

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034153.D
 Acq On : 01 Sep 2019 04:06
 Operator : JC/SP
 Sample : K4526-36
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-G3-(0)

Quant Time: Sep 01 06:01:37 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

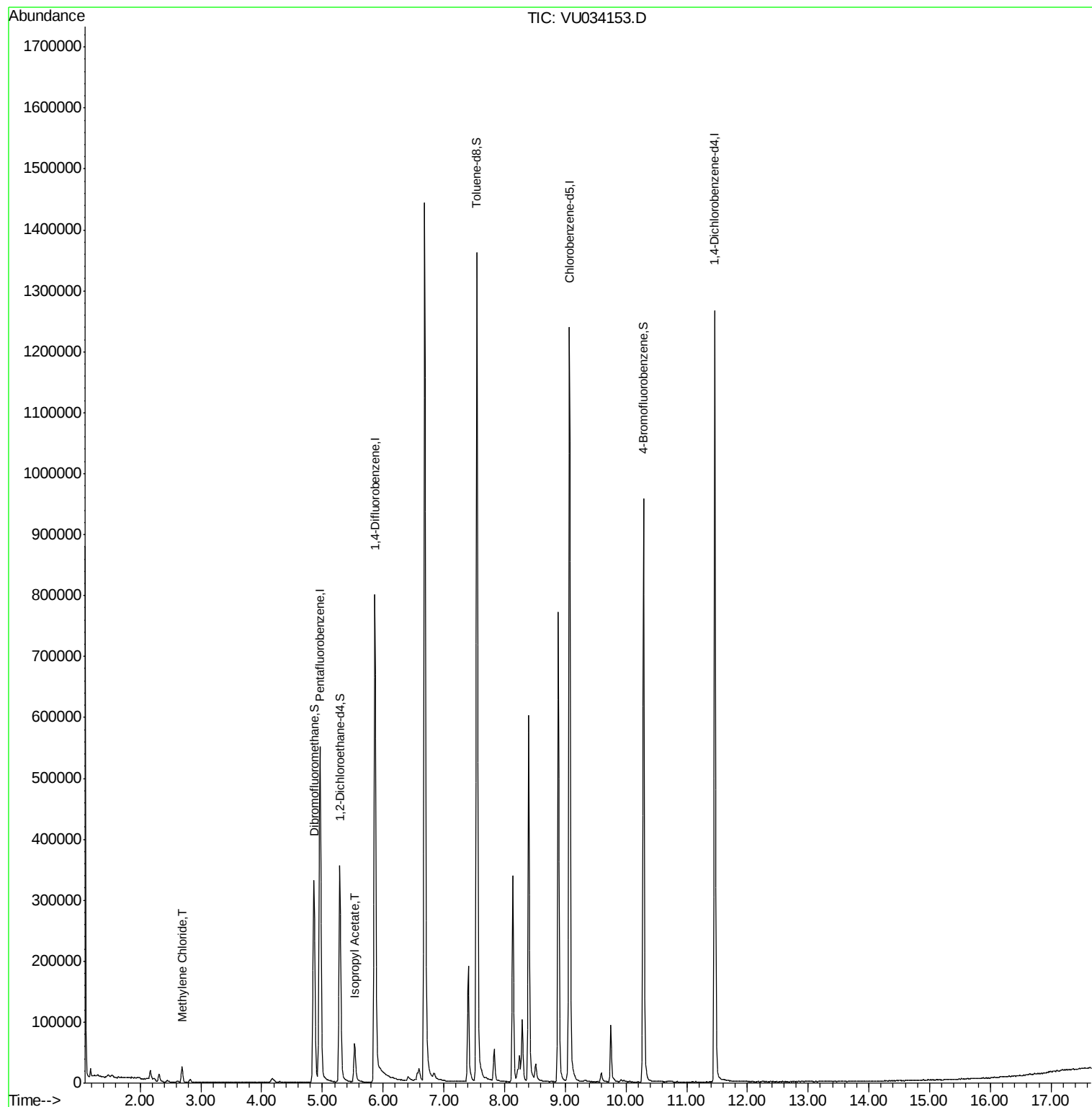
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	449355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	730429	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	719567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	349364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	285360	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	4.86	113	238339	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
50) Toluene-d8	7.55	98	942586	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	10.29	95	330123	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
Target Compounds						
20) Methylene Chloride	2.69	84	11314	2.034	ug/l	96
43) Isopropyl Acetate	5.53	43	75899	6.448	ug/l	98

