

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082919\
 Data File : VU034036.D
 Acq On : 28 Aug 2019 20:24
 Operator : JC/SP
 Sample : K4525-25
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-A4-(0)

Quant Time: Aug 29 05:08:21 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

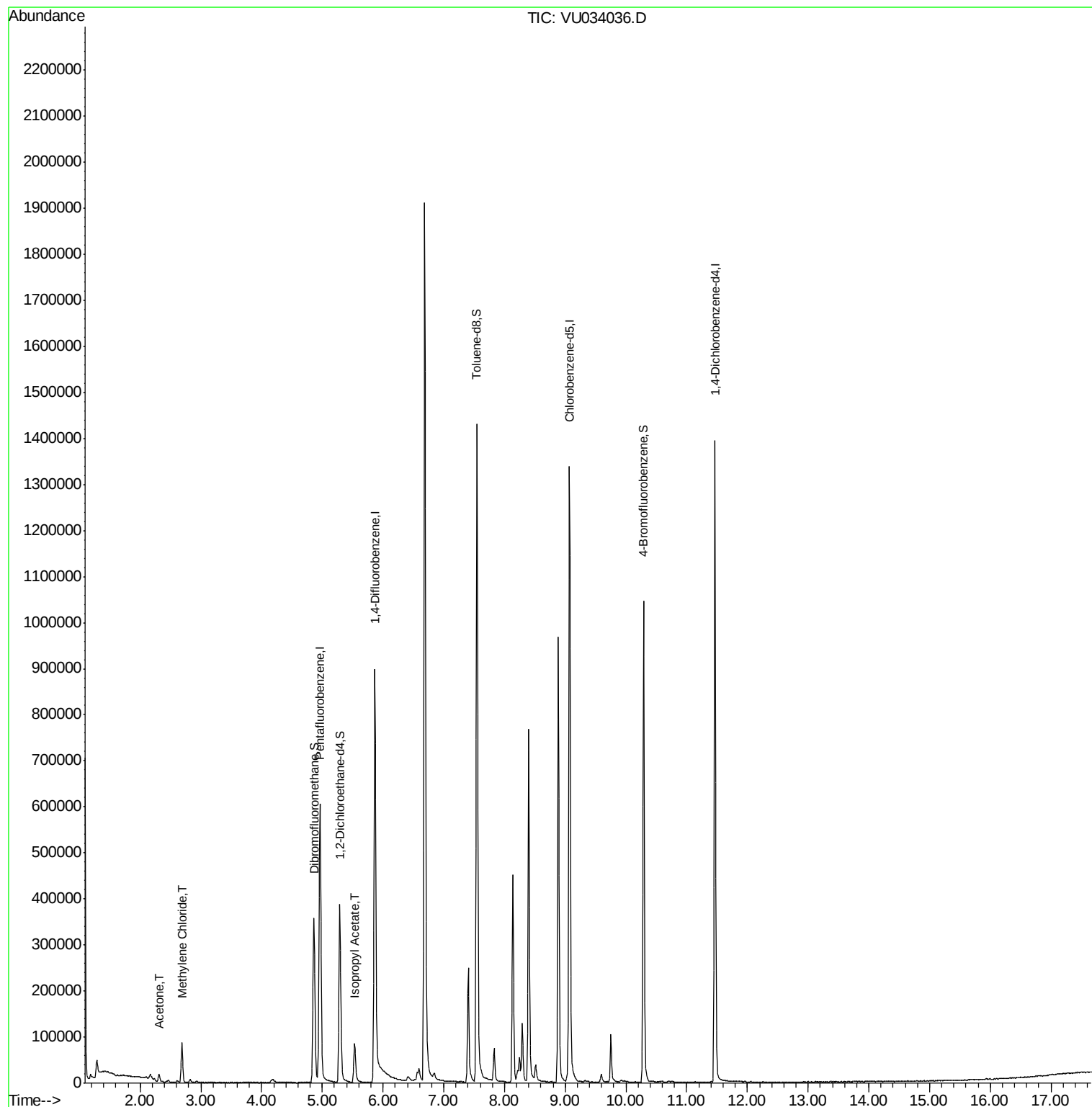
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	496369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	795506	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	775217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	383344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	311512	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
35) Dibromofluoromethane	4.86	113	253841	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
50) Toluene-d8	7.55	98	1005905	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	10.29	95	356499	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
Target Compounds						
16) Acetone	2.31	43	18697	5.761	ug/l	96
20) Methylene Chloride	2.69	84	37168	6.050	ug/l	99
43) Isopropyl Acetate	5.53	43	103049	8.039	ug/l	99

