

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034321.D
 Acq On : 06 Sep 2019 11:32
 Operator : JC/SP
 Sample : K4722-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-02-090519

Quant Time: Sep 09 11:31:10 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	284332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	425614	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	421438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	246021	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	232090	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
35) Dibromofluoromethane	4.86	113	200426	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	7.55	98	747307	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	10.29	95	255377	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	

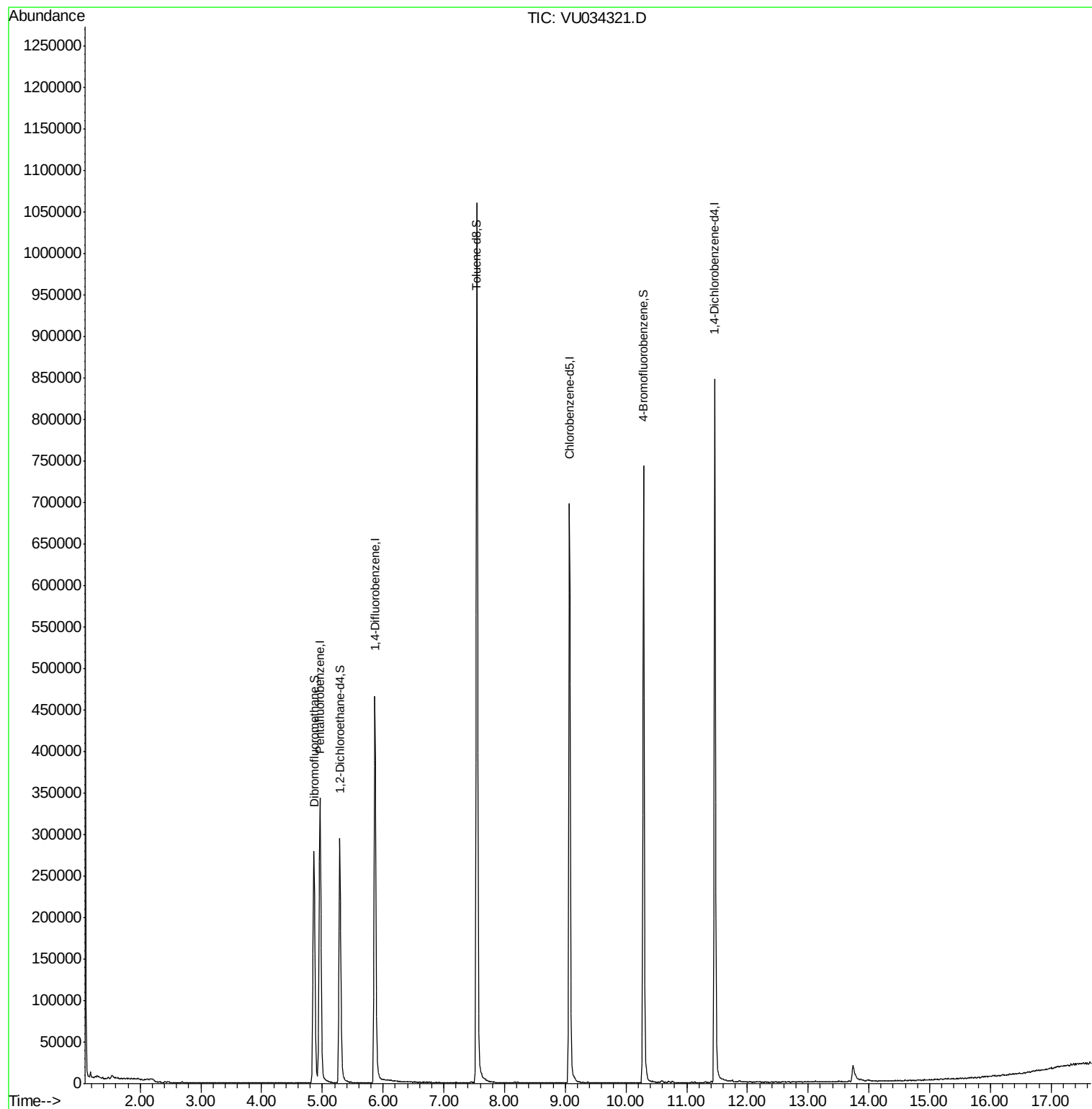
Target Compounds	Qvalue
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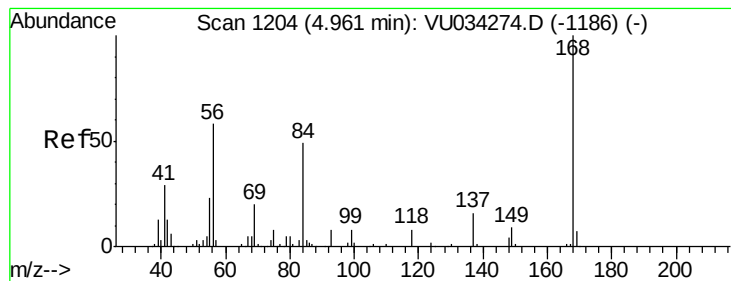
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034321.D