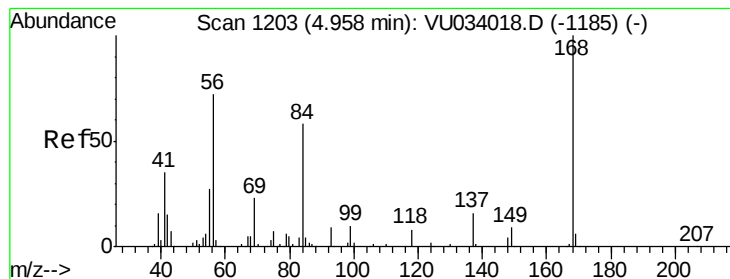
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
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: VU034153.D

Acq: 01 Sep 2019 04:06

Instrument :

MSVOA_U

ClientSampleId :

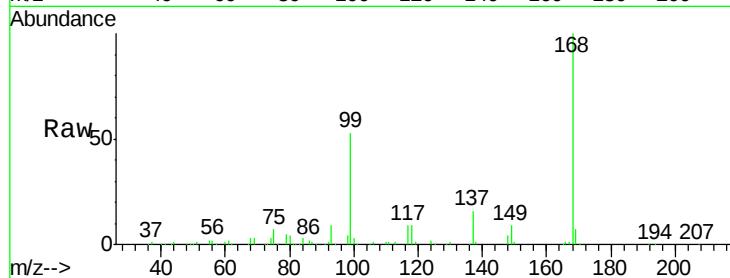
T9-12-13-G3-(0)

Tot Ion:168 Resp: 449355

Ion Ratio Lower Upper

168 100

99 52.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

150000

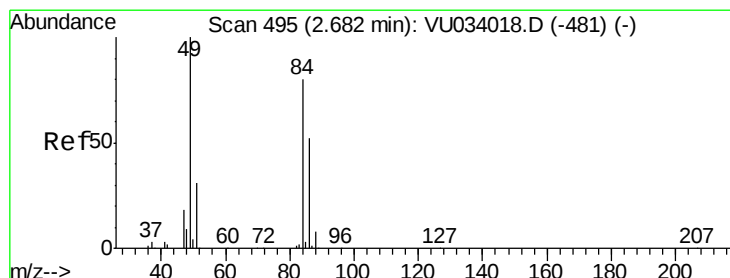
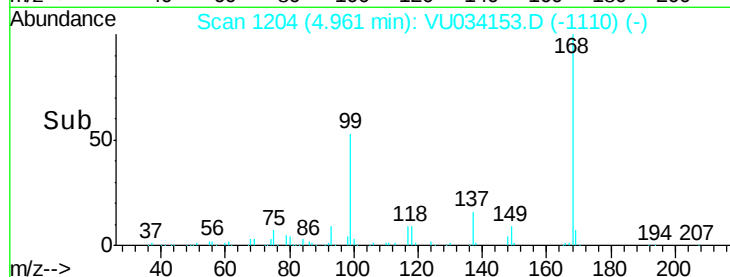
100000

50000

0

4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 2.034 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.01 min

Lab File: VU034153.D

Acq: 01 Sep 2019 04:06

Tgt Ion: 84 Resp: 11314

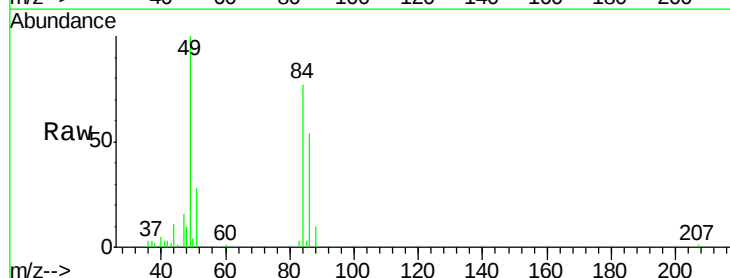
Ion Ratio Lower Upper

84 100

49 129.8 100.2 150.4

51 35.7 30.8 46.2

86 70.0 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VU034018.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VU034018.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VU034018.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VU034018.D (-481) (-)