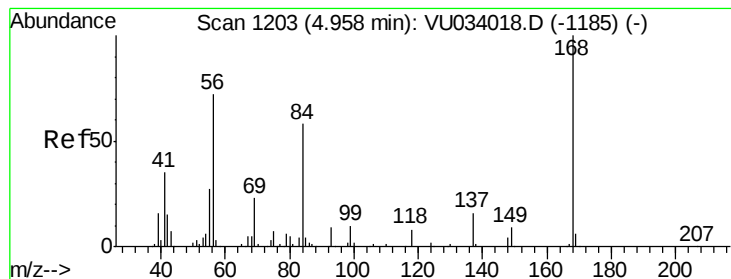
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034036.D

Acq: 28 Aug 2019 20:24

Instrument :

MSVOA_U

ClientSampleId :

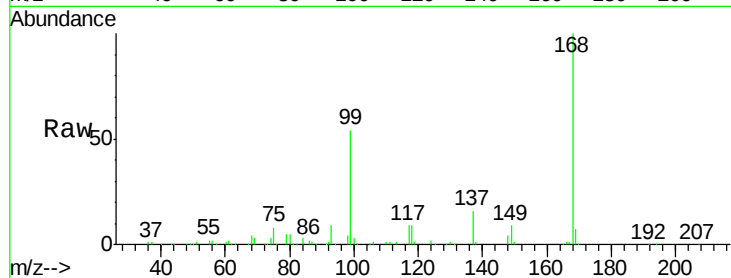
T9-12-13-A4-(0)

Tot Ion:168 Resp: 496369

Ion Ratio Lower Upper

168 100

99 54.4 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

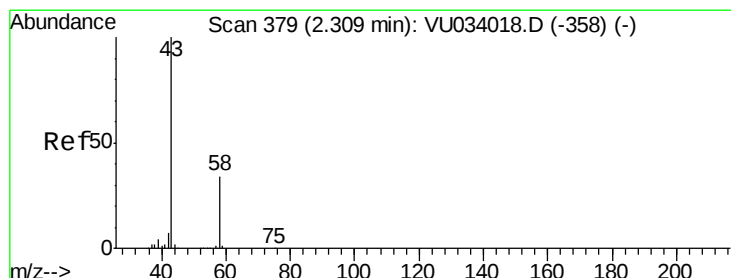
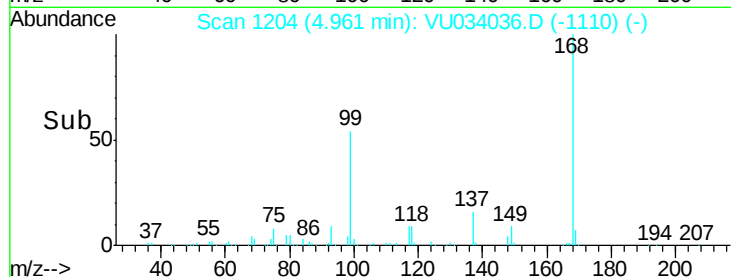
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 5.761 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034036.D