Acq: 06 Sep 2019 11:32

Instrument :

MSVOA_U

ClientSampleId :

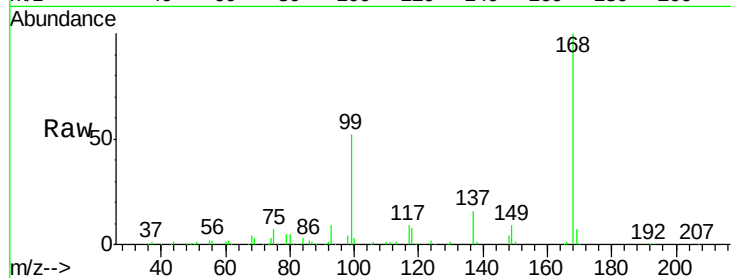
TB-02-090519

Tot Ion:168 Resp: 284332

Ion Ratio Lower Upper

168 100

99 51.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034321.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034321.D (-1186) (-)

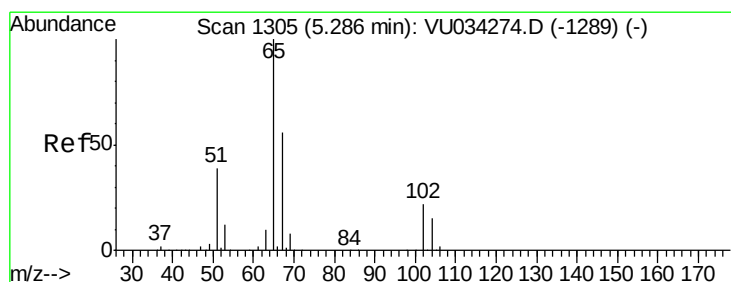
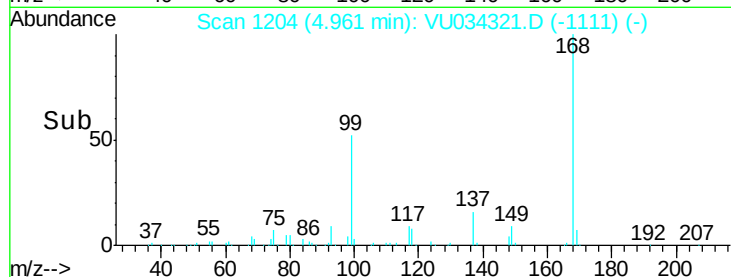
4.96

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.949 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034321.D

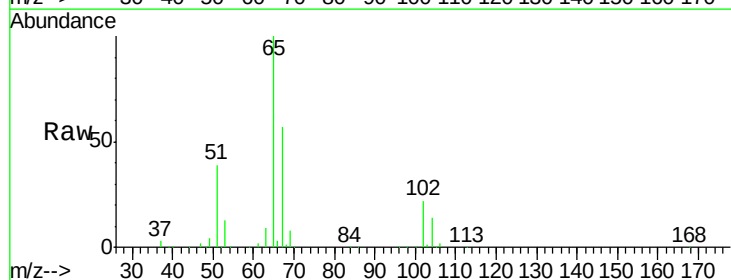
Acq: 06 Sep 2019 11:32

Tgt Ion: 65 Resp: 232090

Ion Ratio Lower Upper

65 100

67 55.7 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034321.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034321.D (-1212) (-)

