

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034318.D
 Acq On : 06 Sep 2019 10:08
 Operator : JC/SP
 Sample : K4689-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB

Quant Time: Sep 06 13:00:31 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	289700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	436954	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	433246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	250547	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	236475	53.95	ug/l	0.00
Spiked Amount						
			Recovery	=	107.90%	
35) Dibromofluoromethane	4.86	113	205190	50.47	ug/l	0.00
Spiked Amount						
			Recovery	=	100.94%	
50) Toluene-d8	7.55	98	755220	49.44	ug/l	0.00
Spiked Amount						
			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	10.29	95	264032	44.77	ug/l	0.00
Spiked Amount						
			Recovery	=	89.54%	

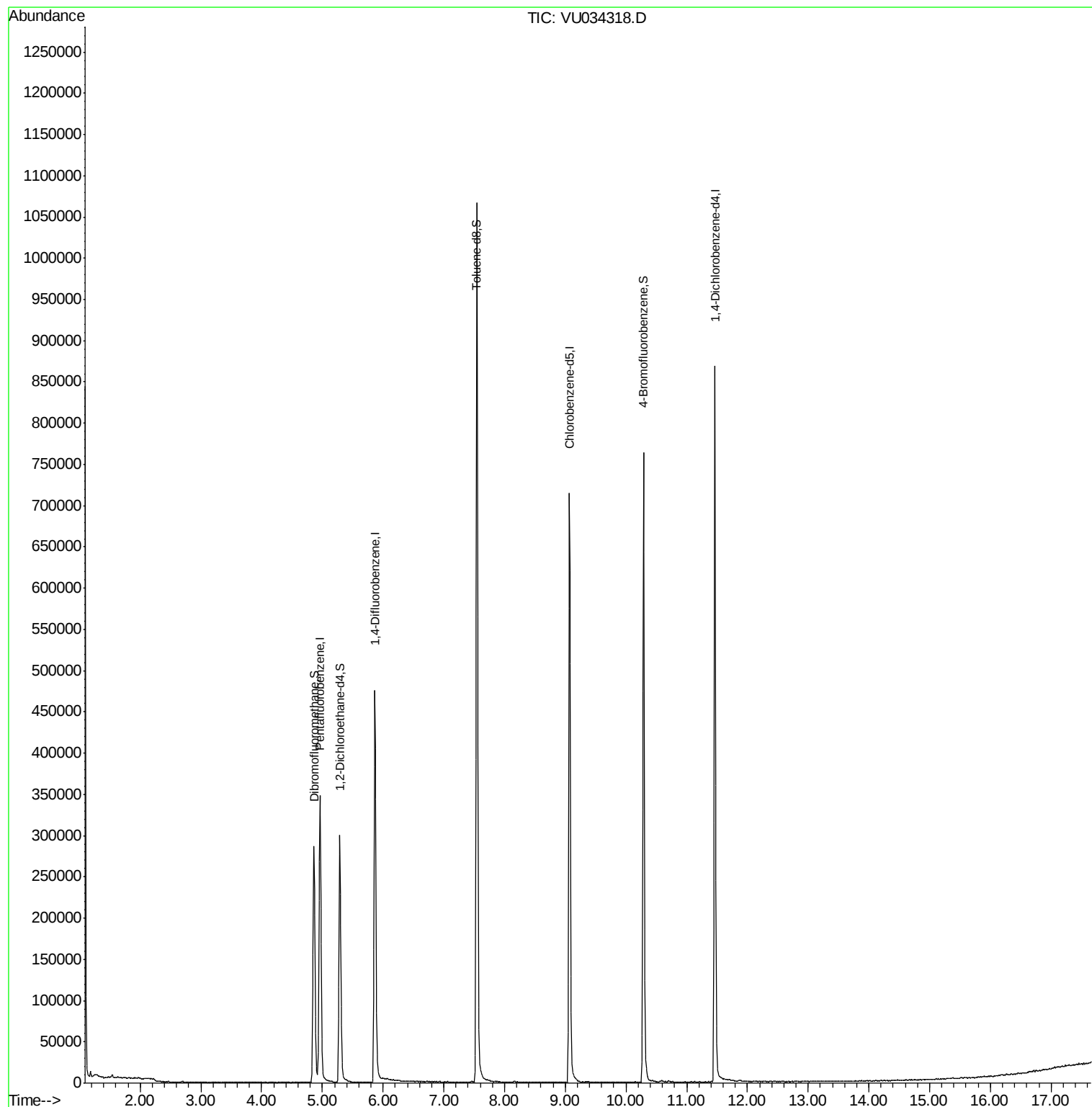
Target Compounds	Qvalue
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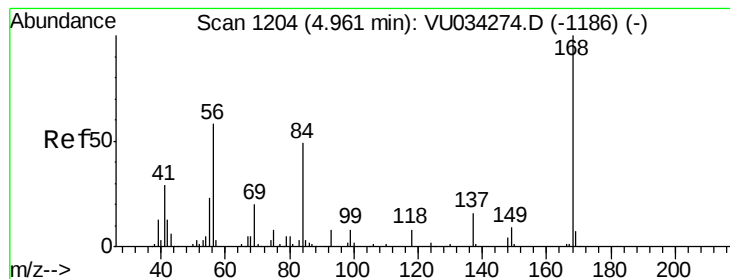
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034318.D

