

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090419\
 Data File : VU034233.D
 Acq On : 03 Sep 2019 17:44
 Operator : JC/SP
 Sample : K4546-26
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-C3-(2.5)

Quant Time: Sep 04 06:37:03 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

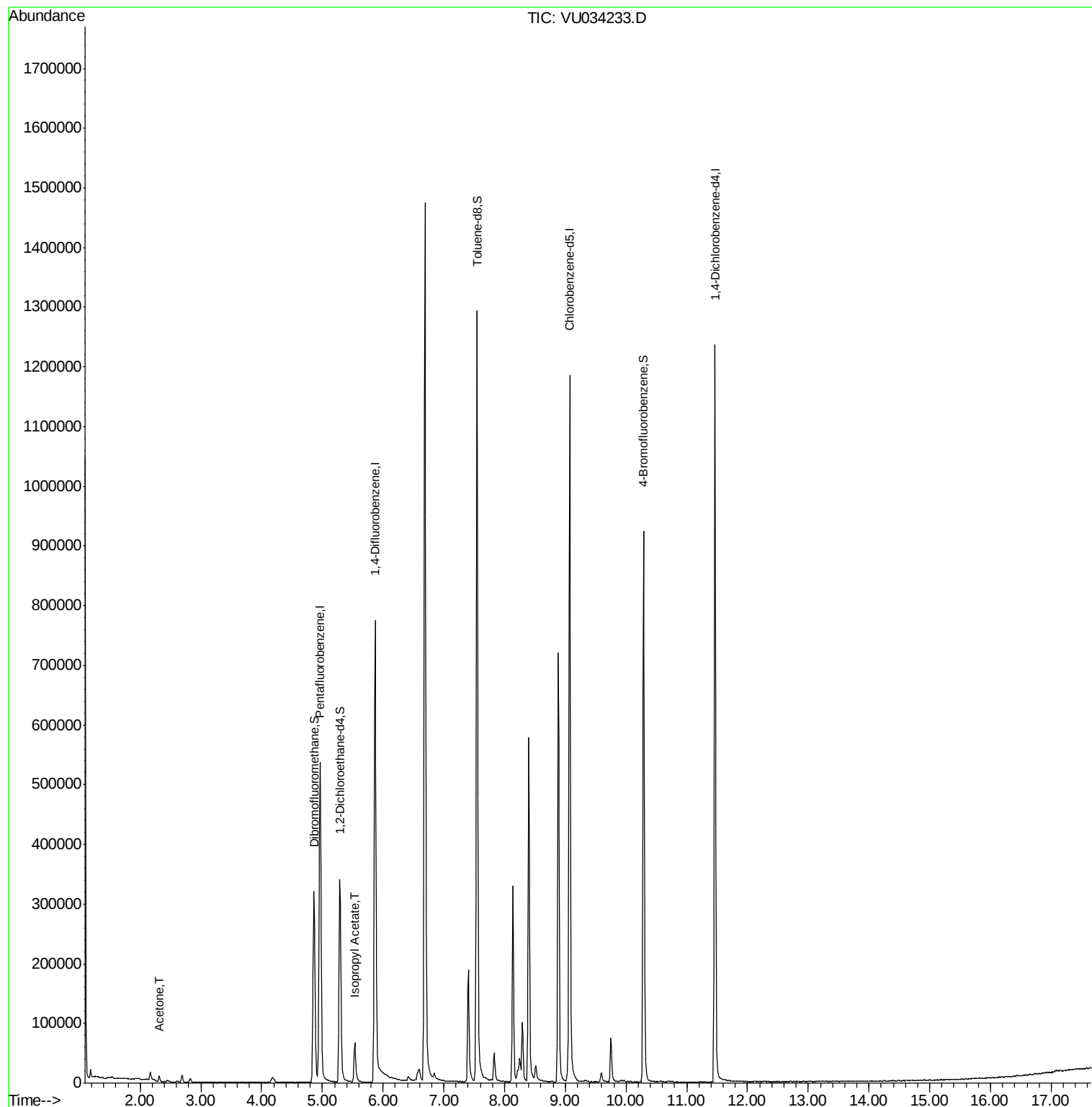
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	432649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	698593	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	695639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	343454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	273219	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
35) Dibromofluoromethane	4.86	113	228841	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
50) Toluene-d8	7.55	98	907959	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	10.29	95	316629	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
Target Compounds						
16) Acetone	2.31	43	10696	3.781	ug/l	96
43) Isopropyl Acetate	5.53	43	77725	6.904	ug/l	99