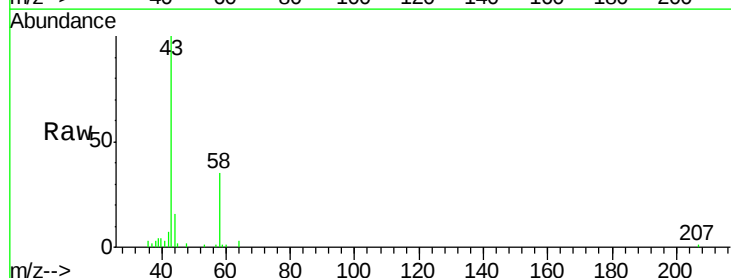
Acq: 28 Aug 2019 20:24

Tgt Ion: 43 Resp: 18697

Ion Ratio Lower Upper

43 100

58 35.9 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

12000

10000

8000

6000

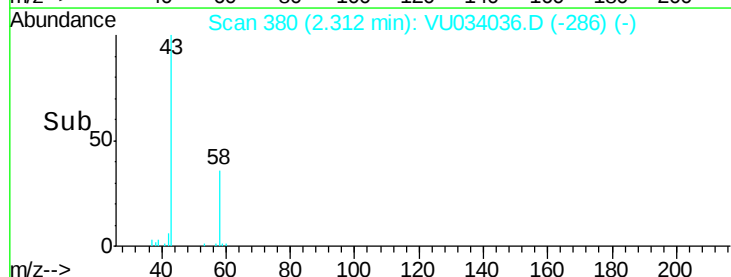
4000

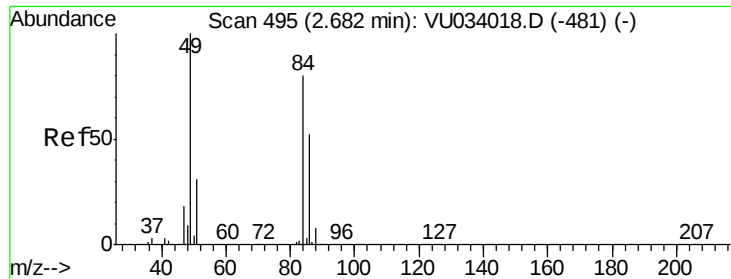
2000

0

2.25 2.30 2.35 2.40

Time-->

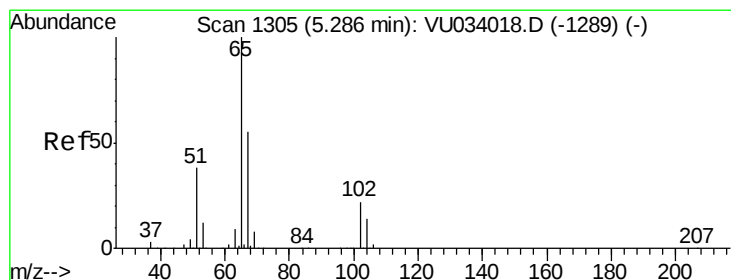
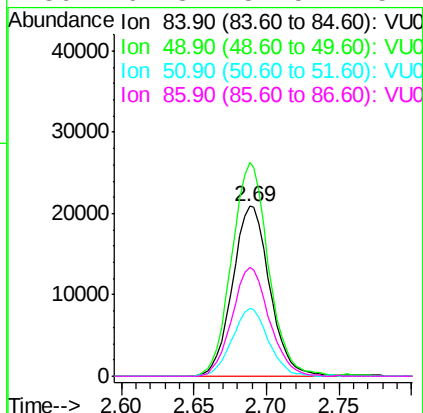
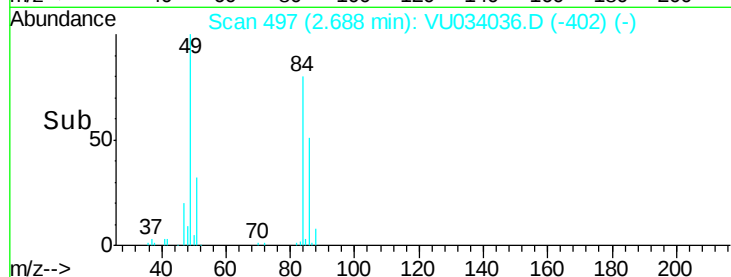
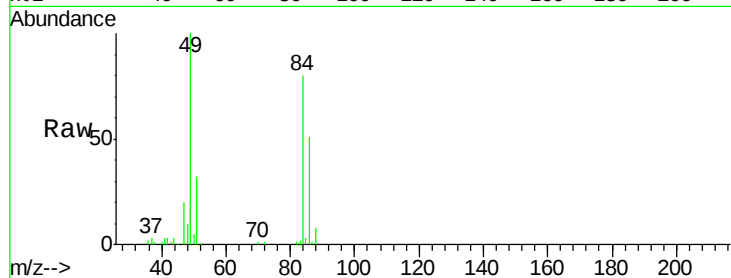




