

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034078.D
 Acq On : 29 Aug 2019 21:29
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0831

Quant Time: Aug 30 05:33:22 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	461351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	743878	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	712004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	355508	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	293254	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	4.86	113	242750	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
50) Toluene-d8	7.55	98	942239	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	10.29	95	330079	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	

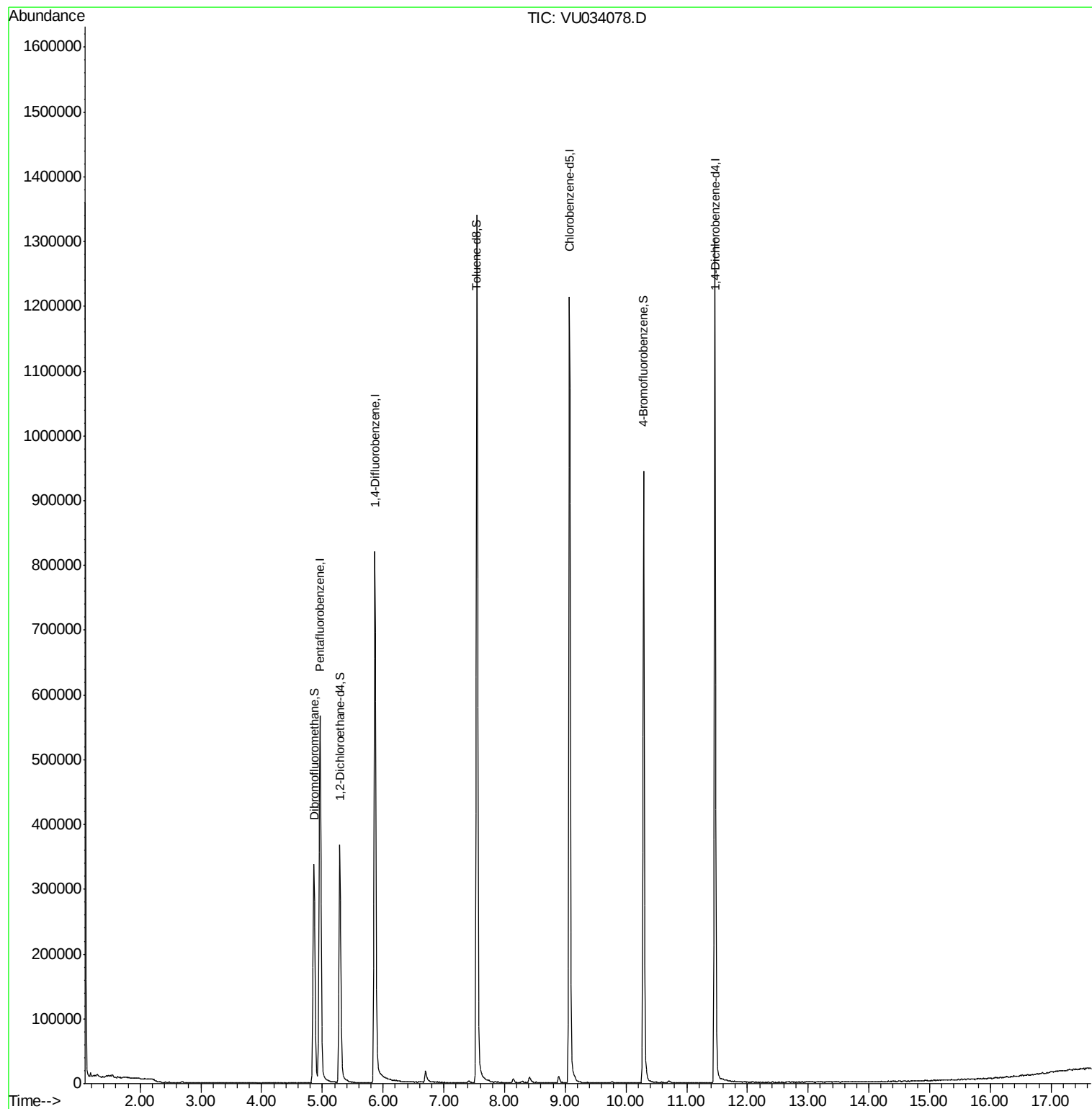
Target Compounds	Qvalue