Acq: 06 Sep 2019 10:08

Instrument :

MSVOA_U

ClientSampleId :

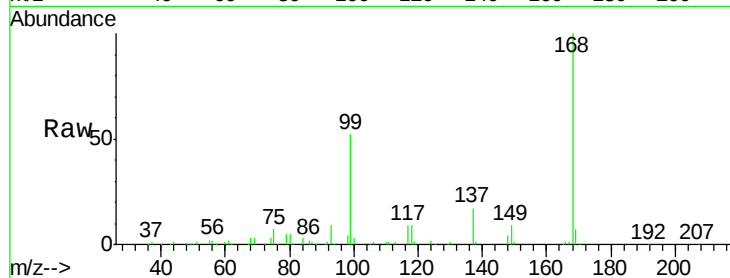
TB

Tot Ion:168 Resp: 289700

Ion Ratio Lower Upper

168 100

99 52.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

150000

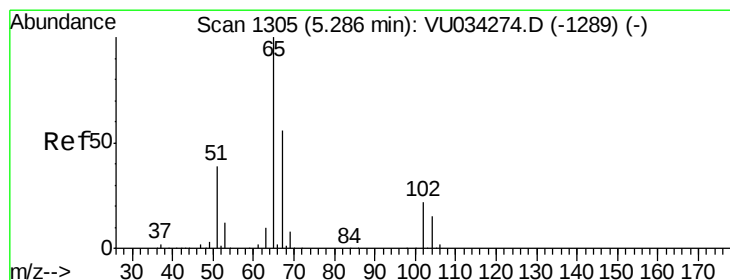
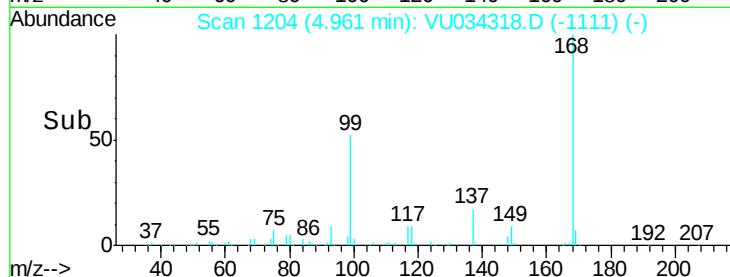
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.950 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034318.D

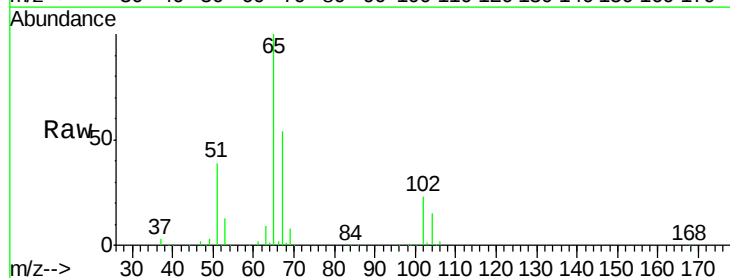
Acq: 06 Sep 2019 10:08

Tgt Ion: 65 Resp: 236475

Ion Ratio Lower Upper

65 100

67 55.3 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU034274.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034274.D (-1289) (-)