2.69

12000

10000

8000

6000

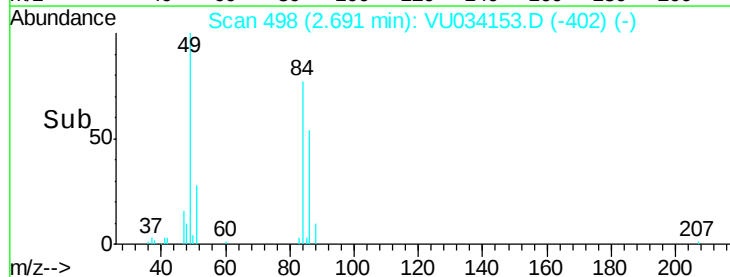
4000

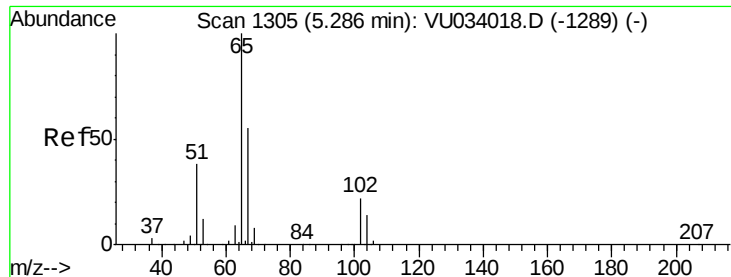
2000

0

2.65 2.70 2.75

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.561 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034153.D

Acq: 01 Sep 2019 04:06

Instrument :

MSVOA_U

ClientSampleId :

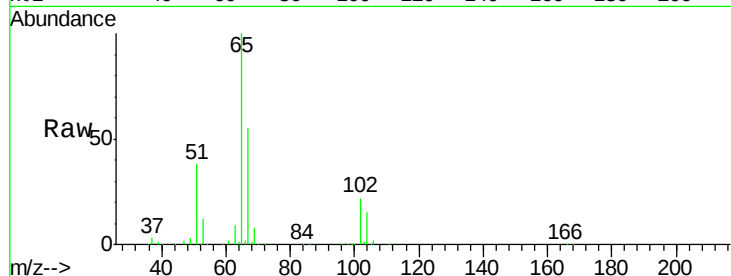
T9-12-13-G3-(0)

Tot Ion: 65 Resp: 285360

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034018.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034018.D (-1289) (-)

5.29

150000

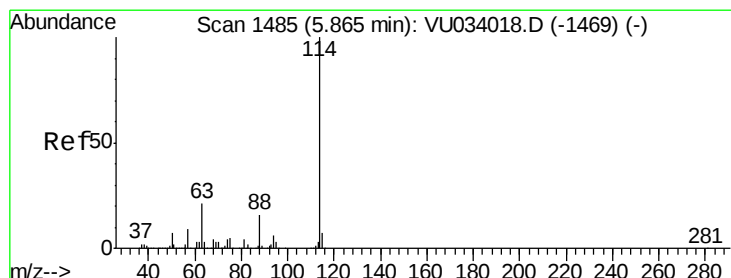
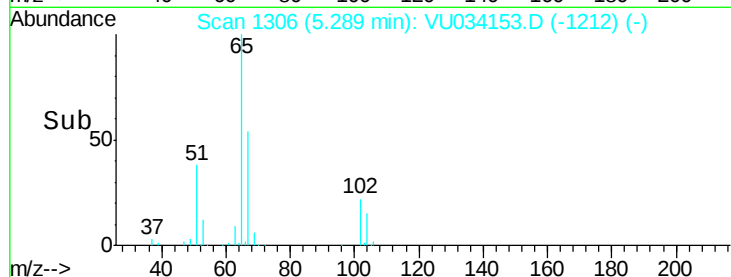
100000

