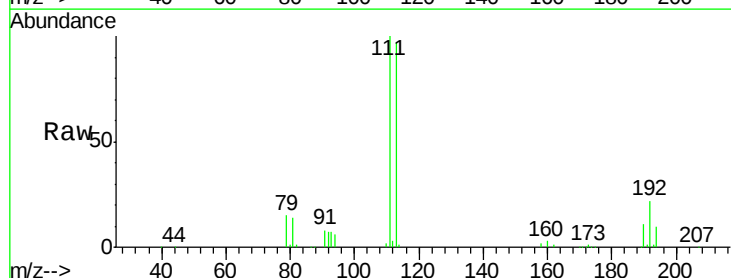
Tgt Ion:113 Resp: 231028

Ion Ratio Lower Upper

113 100

111 101.0 81.5 122.3

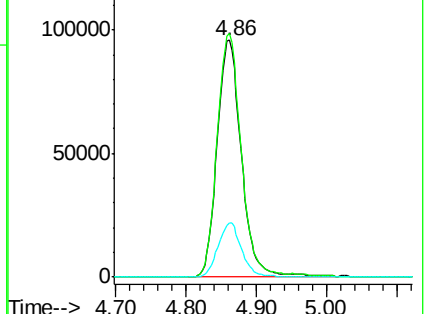
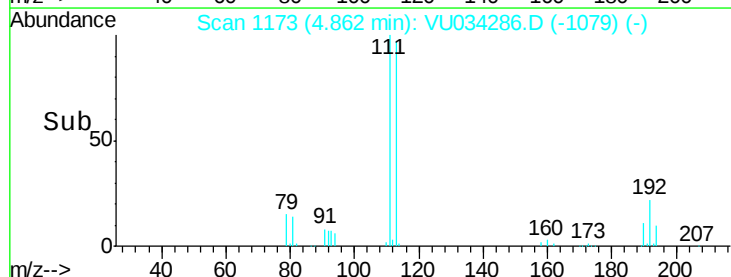
192 22.2 17.8 26.8

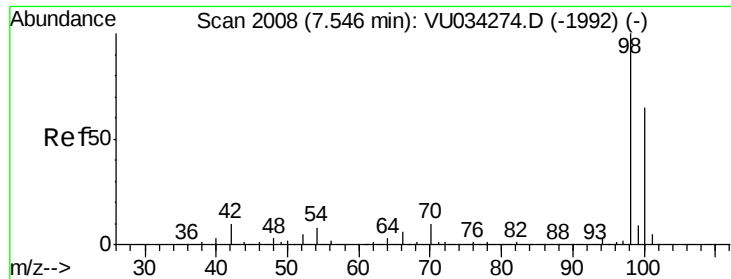


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 36.200 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034286.D

Acq: 05 Sep 2019 16:18

Instrument :

MSVOA_U

ClientSampleId :

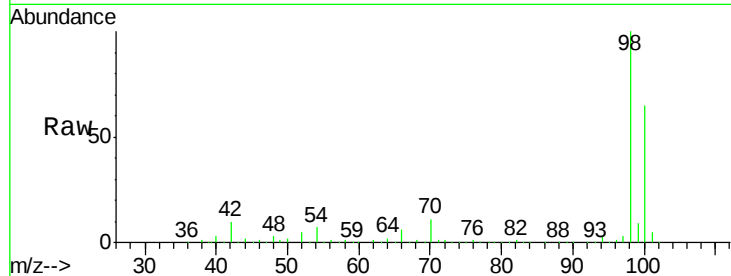
VU0906WBL02

Tot Ion: 98 Resp: 891590

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034274.D (-1992) (-)

Ion 100.00 (99.70 to 100.70): VU034274.D (-1992) (-)

7.55

500000

400000

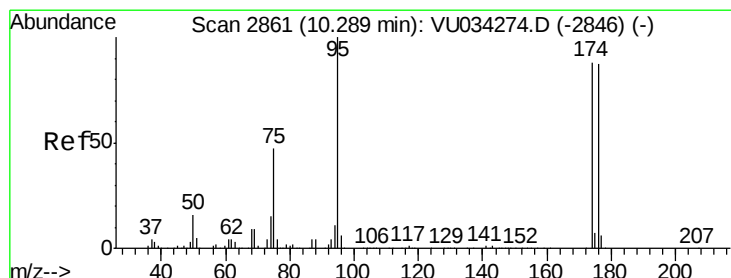
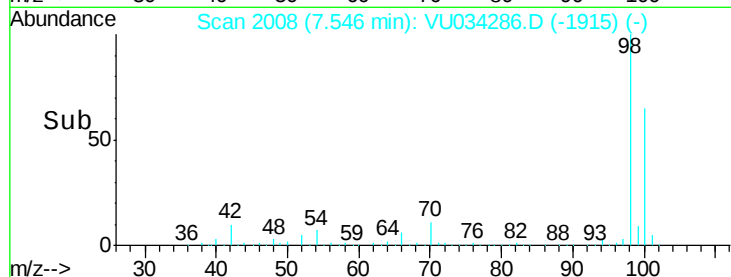
300000

200000

100000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 32.216 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034286.D