(#) = 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: VU034233.D

Acq: 03 Sep 2019 17:44

Instrument :

MSVOA_U

ClientSampleId :

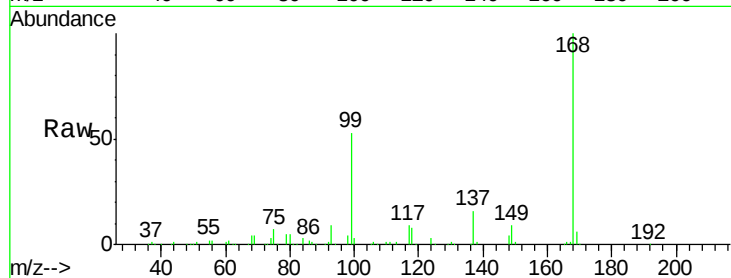
T3-S-C3-(2.5)

Tot Ion:168 Resp: 432649

Ion Ratio Lower Upper

168 100

99 53.2 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

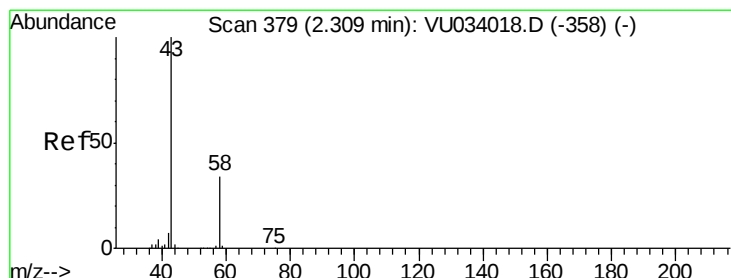
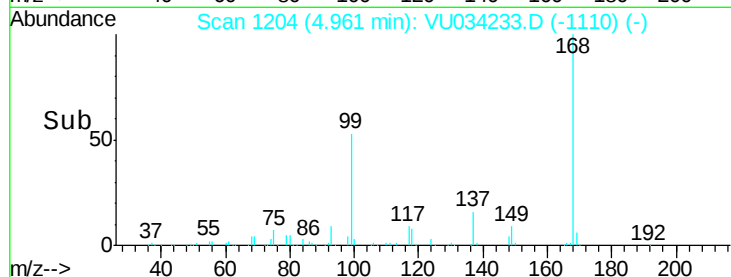
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 3.781 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034233.D

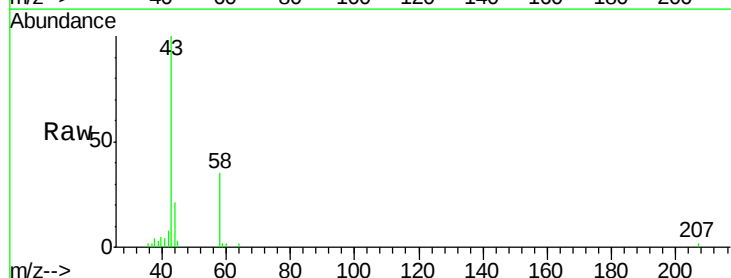
Acq: 03 Sep 2019 17:44

Tgt Ion: 43 Resp: 10696

Ion Ratio Lower Upper

43 100

58 36.0 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-358) (-)