50000

0

Time-->

5.20 5.30 5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034153.D

Acq: 01 Sep 2019 04:06

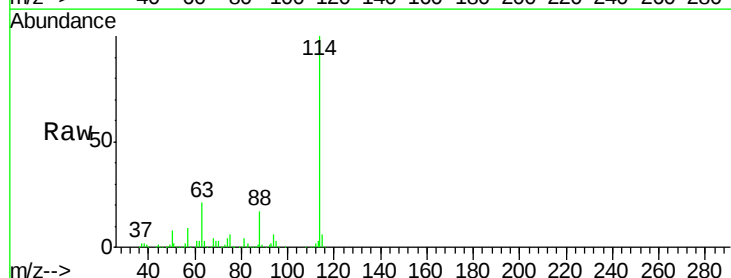
Tgt Ion: 114 Resp: 730429

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.0

88 16.5 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU034018.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034018.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034018.D (-1469) (-)

5.86

400000

300000

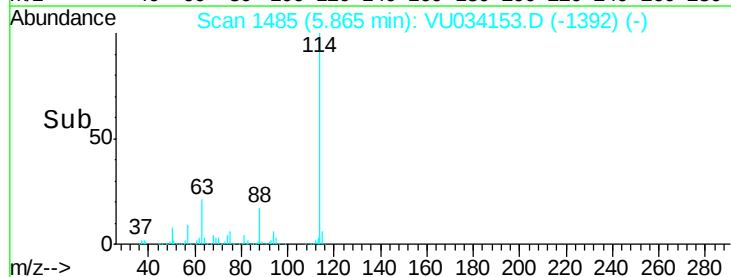
200000

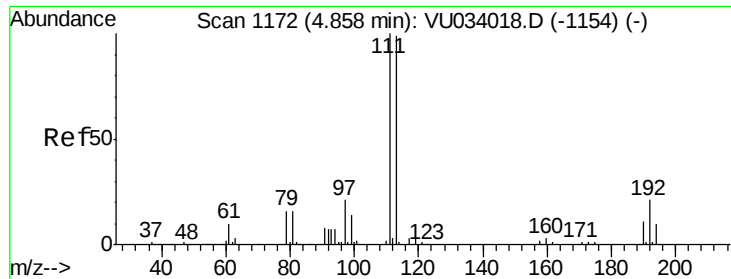
100000

0

Time-->

5.70 5.80 5.90 6.00 6.10

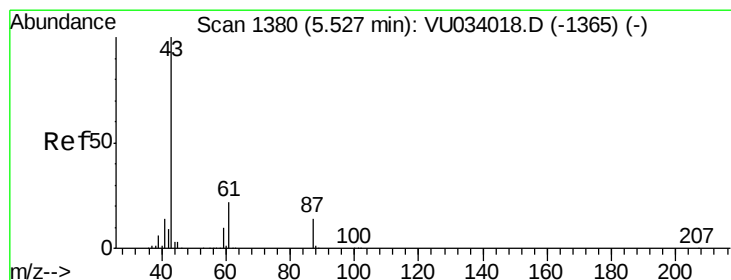
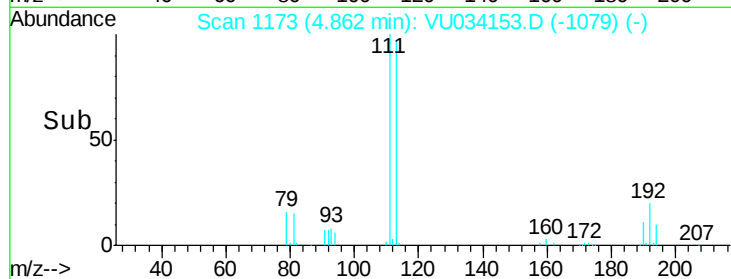
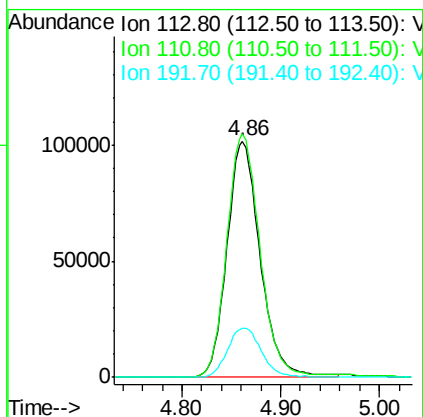
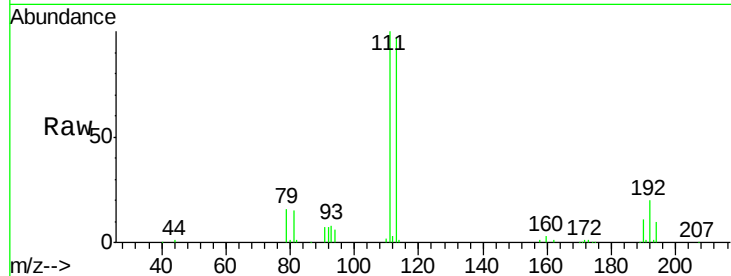