5.29

120000

100000

80000

60000

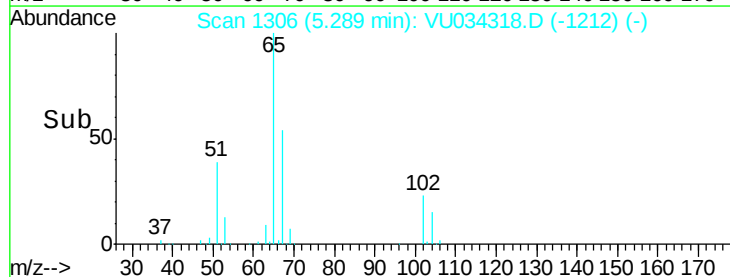
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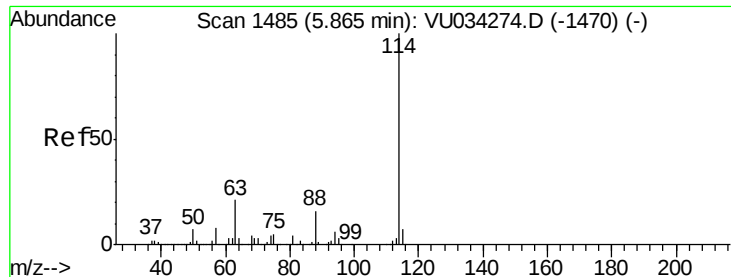
20000

0

5.20 5.30 5.40

Time-->

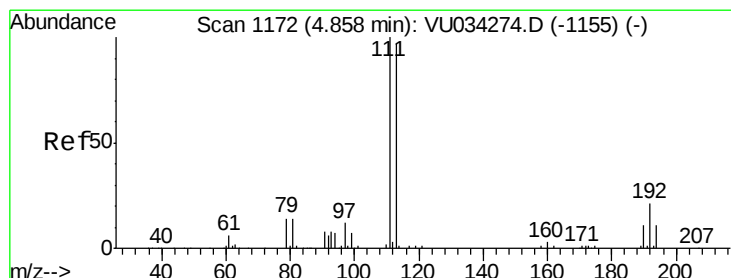
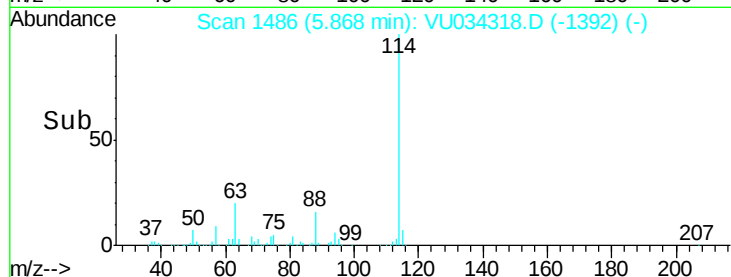
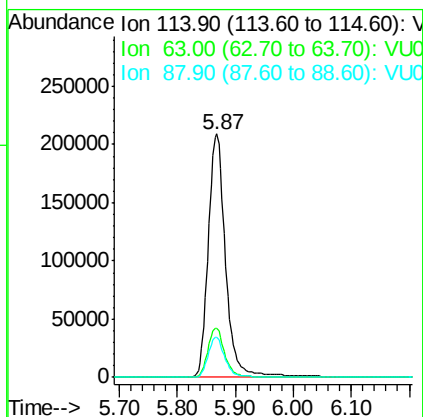
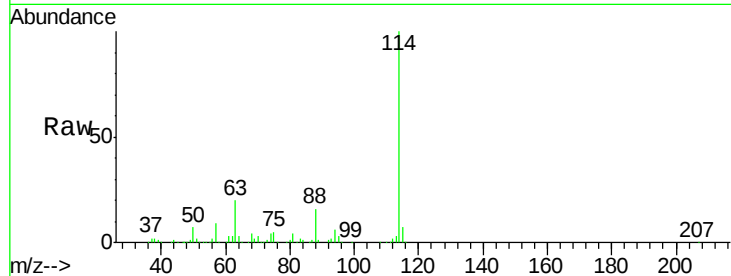