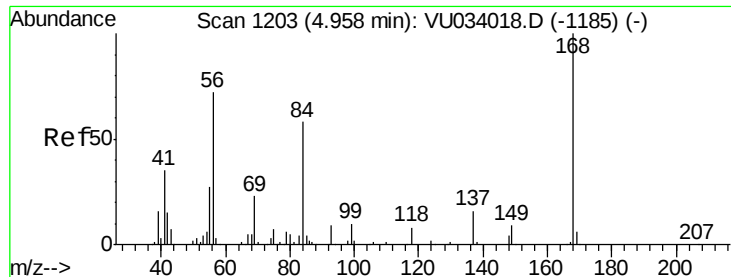
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034078.D

Acq: 29 Aug 2019 21:29

Instrument :

MSVOA_U

ClientSampleId :

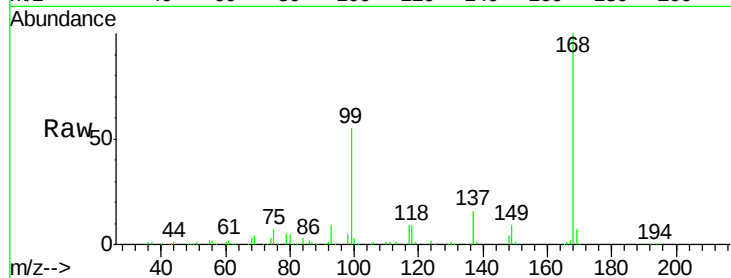
VU0831

Tot Ion:168 Resp: 461351

Ion Ratio Lower Upper

168 100

99 54.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034078.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034078.D (-1185) (-)

4.96

200000

150000

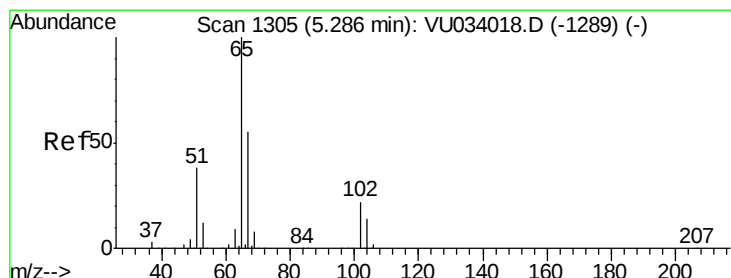
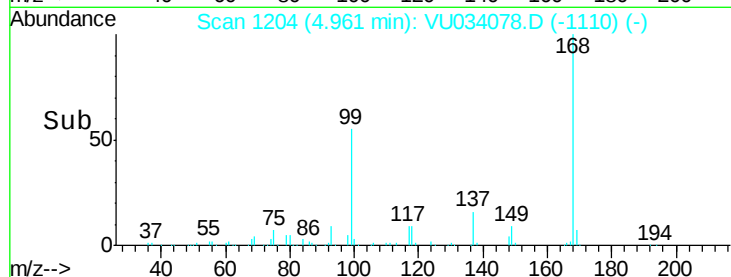
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.608 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034078.D

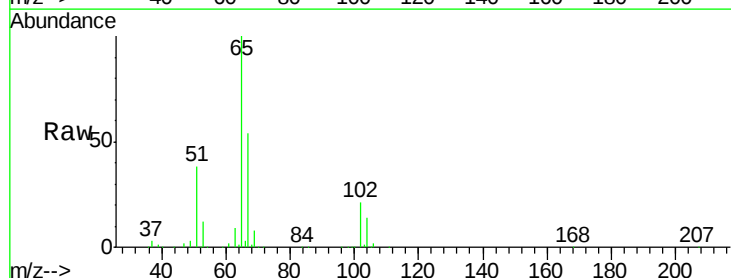
Acq: 29 Aug 2019 21:29

Tgt Ion: 65 Resp: 293254

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034078.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034078.D (-1289) (-)