#20
Methylene Chloride
Concen: 6.050 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034036.D
Acq: 28 Aug 2019 20:24

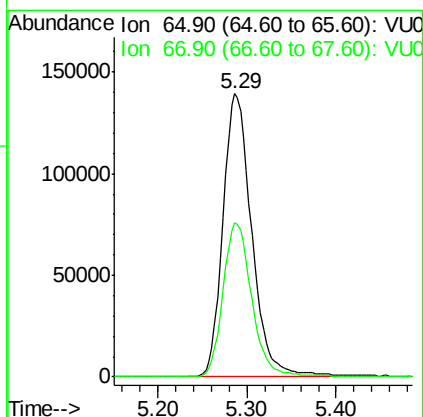
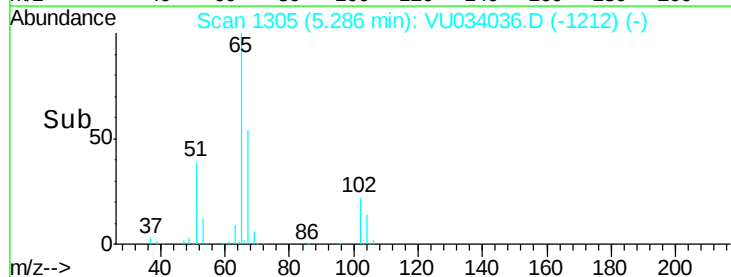
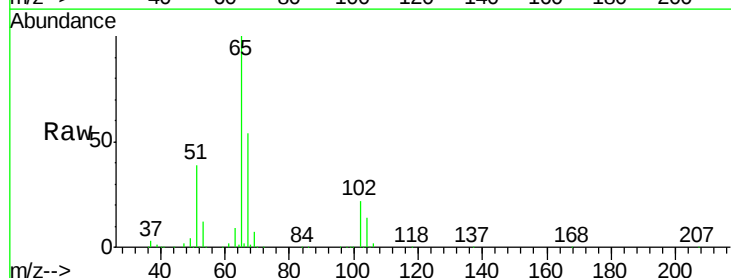
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-A4-(0)

Tot Ion: 84 Resp: 37168
Ion Ratio Lower Upper
84 100
49 125.7 100.2 150.4
51 40.0 30.8 46.2
86 64.3 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.978 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034036.D
Acq: 28 Aug 2019 20:24

Tgt Ion: 65 Resp: 311512
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034036.D

Acq: 28 Aug 2019 20:24

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-A4-(0)