#35
 Dibromofluoromethane
 Concen: 47.045 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034153.D
 Acq: 01 Sep 2019 04:06

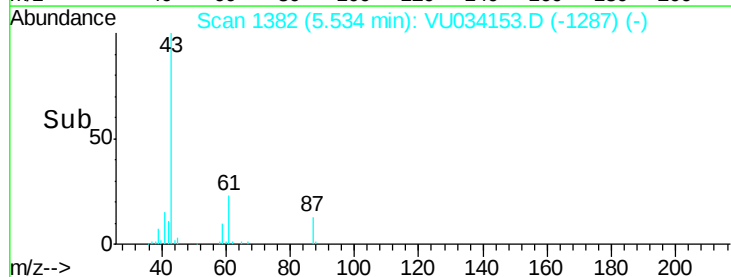
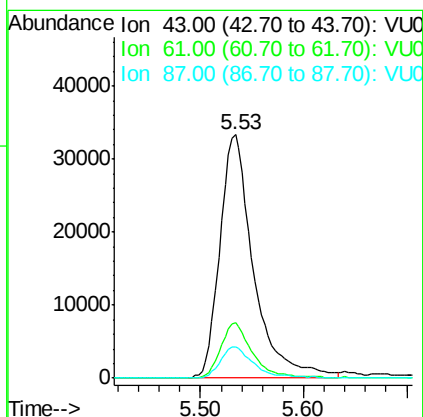
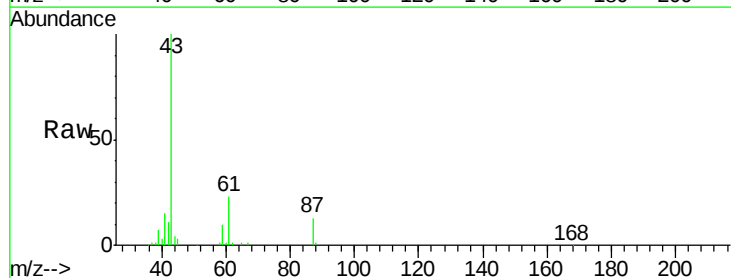
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-G3-(0)

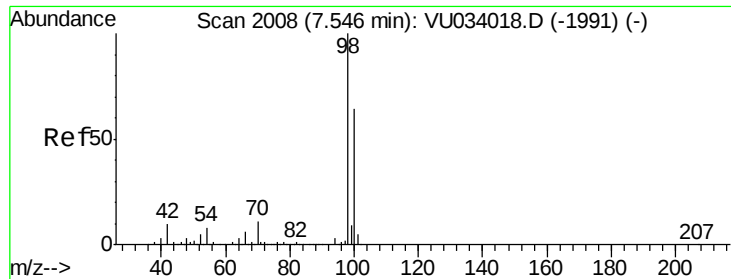
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.7	122.5
192	21.6	17.1	25.7



#43
 Isopropyl Acetate
 Concen: 6.448 ug/l
 RT: 5.53 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VU034153.D
 Acq: 01 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.2	25.8
87	12.6	10.8	16.2