5.29

150000

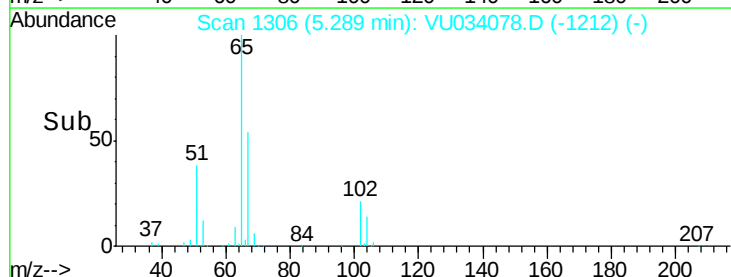
100000

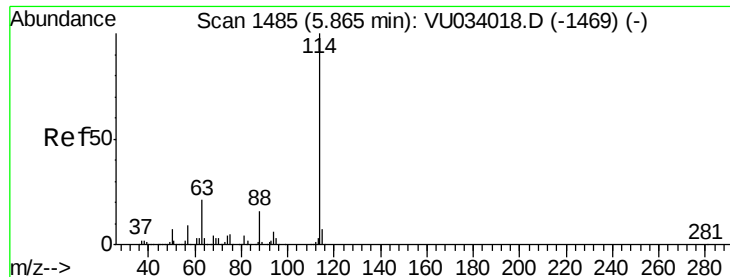
50000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034078.D

Acq: 29 Aug 2019 21:29

Instrument :

MSVOA_U

ClientSampleId :

VU0831

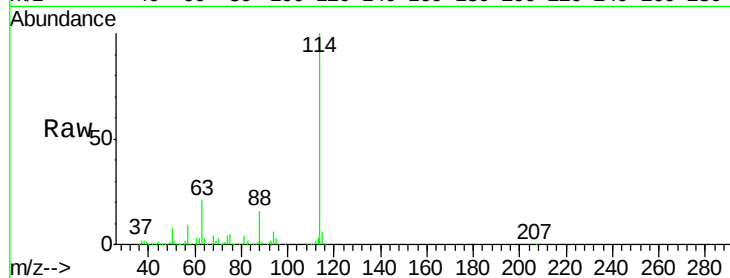
Tot Ion:114 Resp: 743878

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.0

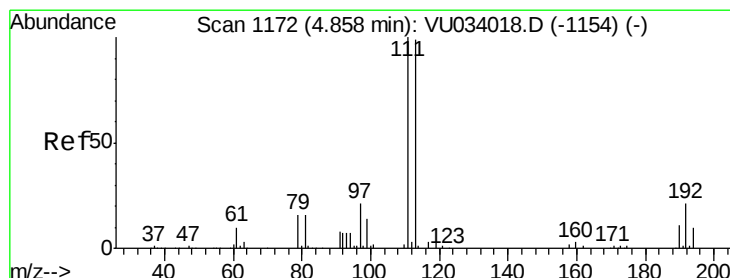
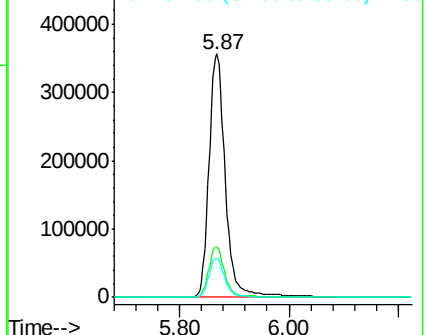
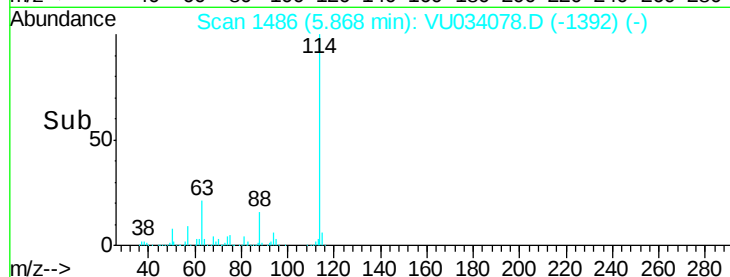
88 16.1 0.0 32.0