2.31

6000

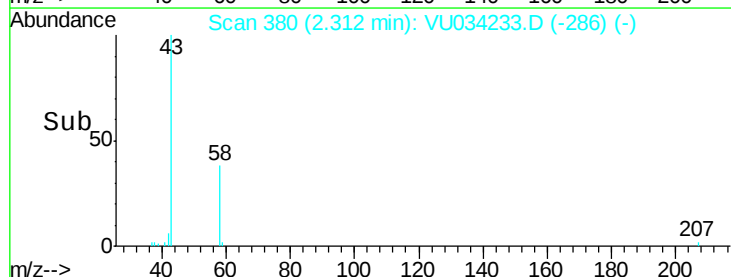
4000

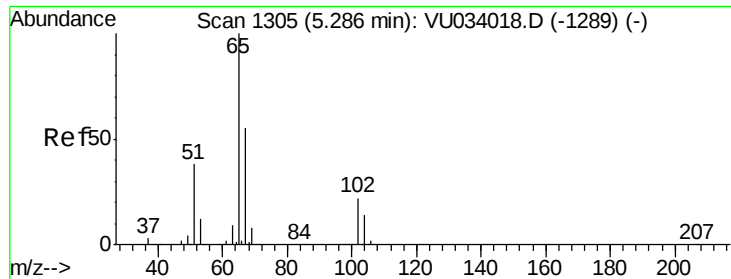
2000

0

2.25 2.30 2.35 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.285 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034233.D

Acq: 03 Sep 2019 17:44

Instrument :

MSVOA_U

ClientSampleId :

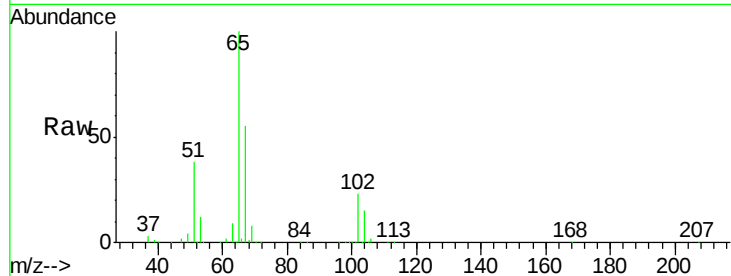
T3-S-C3-(2.5)

Tot Ion: 65 Resp: 273219

Ion Ratio Lower Upper

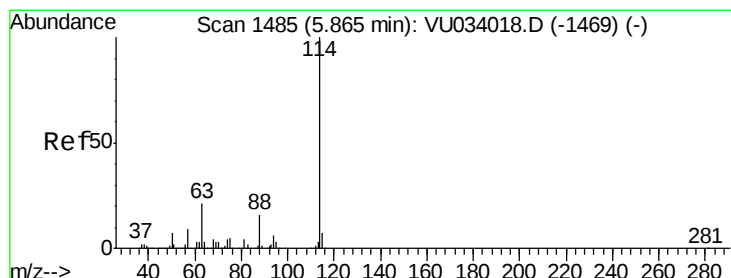
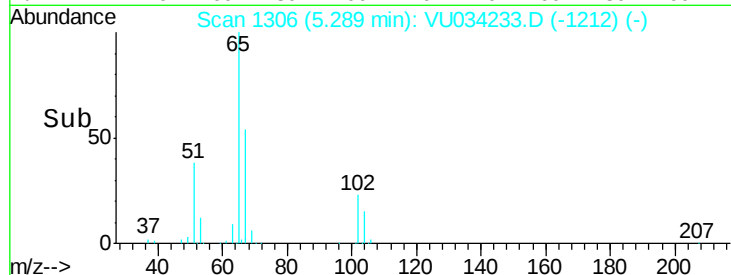
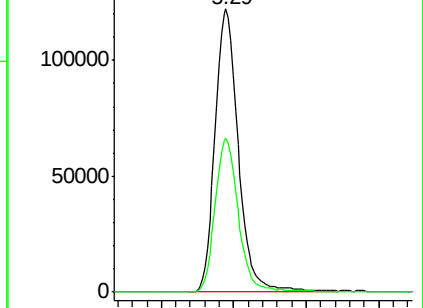
65 100

67 54.1 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) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034233.D

