

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034279.D
 Acq On : 05 Sep 2019 13:02
 Operator : JC/SP
 Sample : K4698-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-090419

Quant Time: Sep 06 15:25:53 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	430662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	681430	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	652930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	328925	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	251074	38.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.06%	
35) Dibromofluoromethane	4.86	113	218907	34.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.04%	
50) Toluene-d8	7.55	98	852130	35.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.54%	
62) 4-Bromofluorobenzene	10.29	95	301037	32.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.46%	

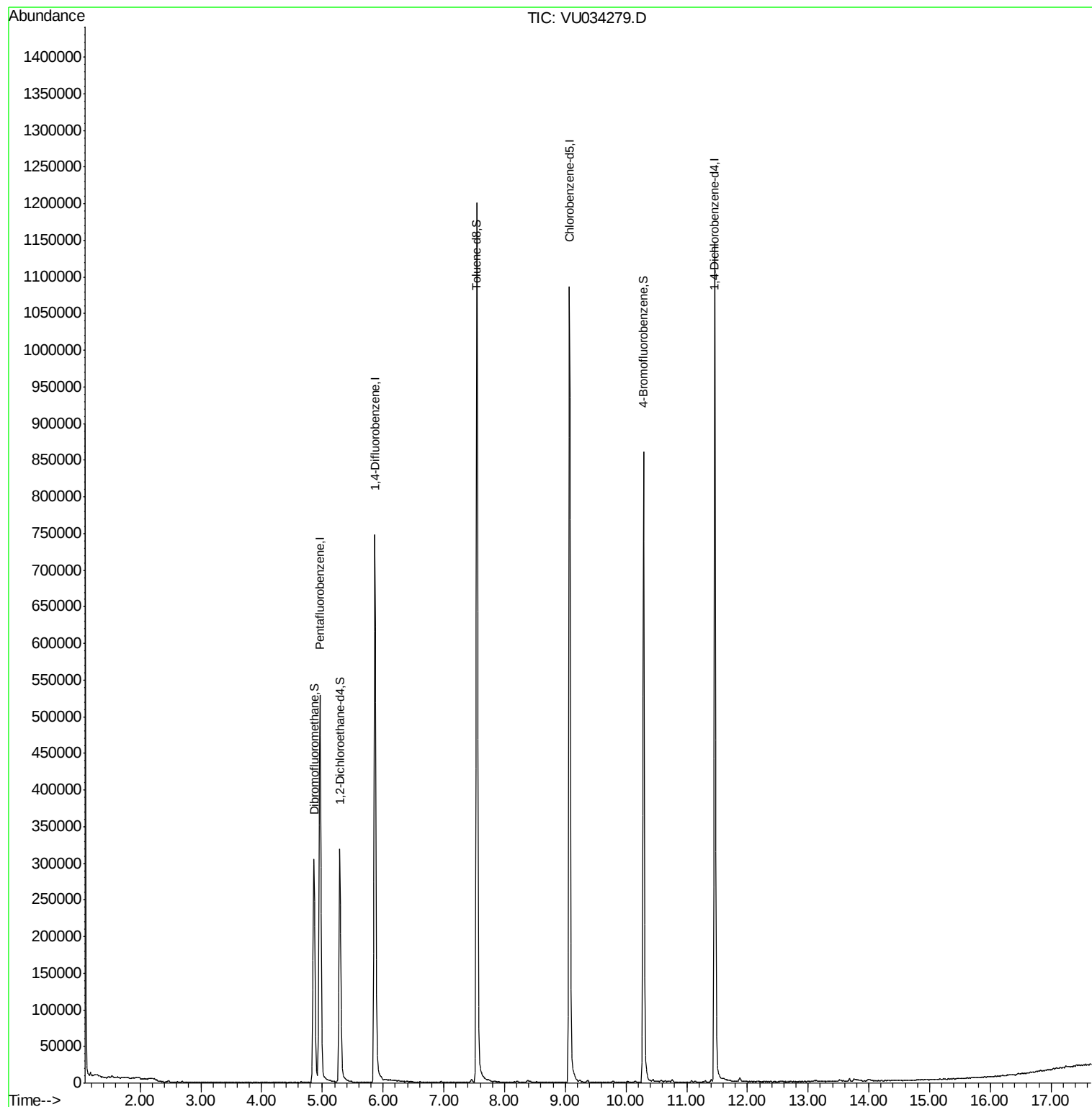
Target Compounds	Qvalue