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: 47.049 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034078.D

Acq: 29 Aug 2019 21:29

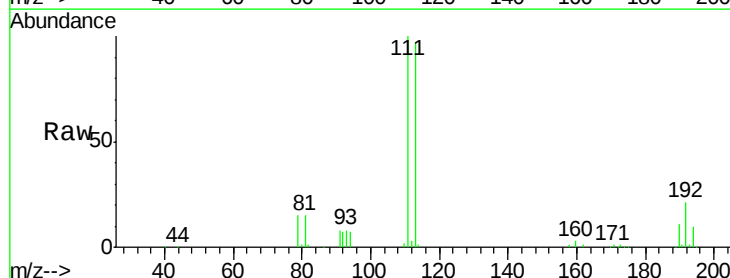
Tgt Ion:113 Resp: 242750

Ion Ratio Lower Upper

113 100

111 102.3 81.7 122.5

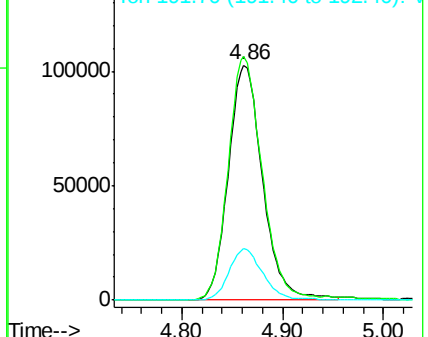
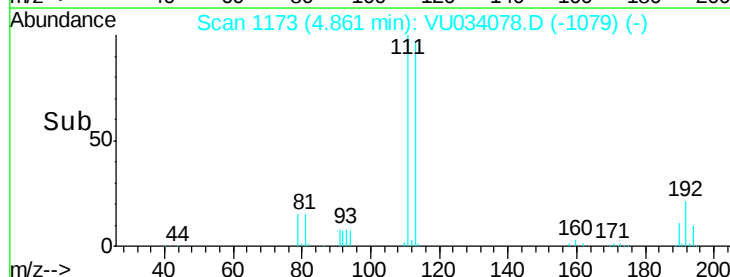
192 21.5 17.1 25.7

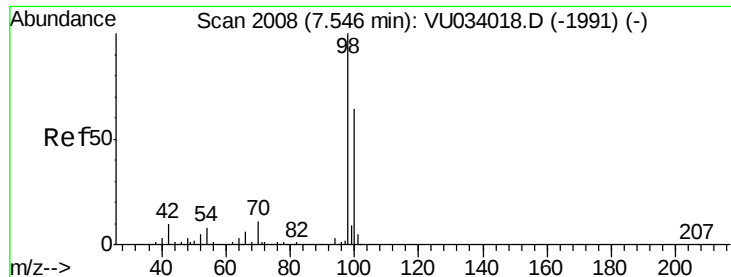


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.773 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034078.D

Acq: 29 Aug 2019 21:29

Instrument :

MSVOA_U

ClientSampleId :