Acq: 03 Sep 2019 17:44

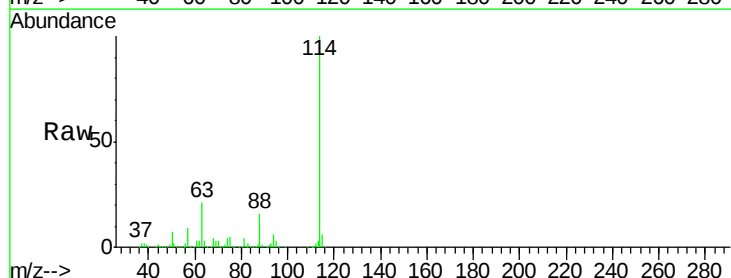
Tgt Ion: 114 Resp: 698593

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.0

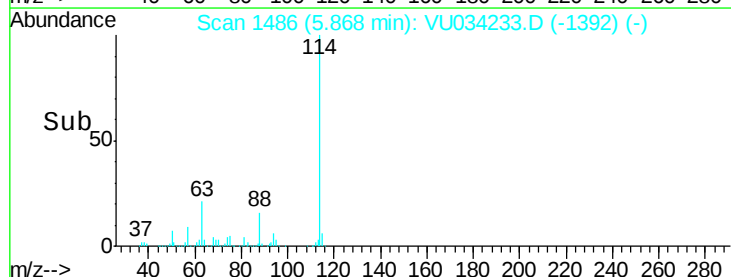
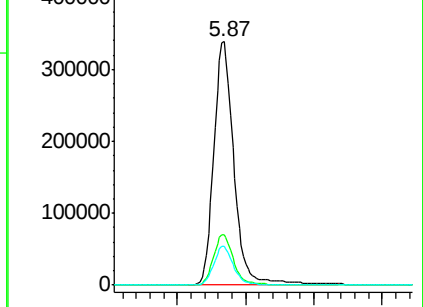
88 15.9 0.0 32.0

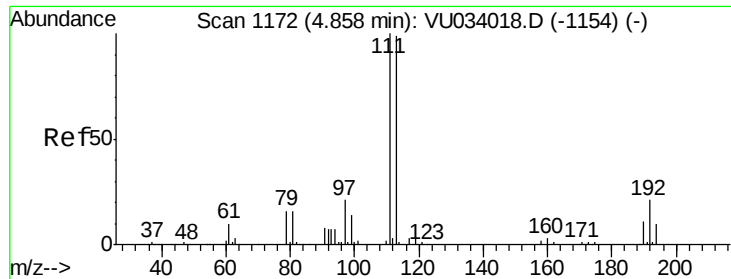


Abundance Ion 113.90 (113.60 to 114.60): VU034018.D (-1469) (-)

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

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

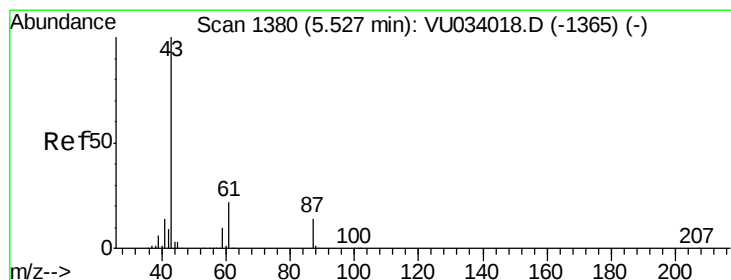
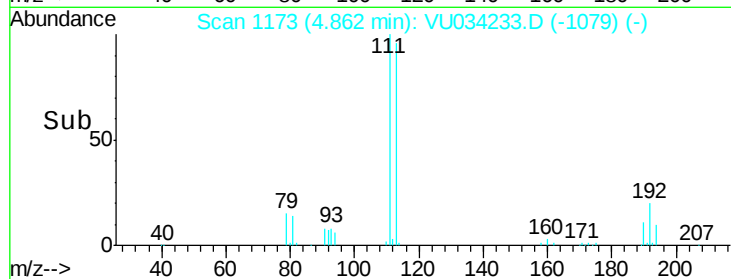
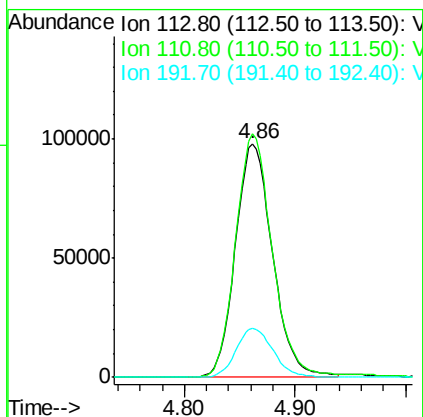
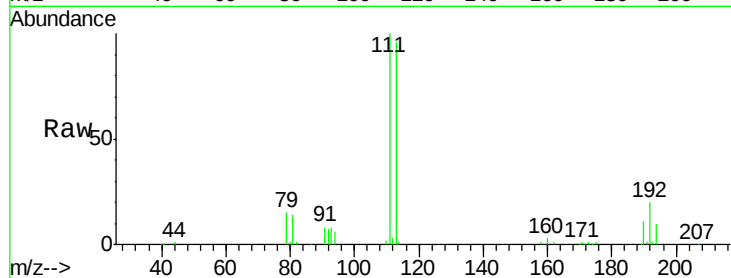