5.29

120000

100000

80000

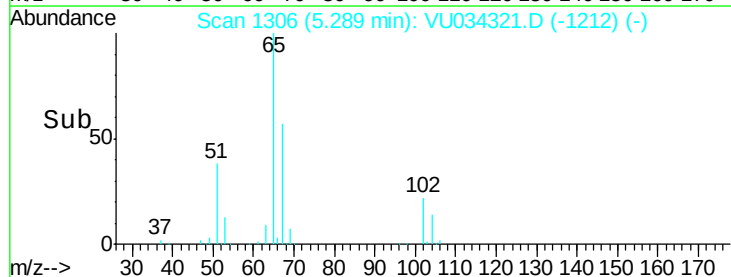
60000

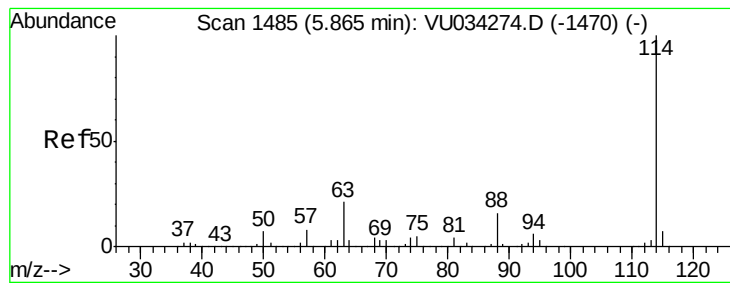
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034321.D

Acq: 06 Sep 2019 11:32

Instrument :

MSVOA_U

ClientSampleId :

TB-02-090519

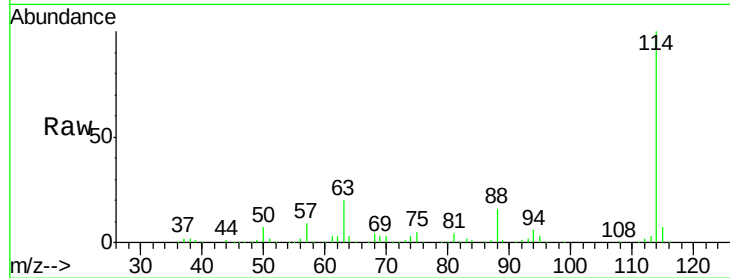
Tot Ion:114 Resp: 425614

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

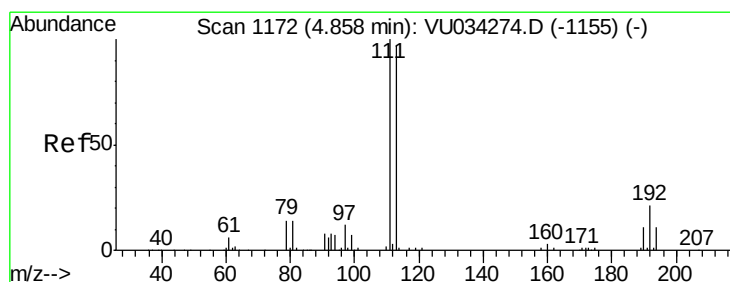
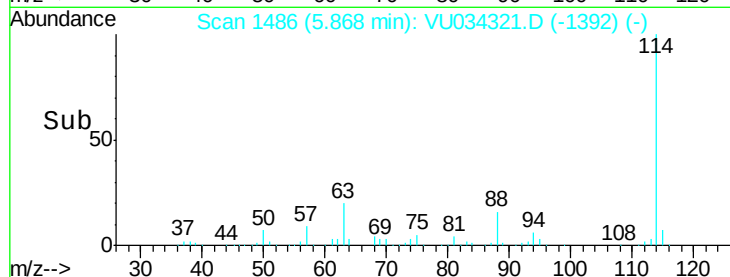
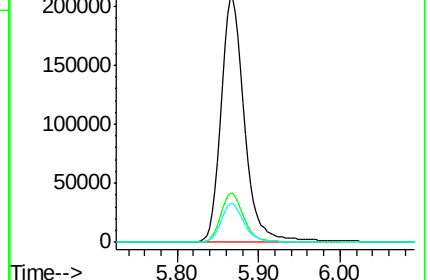
88 15.8 0.0 32.4