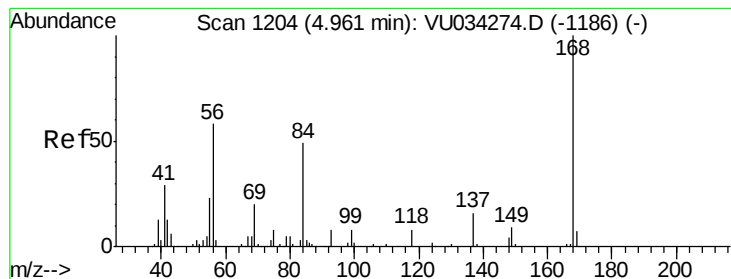
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034279.D

Acq: 05 Sep 2019 13:02

Instrument :

MSVOA_U

ClientSampleId :

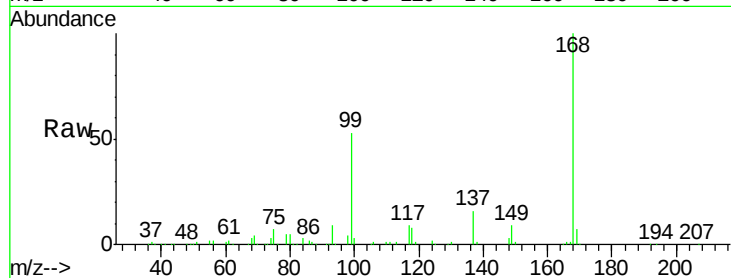
TB-01-090419

Tot Ion:168 Resp: 430662

Ion Ratio Lower Upper

168 100

99 52.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034279.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034279.D (-1186) (-)

4.96

200000

150000

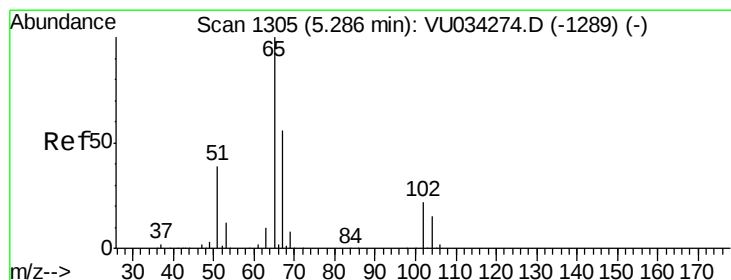
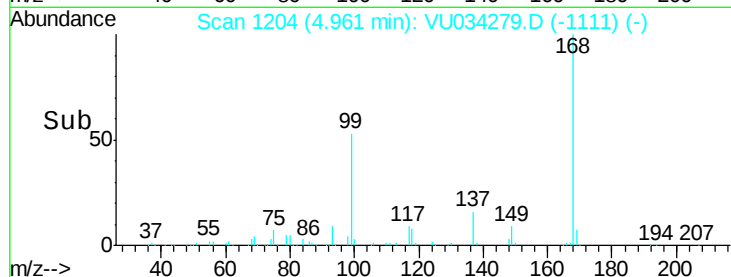
100000

50000

0

Time-->

4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 38.532 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034279.D

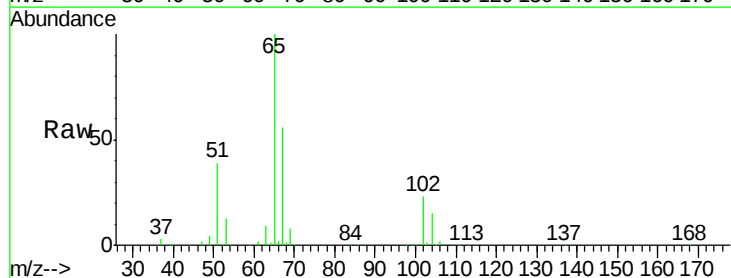
Acq: 05 Sep 2019 13:02

Tgt Ion: 65 Resp: 251074

Ion Ratio Lower Upper

65 100

67 55.6 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034279.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034279.D (-1212) (-)