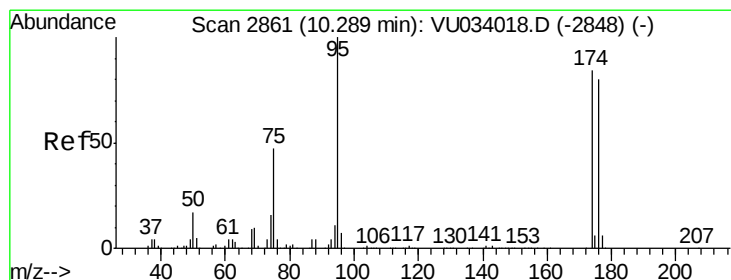
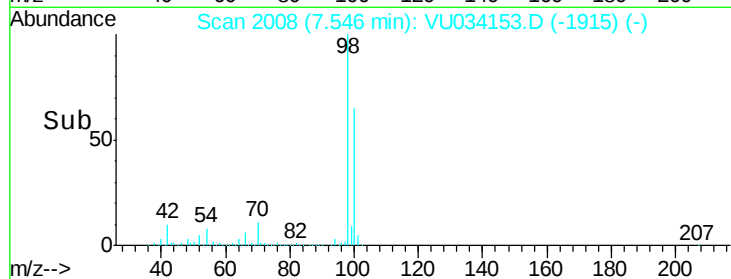
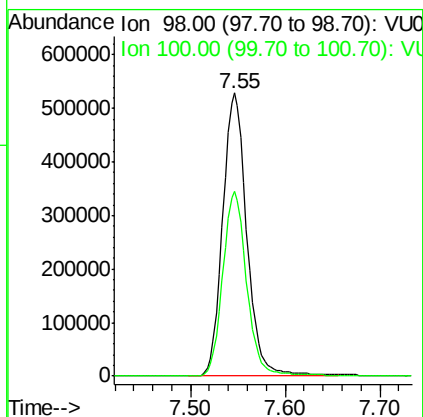
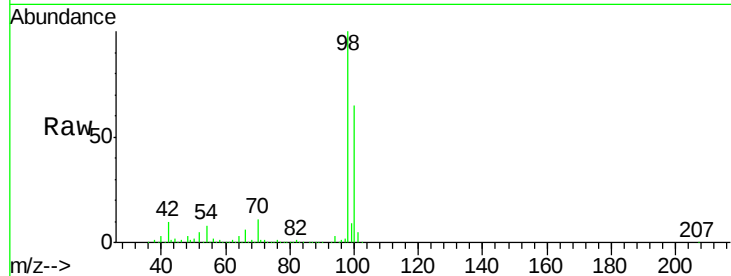




#50
Toluene-d8
Concen: 49.689 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034153.D
Acq: 01 Sep 2019 04:06

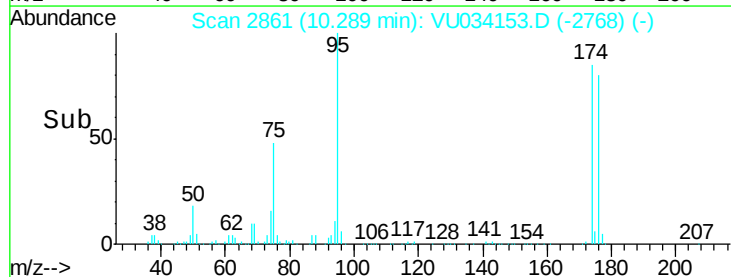
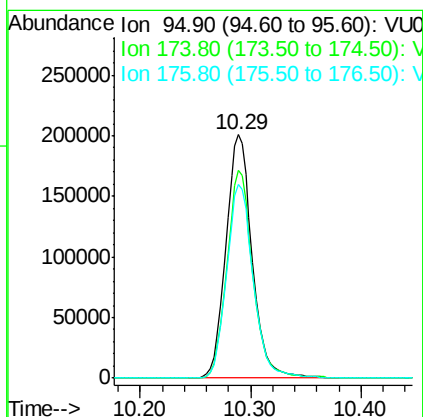
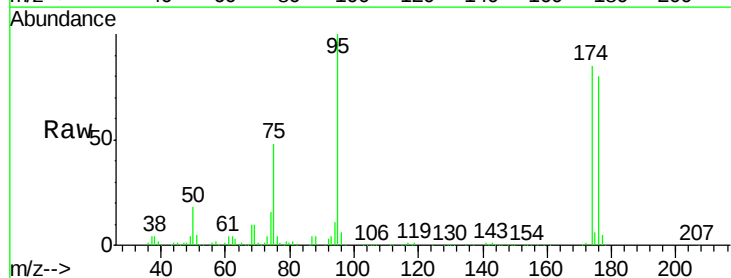
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-G3-(0)