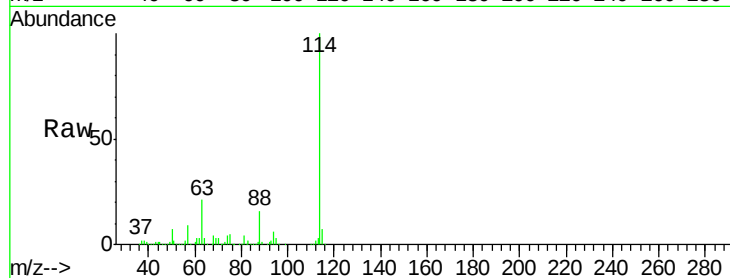
Tot Ion:114 Resp: 795506

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.0

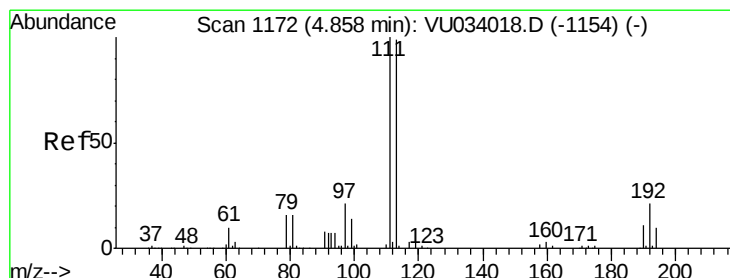
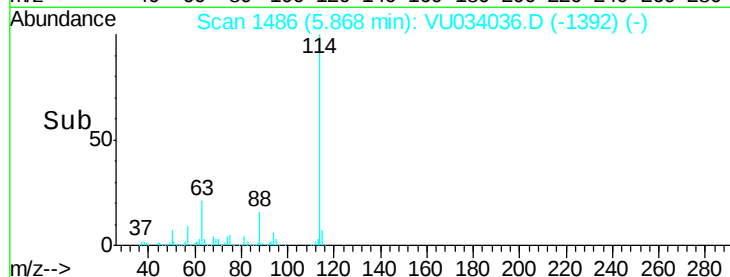
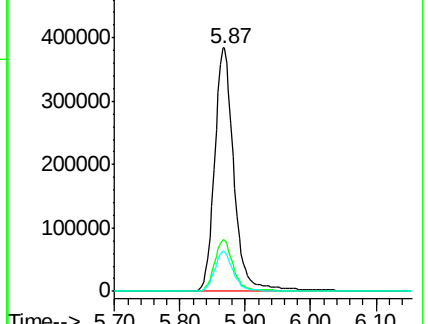
88 16.4 0.0 32.0



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: 46.006 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034036.D

Acq: 28 Aug 2019 20:24

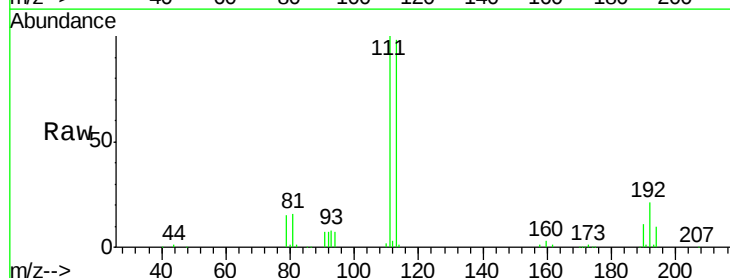
Tgt Ion:113 Resp: 253841

Ion Ratio Lower Upper

113 100

111 104.5 81.7 122.5

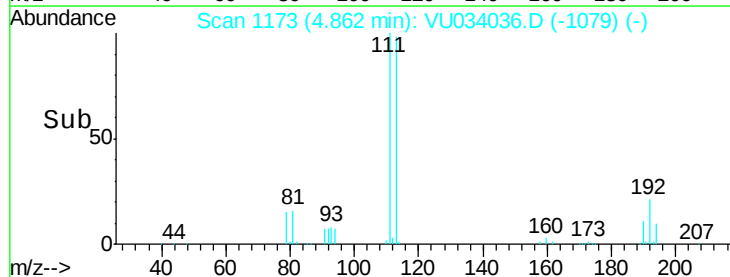
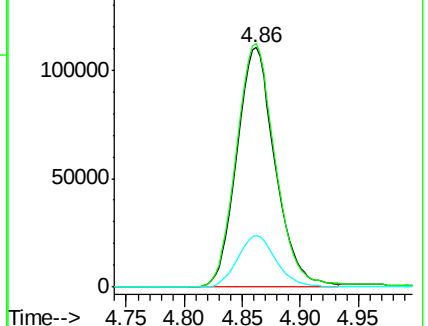
192 21.4 17.1 25.7