5.29

120000

100000

80000

60000

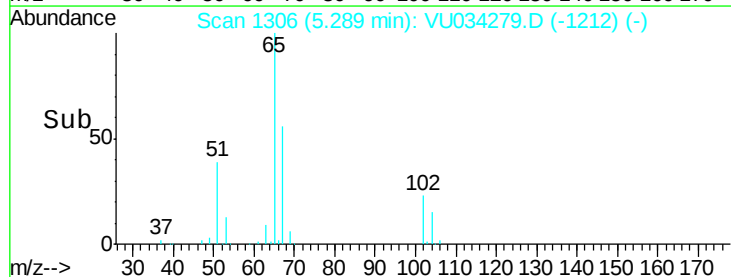
40000

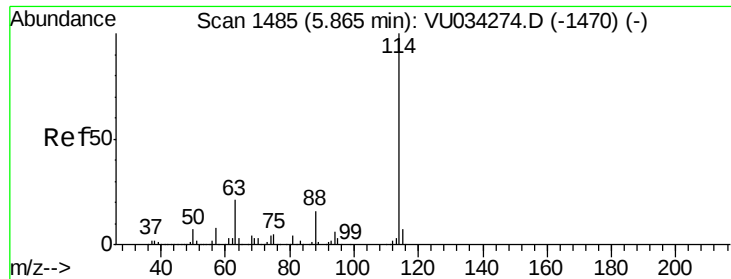
20000

0

Time-->

5.20 5.30 5.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034279.D

Acq: 05 Sep 2019 13:02

Instrument :

MSVOA_U

ClientSampleId :

TB-01-090419

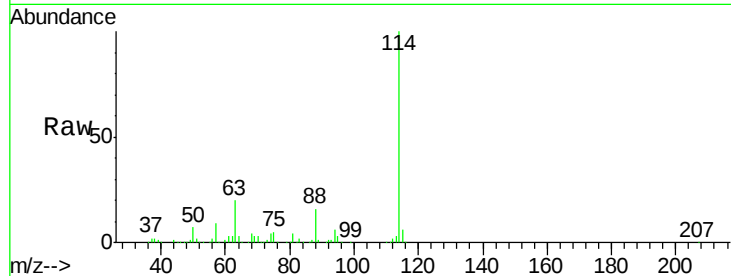
Tot Ion:114 Resp: 681430

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

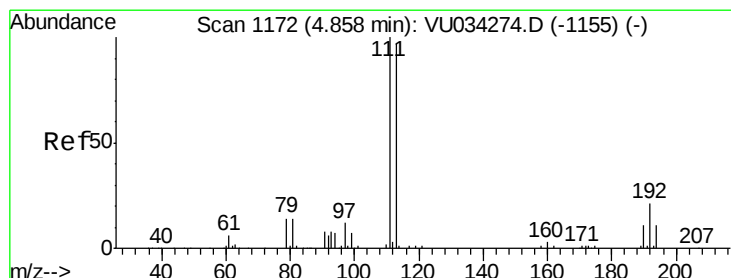
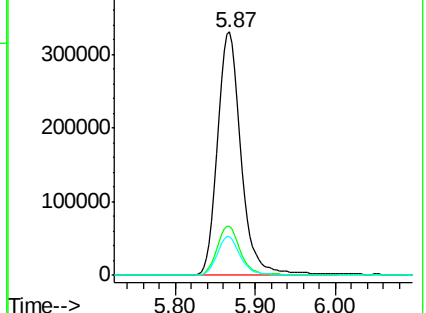
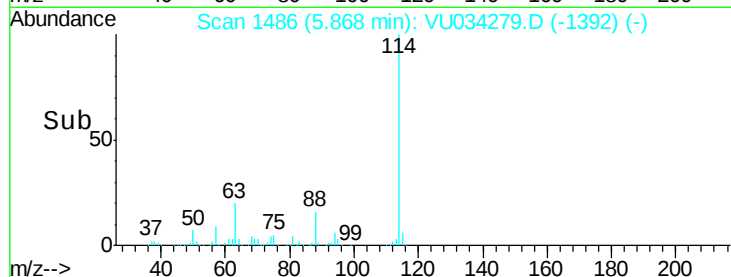
88 15.8 0.0 32.4