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034318.D
 Acq: 06 Sep 2019 10:08

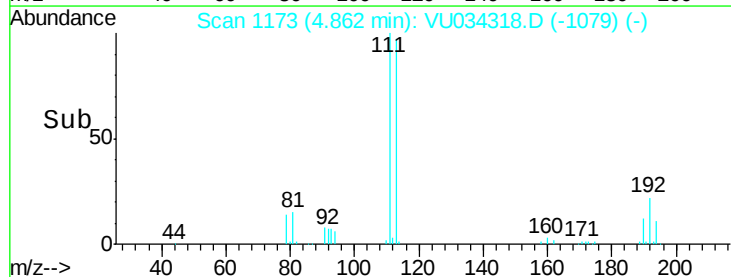
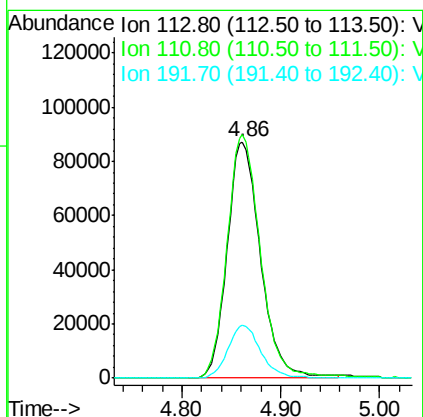
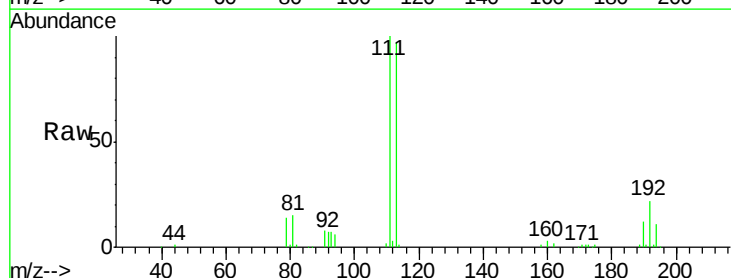
Instrument :
 MSVOA_U
 ClientSampled :
 TB

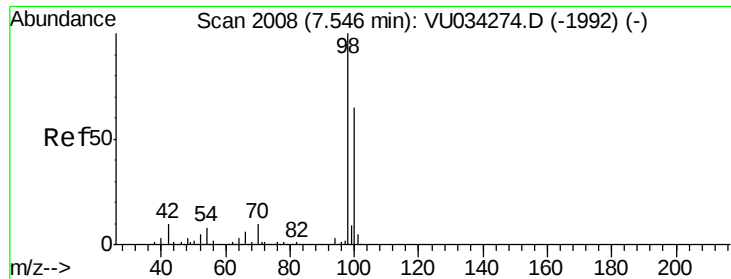
Tot Ion:114 Resp: 436954
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 16.3 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 50.466 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034318.D
 Acq: 06 Sep 2019 10:08

Tgt Ion:113 Resp: 205190
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.5 122.3
 192 21.9 17.8 26.8