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: 50.608 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034321.D

Acq: 06 Sep 2019 11:32

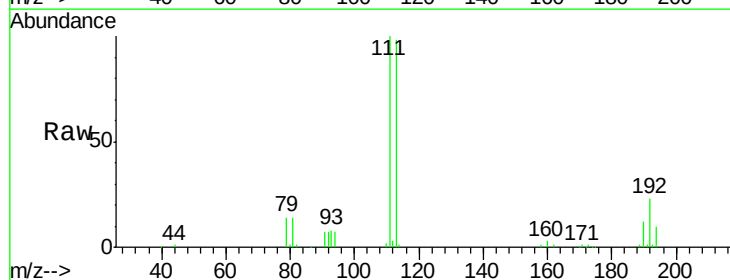
Tgt Ion:113 Resp: 200426

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

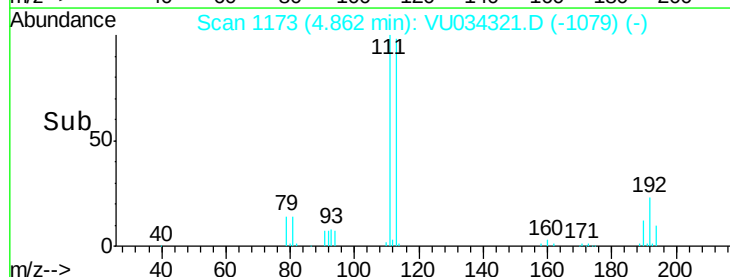
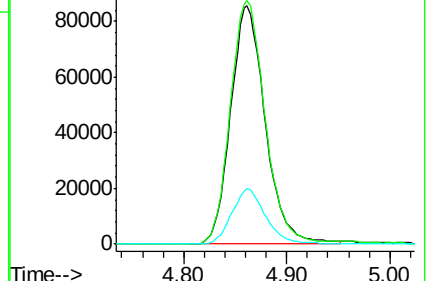
192 22.9 17.8 26.8