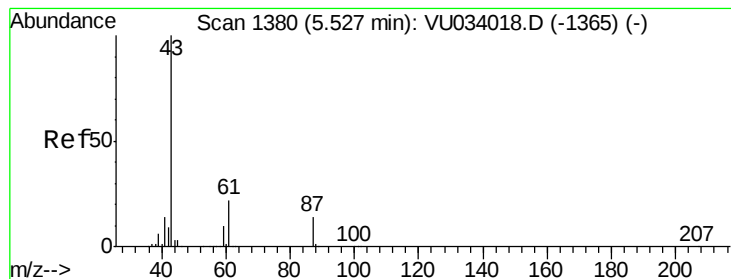


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.039 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034036.D

Acq: 28 Aug 2019 20:24

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-A4-(0)

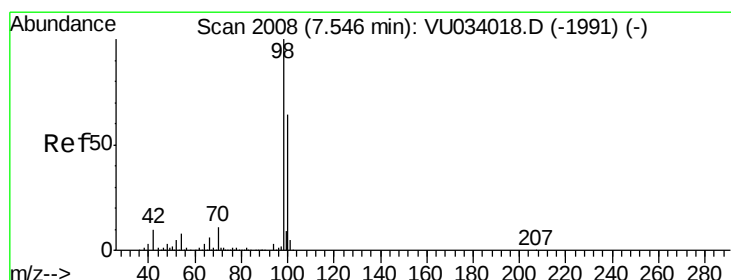
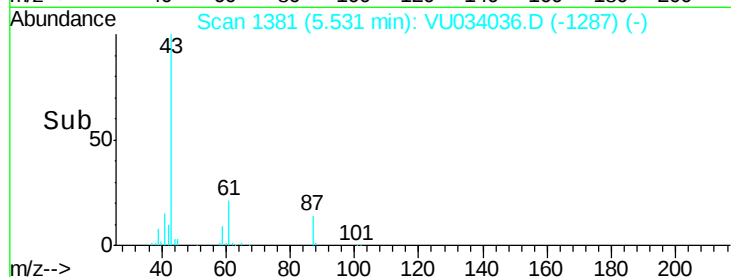
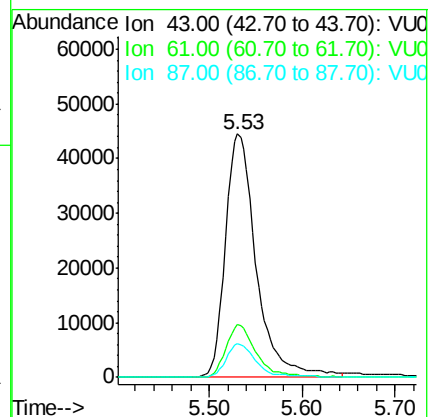
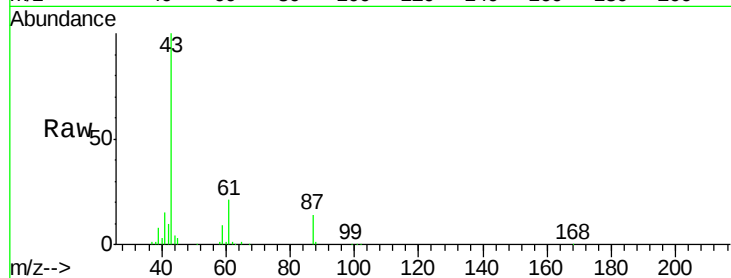
Tot Ion: 43 Resp: 103049