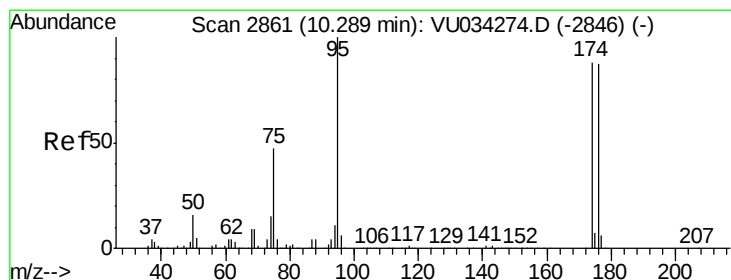
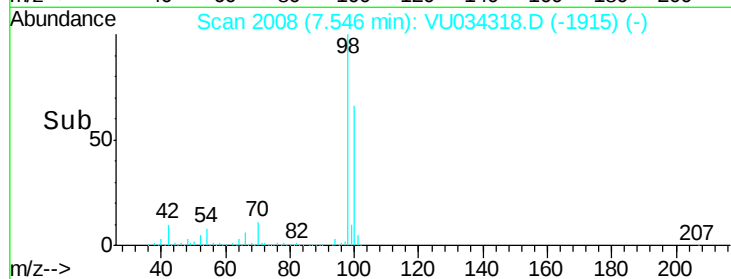
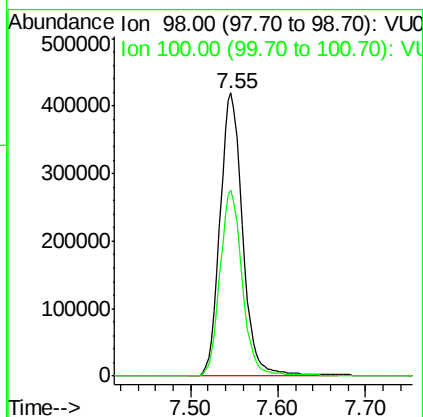
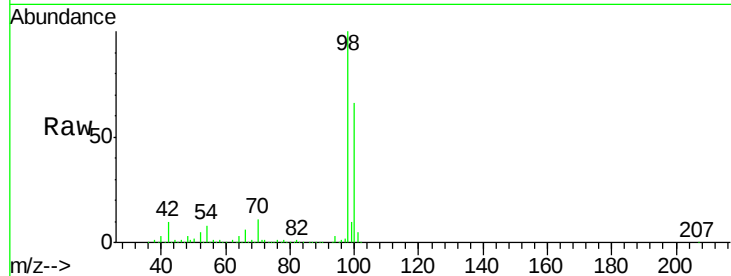




#50
Toluene-d8
Concen: 49.440 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034318.D
Acq: 06 Sep 2019 10:08

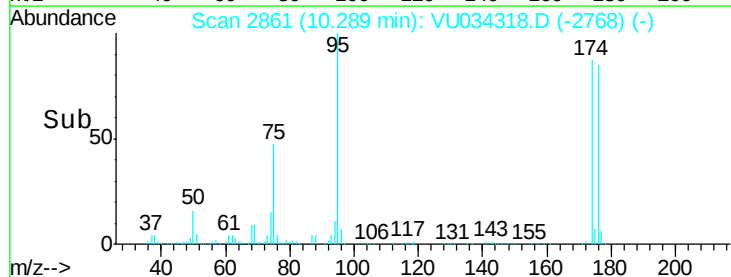
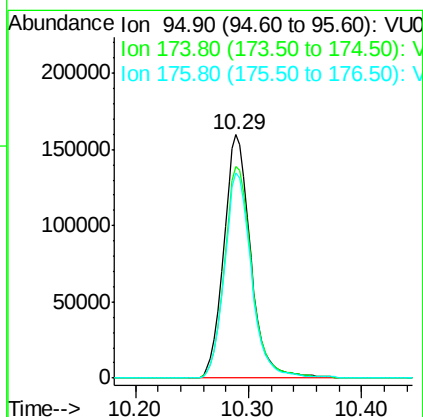
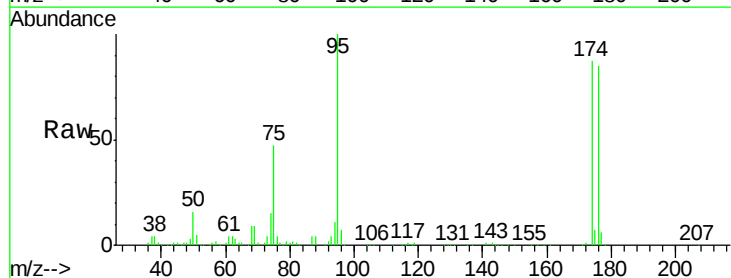
Instrument :
MSVOA_U
ClientSampleId :
TB