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: 34.524 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034279.D

Acq: 05 Sep 2019 13:02

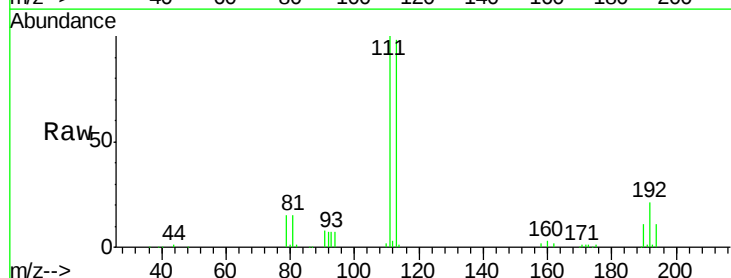
Tgt Ion:113 Resp: 218907

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

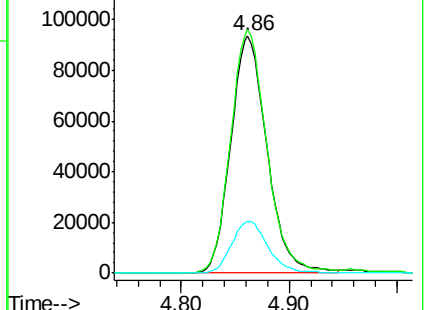
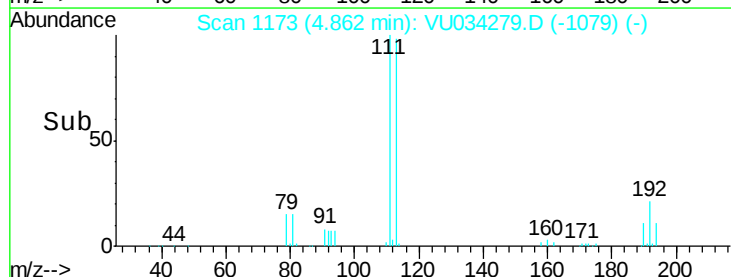
192 22.0 17.8 26.8

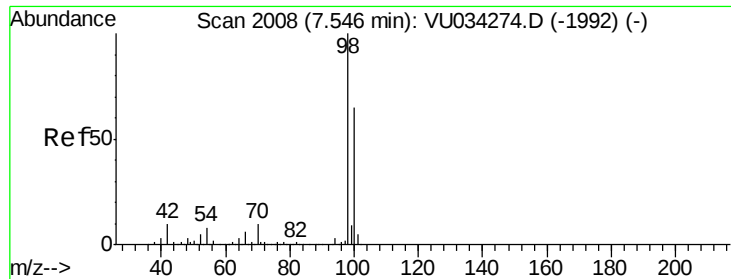


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

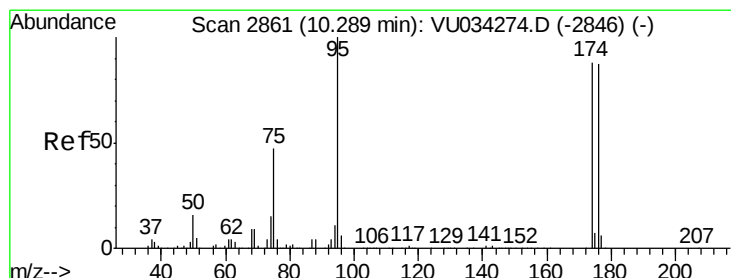
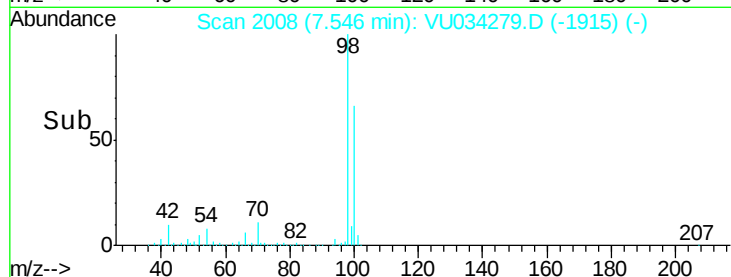
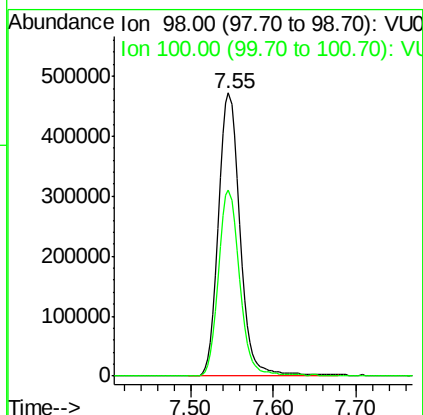
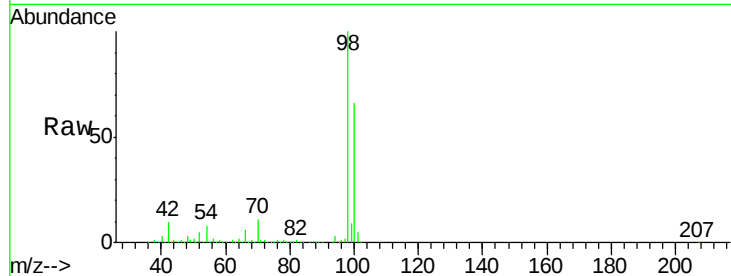