#35
 Dibromofluoromethane
 Concen: 47.229 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034233.D
 Acq: 03 Sep 2019 17:44

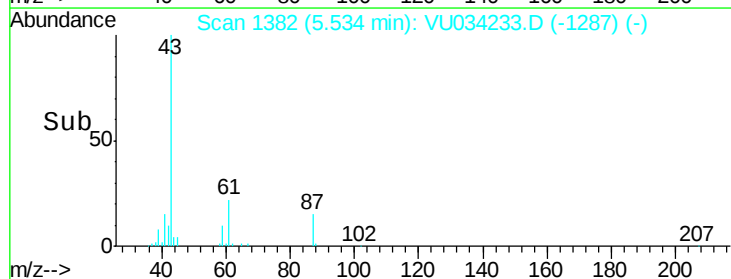
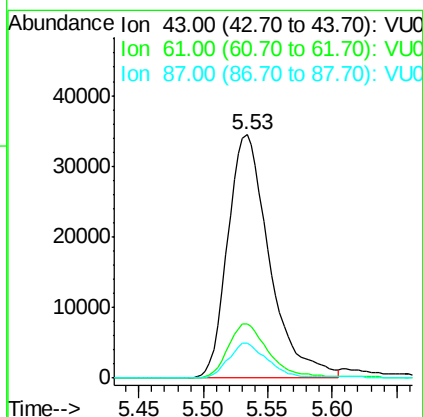
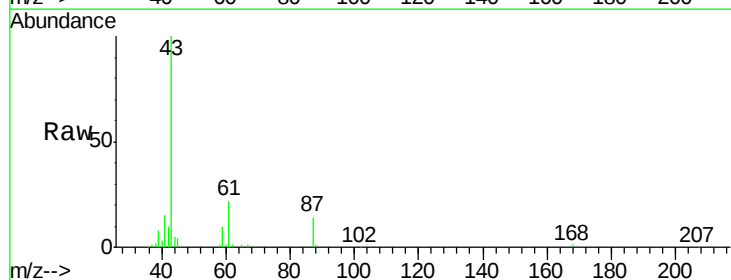
Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-C3-(2.5)

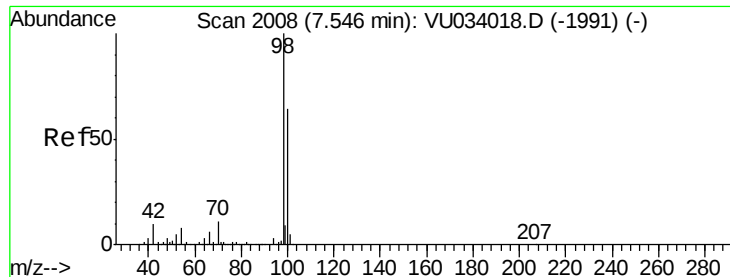
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.7	122.5
192	21.0	17.1	25.7



#43
 Isopropyl Acetate
 Concen: 6.904 ug/l
 RT: 5.53 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: VU034233.D
 Acq: 03 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.2	25.8
87	13.4	10.8	16.2





#50

Toluene-d8

Concen: 50.045 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034233.D

Acq: 03 Sep 2019 17:44

Instrument :

MSVOA_U

ClientSampleId :