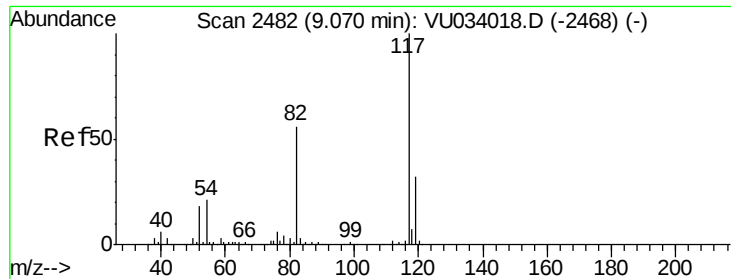
Tot Ion: 98 Resp: 942586
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.738 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034153.D
Acq: 01 Sep 2019 04:06

Tgt Ion: 95 Resp: 330123
Ion Ratio Lower Upper
95 100
174 84.9 0.0 168.8
176 80.8 0.0 161.8

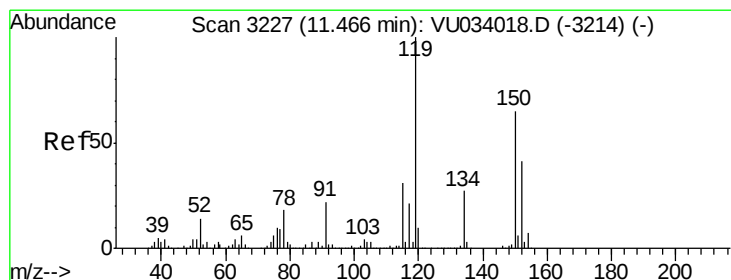
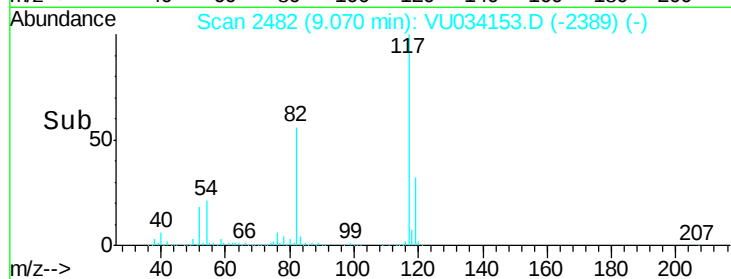
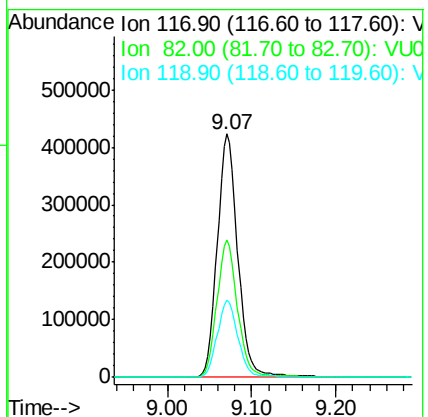
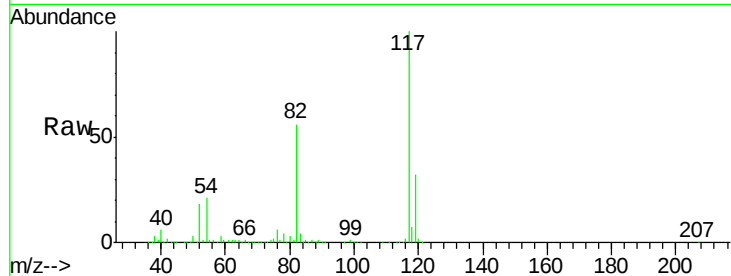




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034153.D
Acq: 01 Sep 2019 04:06

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-G3-(0)

Tot Ion:117 Resp: 719567
Ion Ratio Lower Upper
117 100
82 56.4 45.1 67.7
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034153.D
Acq: 01 Sep 2019 04:06

Tgt Ion:152 Resp: 349364
Ion Ratio Lower Upper
152 100
115 57.1 41.1 123.3
150 158.0 0.0 348.8