Ion Ratio Lower Upper

43 100

61 21.1 17.2 25.8

87 13.1 10.8 16.2



#50

Toluene-d8

Concen: 48.689 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034036.D

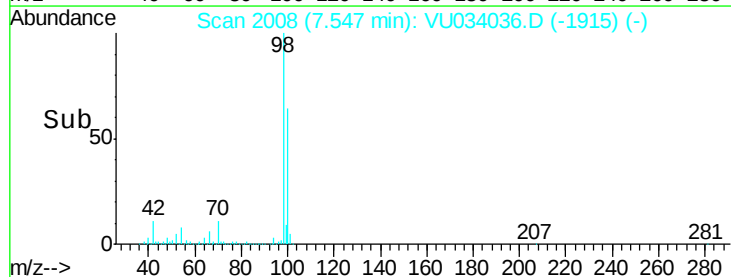
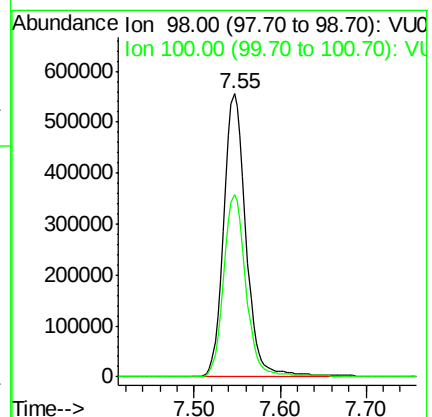
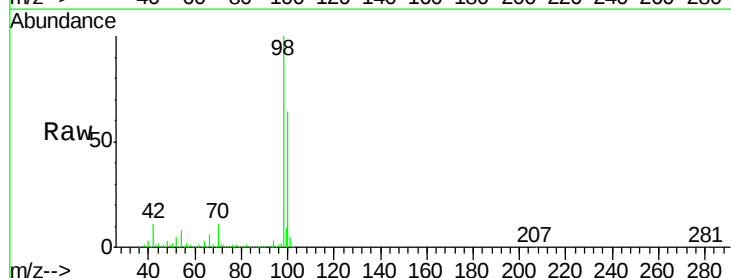
Acq: 28 Aug 2019 20:24

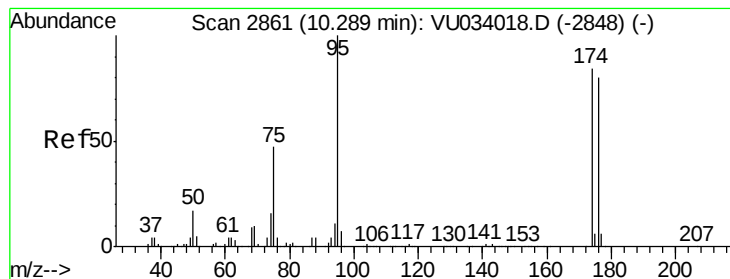
Tgt Ion: 98 Resp: 1005905

Ion Ratio Lower Upper

98 100

100 65.2 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 44.360 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034036.D

Acq: 28 Aug 2019 20:24

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-A4-(0)