Acq: 05 Sep 2019 16:18

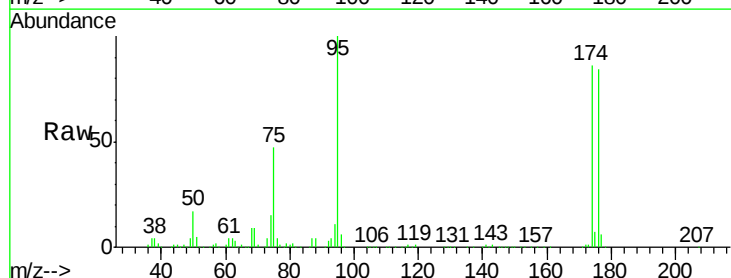
Tgt Ion: 95 Resp: 306358

Ion Ratio Lower Upper

95 100

174 87.4 0.0 175.2

176 83.9 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034274.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034274.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034274.D (-2846) (-)

10.29

250000

200000

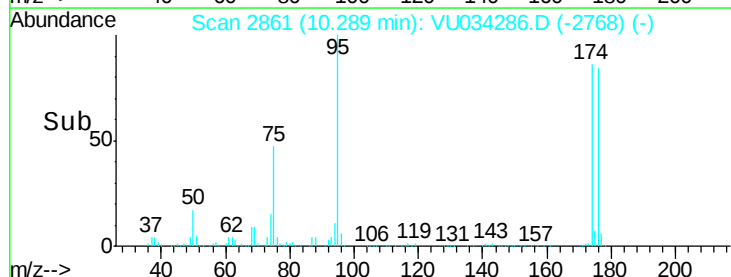
150000

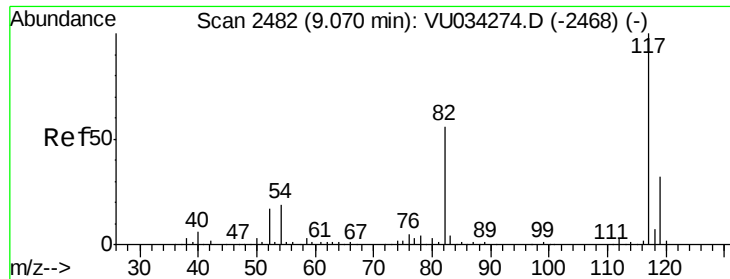
100000

50000

0

Time--> 10.20 10.30 10.40

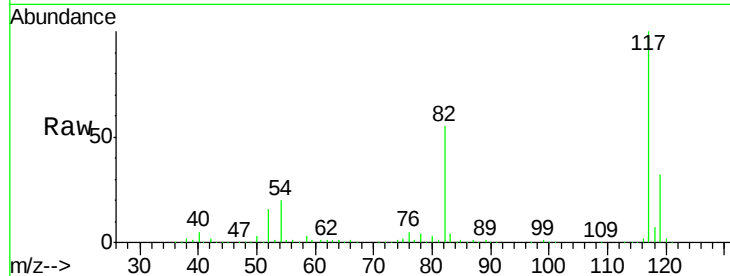




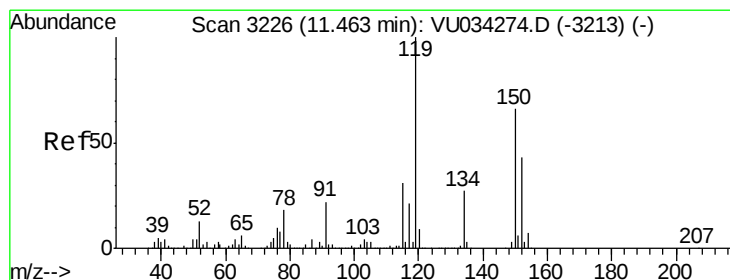
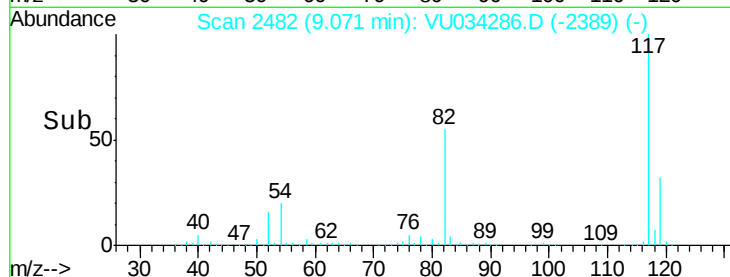
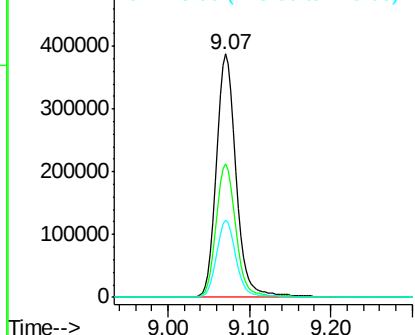
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034286.D
Acq: 05 Sep 2019 16:18

Instrument :
MSVOA_U
ClientSampleId :
VU0906WBL02

Tot Ion:117 Resp: 670942
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 31.6 25.9 38.9

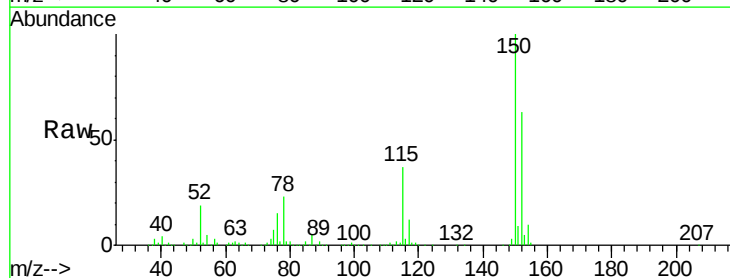


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034286.D
Acq: 05 Sep 2019 16:18

Tgt Ion:152 Resp: 324844
Ion Ratio Lower Upper
152 100
115 56.8 39.1 117.3
150 157.9 0.0 345.4



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