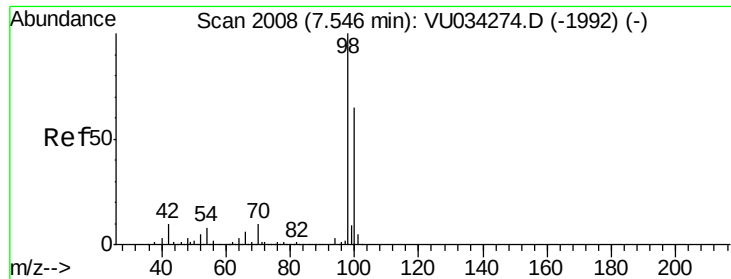


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

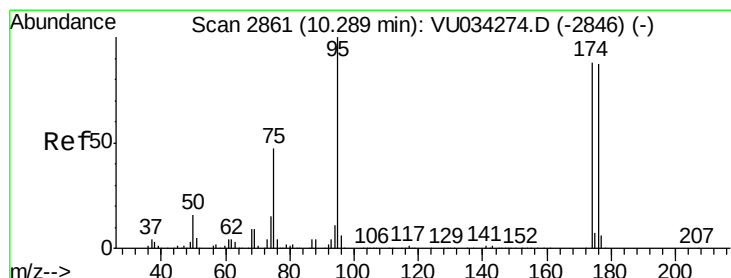
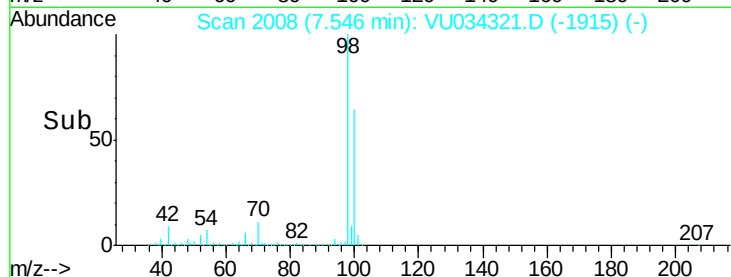
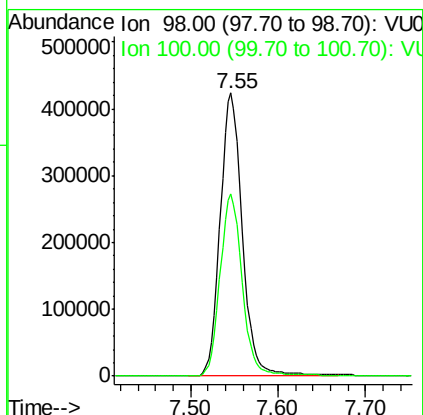
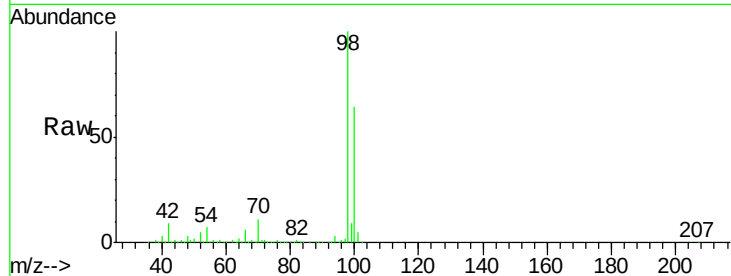




#50
Toluene-d8
Concen: 50.225 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034321.D
Acq: 06 Sep 2019 11:32

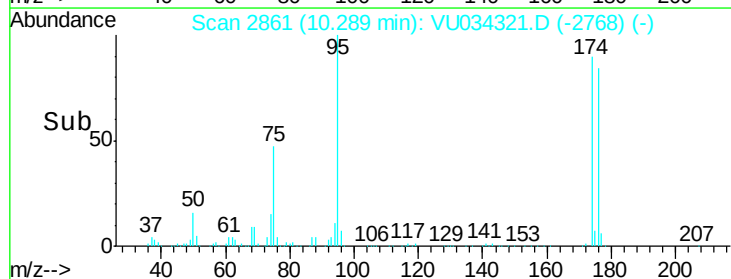
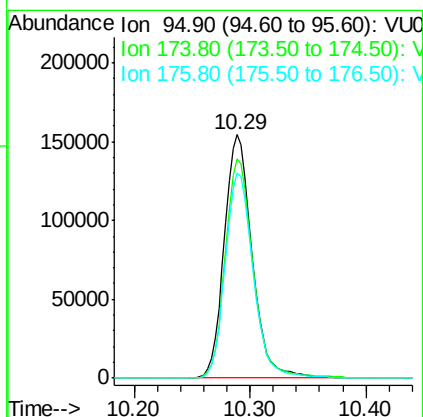
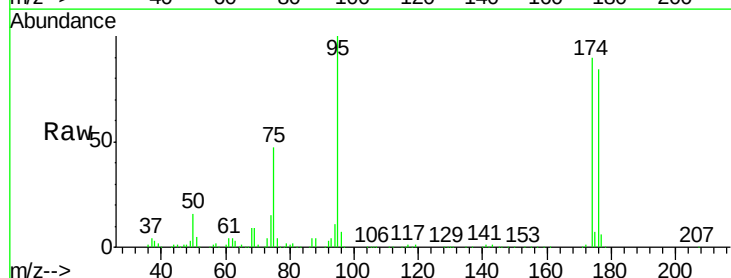
Instrument :
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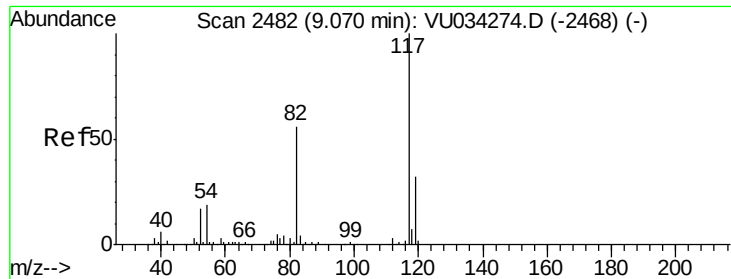
Tot Ion: 98 Resp: 747307
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.454 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034321.D
Acq: 06 Sep 2019 11:32