#50
Toluene-d8
Concen: 35.770 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034279.D
Acq: 05 Sep 2019 13:02

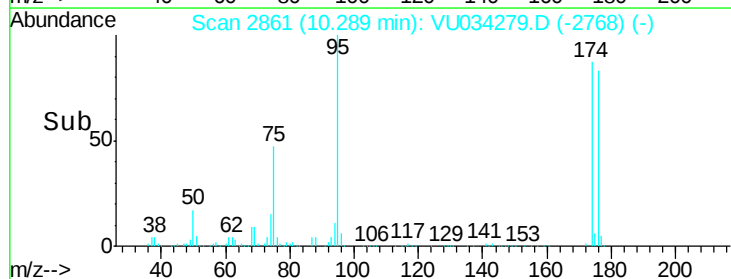
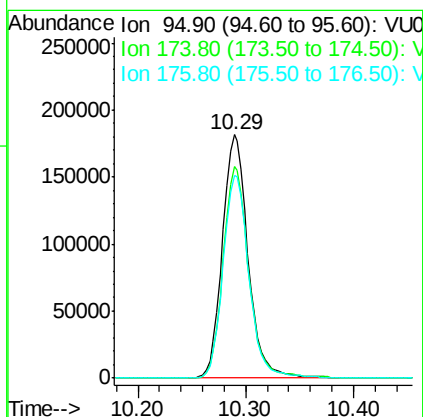
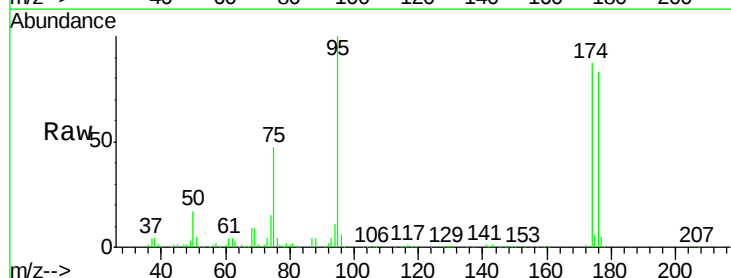
Instrument :
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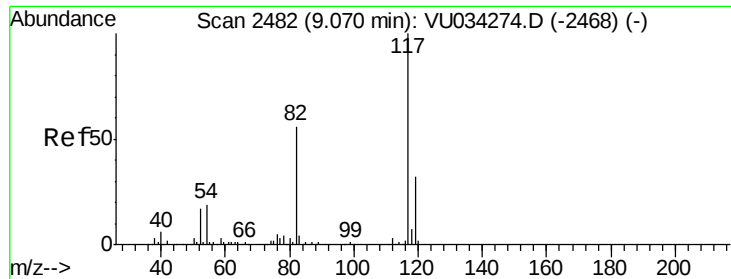
Tot Ion: 98 Resp: 852130
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 32.730 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034279.D
Acq: 05 Sep 2019 13:02