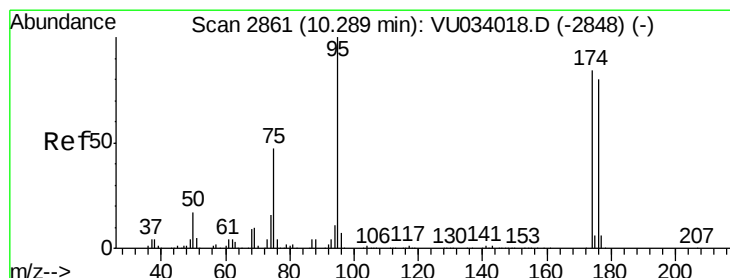
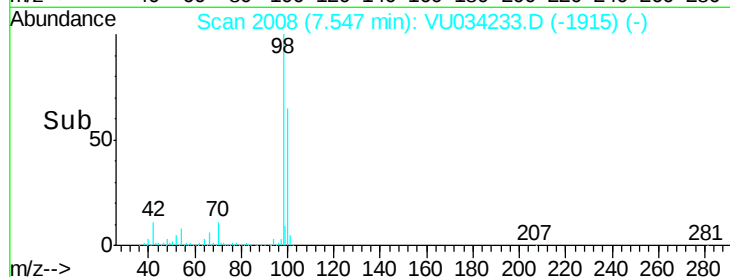
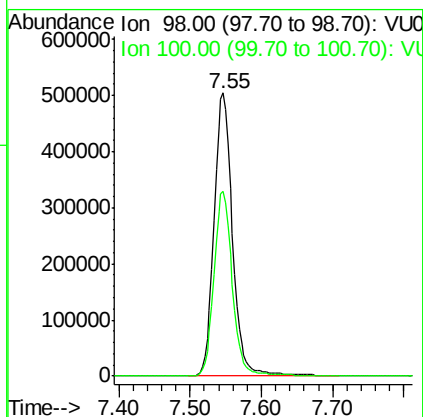
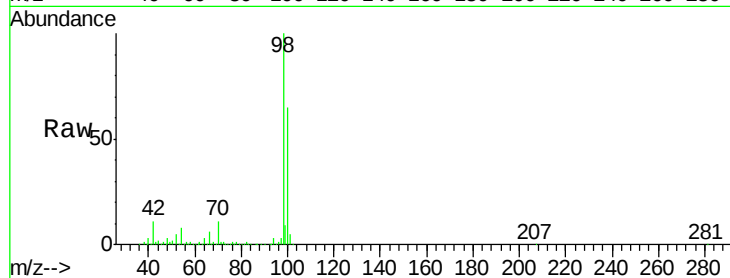
T3-S-C3-(2.5)

Tot Ion: 98 Resp: 907959

Ion Ratio Lower Upper

98 100

100 64.9 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 44.865 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034233.D

Acq: 03 Sep 2019 17:44

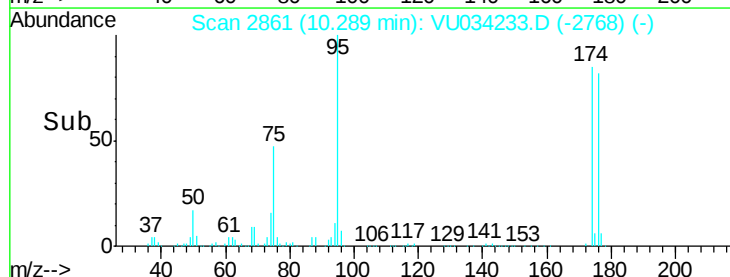
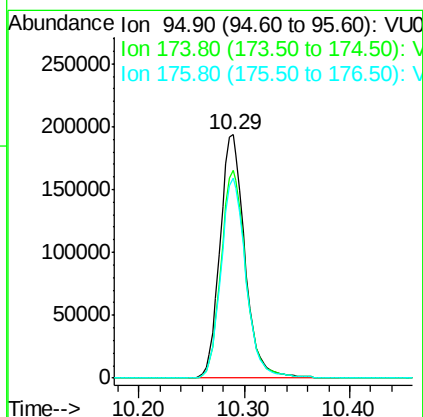
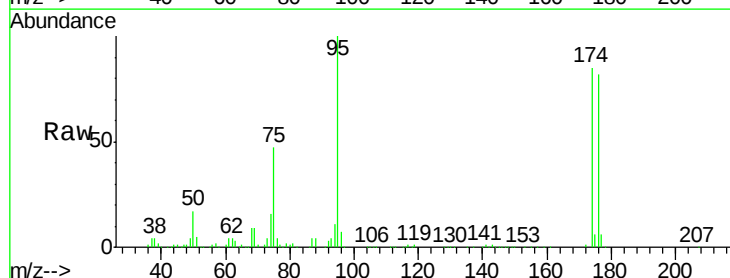
Tgt Ion: 95 Resp: 316629