Tgt Ion: 95 Resp: 255377
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.2
176 85.3 0.0 168.0

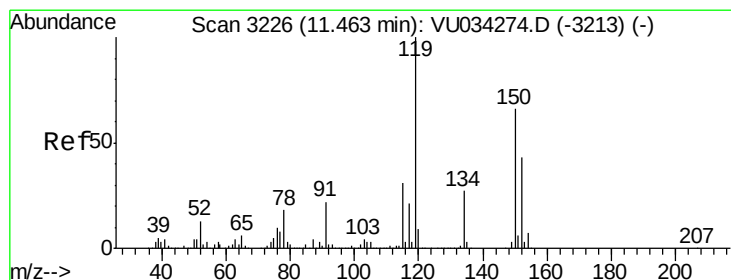
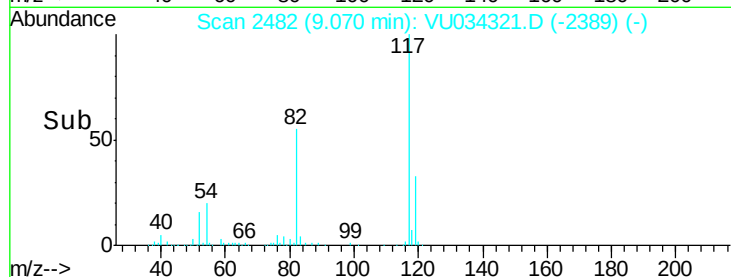
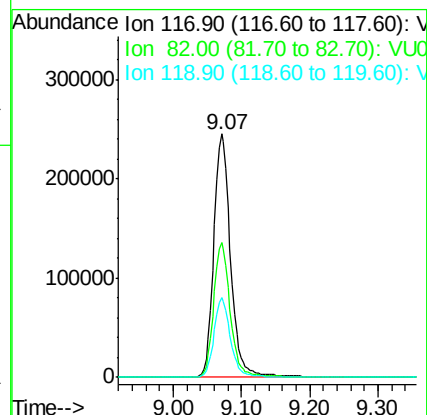
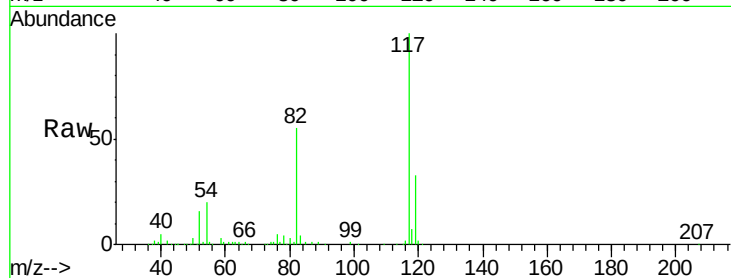




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034321.D
Acq: 06 Sep 2019 11:32

Instrument :
MSVOA_U
ClientSampleId :
TB-02-090519

Tot Ion:117 Resp: 421438
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034321.D
Acq: 06 Sep 2019 11:32

Tgt Ion:152 Resp: 246021
Ion Ratio Lower Upper
152 100
115 56.4 39.1 117.3
150 155.7 0.0 345.4