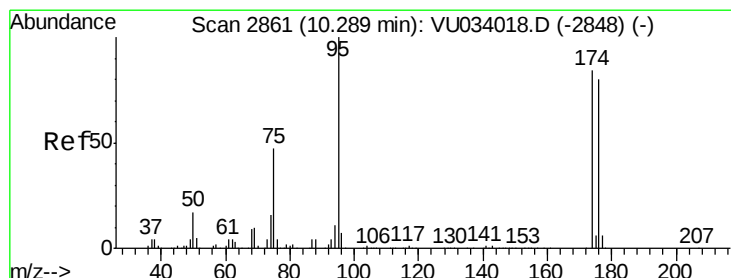
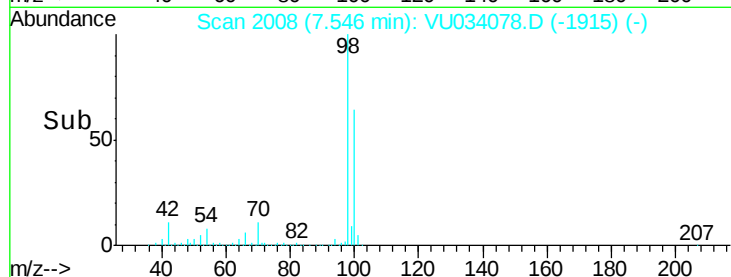
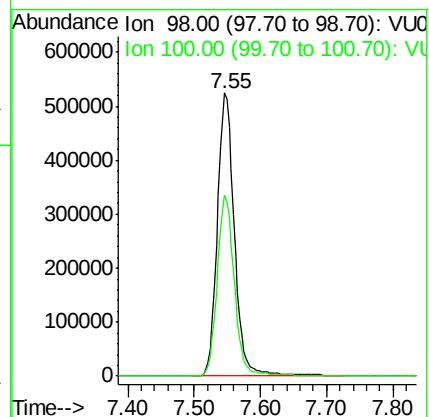
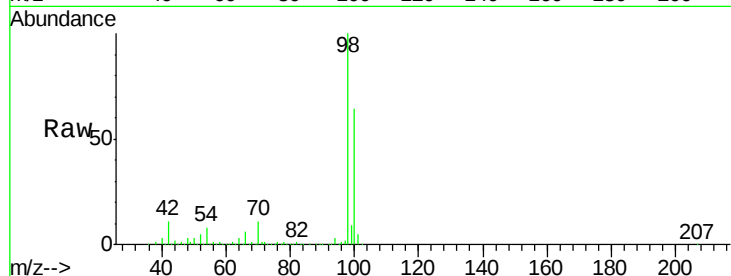
VU0831

Tot Ion: 98 Resp: 942239

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 43.923 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034078.D

Acq: 29 Aug 2019 21:29

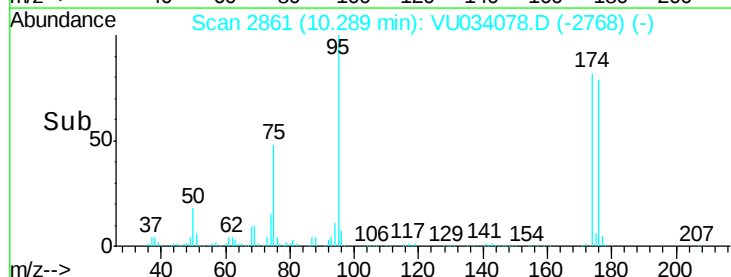
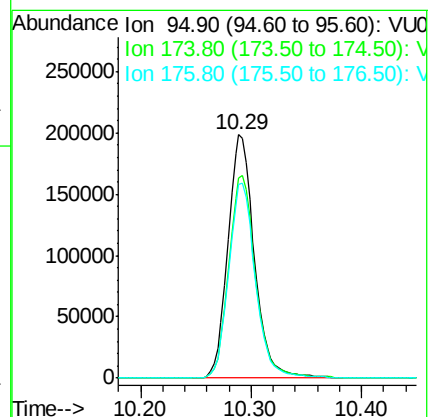
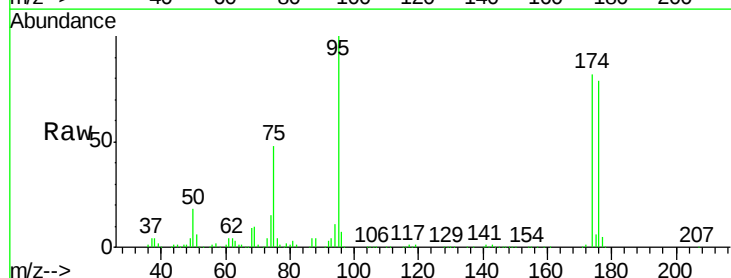
Tgt Ion: 95 Resp: 330079