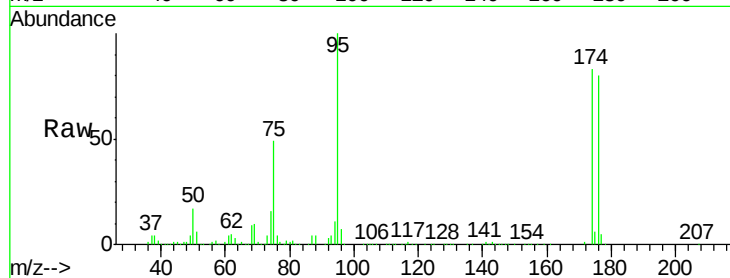
Tot Ion: 95 Resp: 356499

Ion Ratio Lower Upper

95 100

174 84.1 0.0 168.8

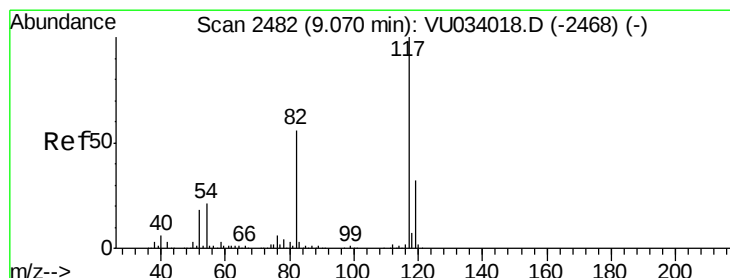
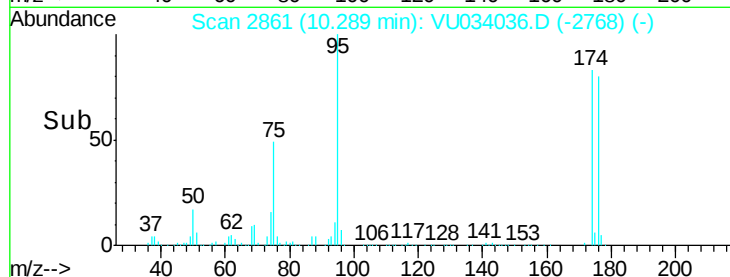
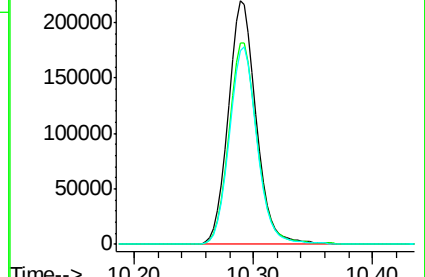
176 80.9 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034018.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU034018.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU034018.D (-2848) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034036.D

Acq: 28 Aug 2019 20:24

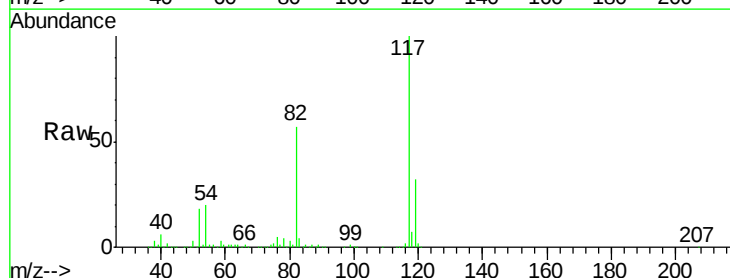
Tgt Ion: 117 Resp: 775217

Ion Ratio Lower Upper

117 100

82 56.7 45.1 67.7

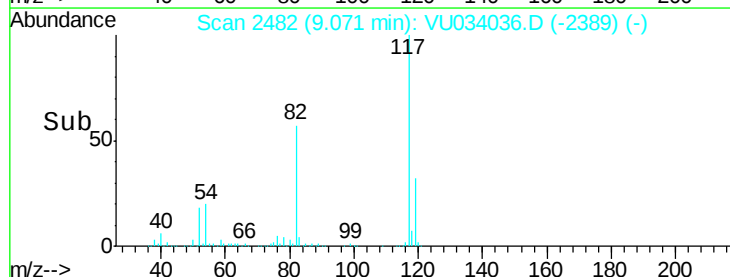
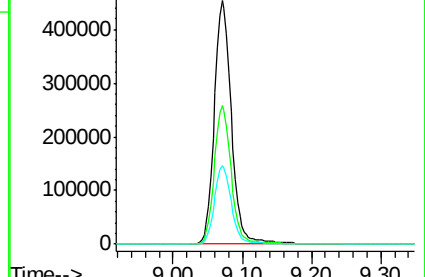
119 32.4 25.4 38.0

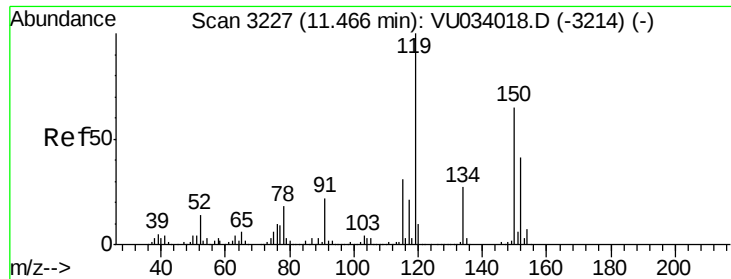


Abundance Ion 116.90 (116.60 to 117.60): VU034018.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034018.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034018.D (-2468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034036.D

Acq: 28 Aug 2019 20:24

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-A4-(0)

Tot Ion:152 Resp: 383344

Ion Ratio Lower Upper

152 100

115 57.1 41.1 123.3

150 156.7 0.0 348.8