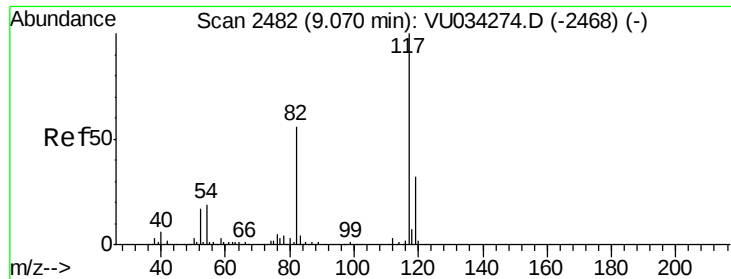
Tot Ion: 98 Resp: 755220
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.768 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.00 min
Lab File: VU034318.D
Acq: 06 Sep 2019 10:08

Tgt Ion: 95 Resp: 264032
Ion Ratio Lower Upper
95 100
174 88.7 0.0 175.2
176 84.7 0.0 168.0

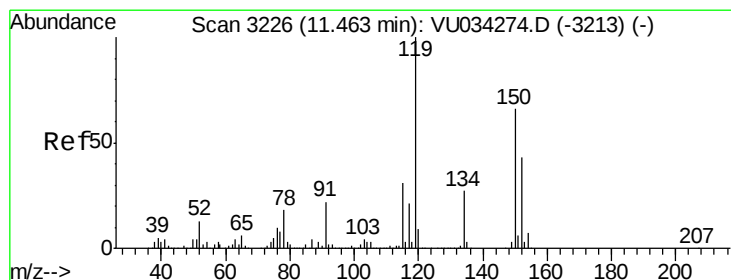
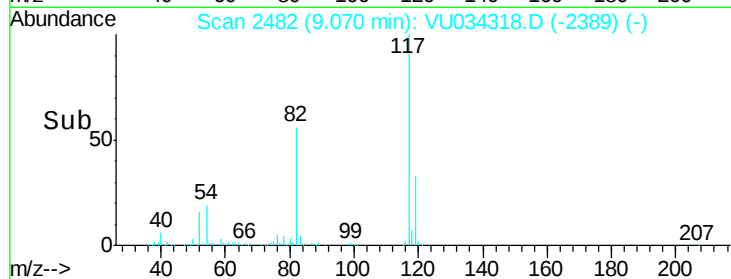
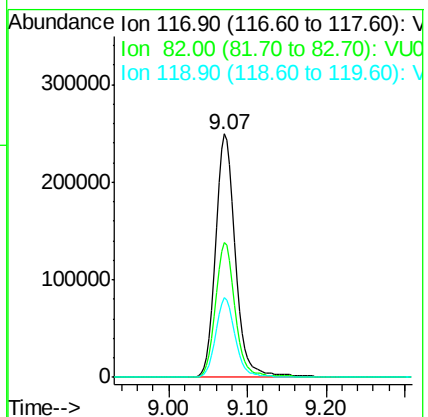
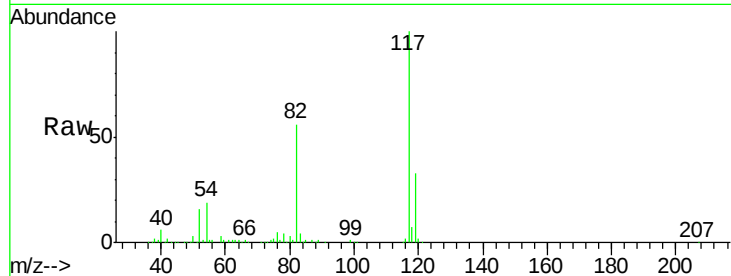




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034318.D
Acq: 06 Sep 2019 10:08

Instrument :
MSVOA_U
ClientSampleId :
TB

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	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: VU034318.D
Acq: 06 Sep 2019 10:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.1	117.3
150	157.5	0.0	345.4