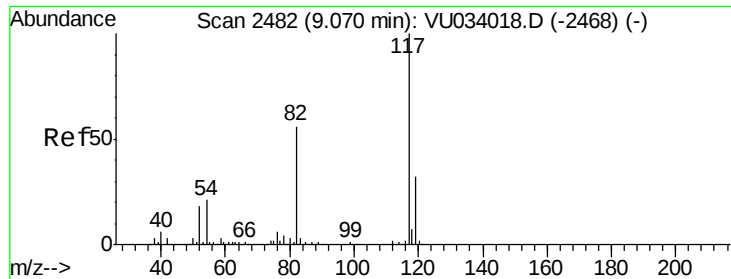
Ion Ratio Lower Upper

95 100

174 84.9 0.0 168.8

176 81.1 0.0 161.8

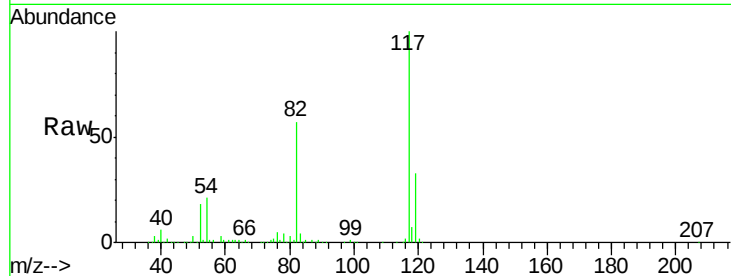




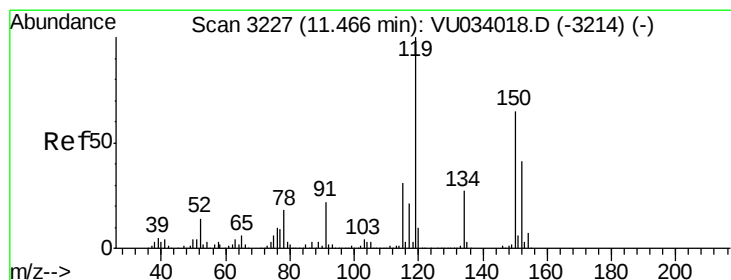
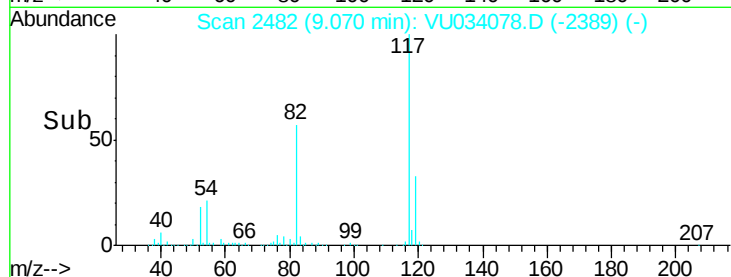
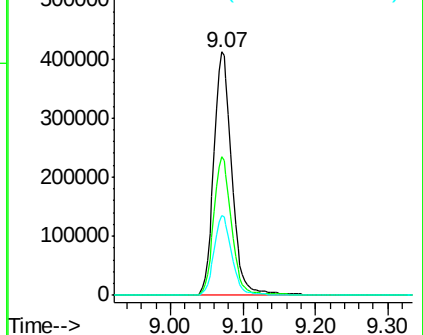
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034078.D
Acq: 29 Aug 2019 21:29

Instrument :
MSVOA_U
ClientSampleId :
VU0831

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.1	67.7
119	32.5	25.4	38.0

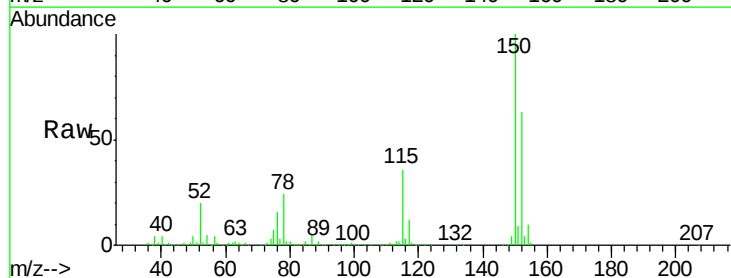


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VU034078.D
Acq: 29 Aug 2019 21:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	41.1	123.3
150	158.9	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