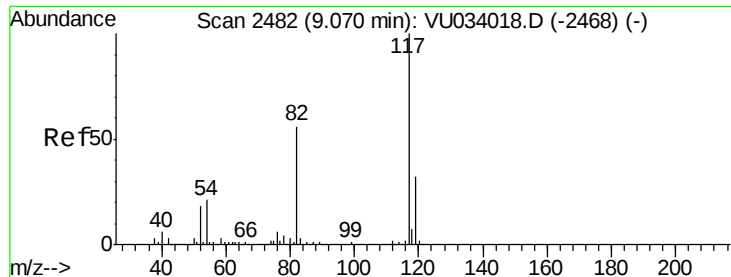
Ion Ratio Lower Upper

95 100

174 85.9 0.0 168.8

176 82.3 0.0 161.8

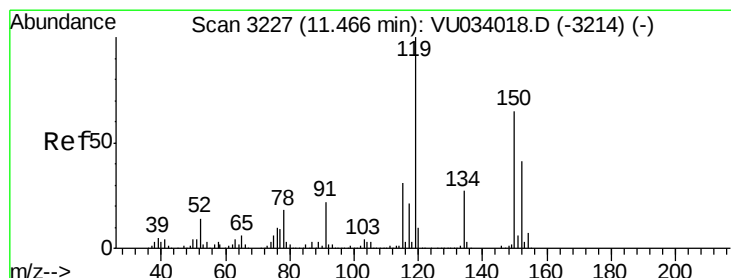
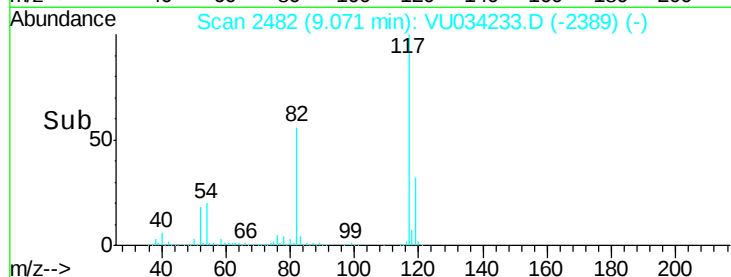
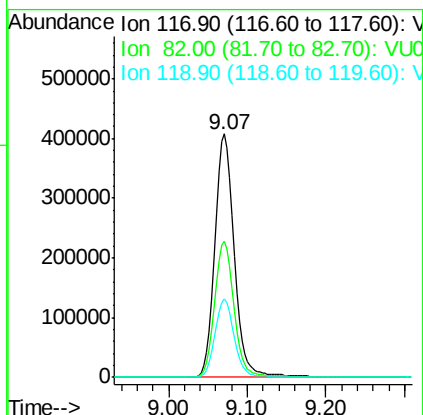
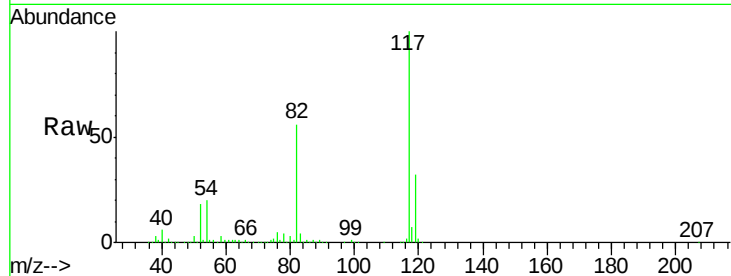




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034233.D
Acq: 03 Sep 2019 17:44

Instrument :
MSVOA_U
ClientSampleId :
T3-S-C3-(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.1	67.7
119	32.1	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: VU034233.D
Acq: 03 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	41.1	123.3
150	154.6	0.0	348.8