Tgt Ion: 95 Resp: 301037
Ion Ratio Lower Upper
95 100
174 87.3 0.0 175.2
176 84.3 0.0 168.0

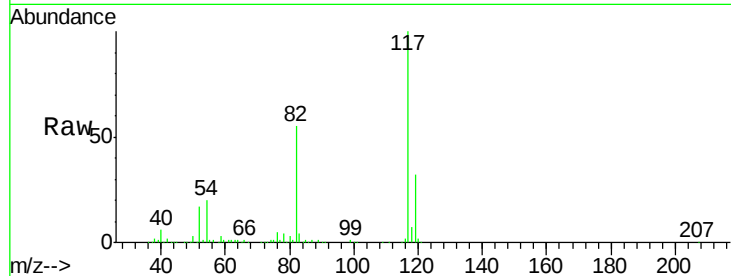




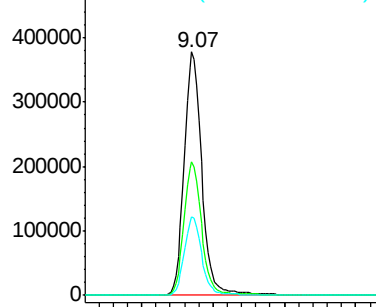
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034279.D
Acq: 05 Sep 2019 13:02

Instrument :
MSVOA_U
ClientSampleId :
TB-01-090419

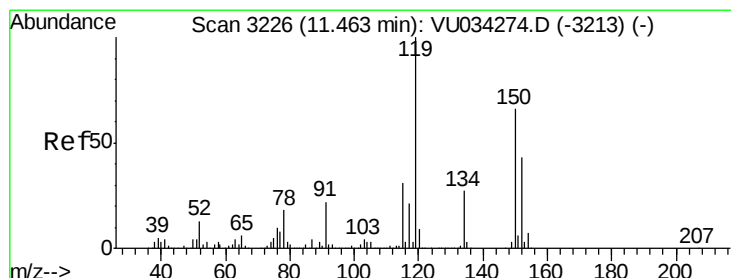
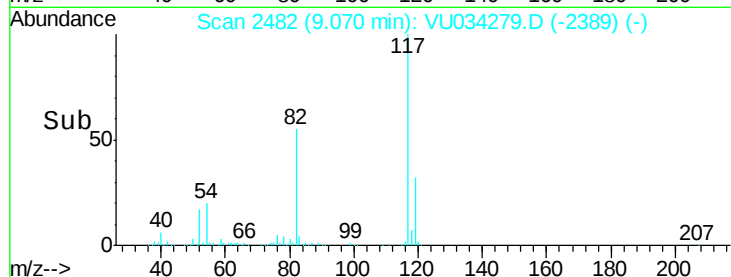
Tot Ion:117 Resp: 652930
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 32.5 25.9 38.9



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

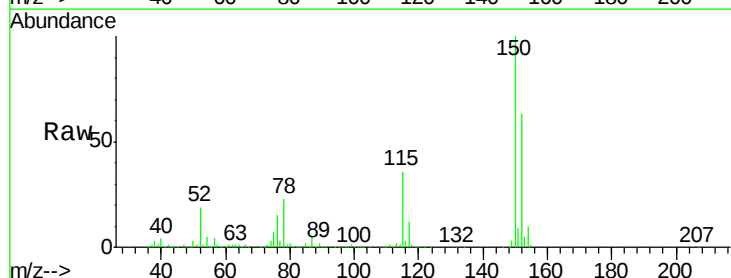


Time-->

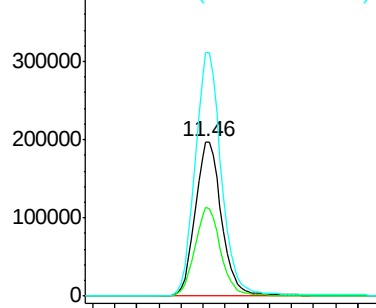


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034279.D
Acq: 05 Sep 2019 13:02

Tgt Ion:152 Resp: 328925
Ion Ratio Lower Upper
152 100
115 56.4 39.1 117.3
150 157.5 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



Time-->

