

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090419\
 Data File : VU034236.D
 Acq On : 03 Sep 2019 18:54
 Operator : JC/SP
 Sample : K4546-30
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-A-(0)

Quant Time: Sep 04 06:46:21 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

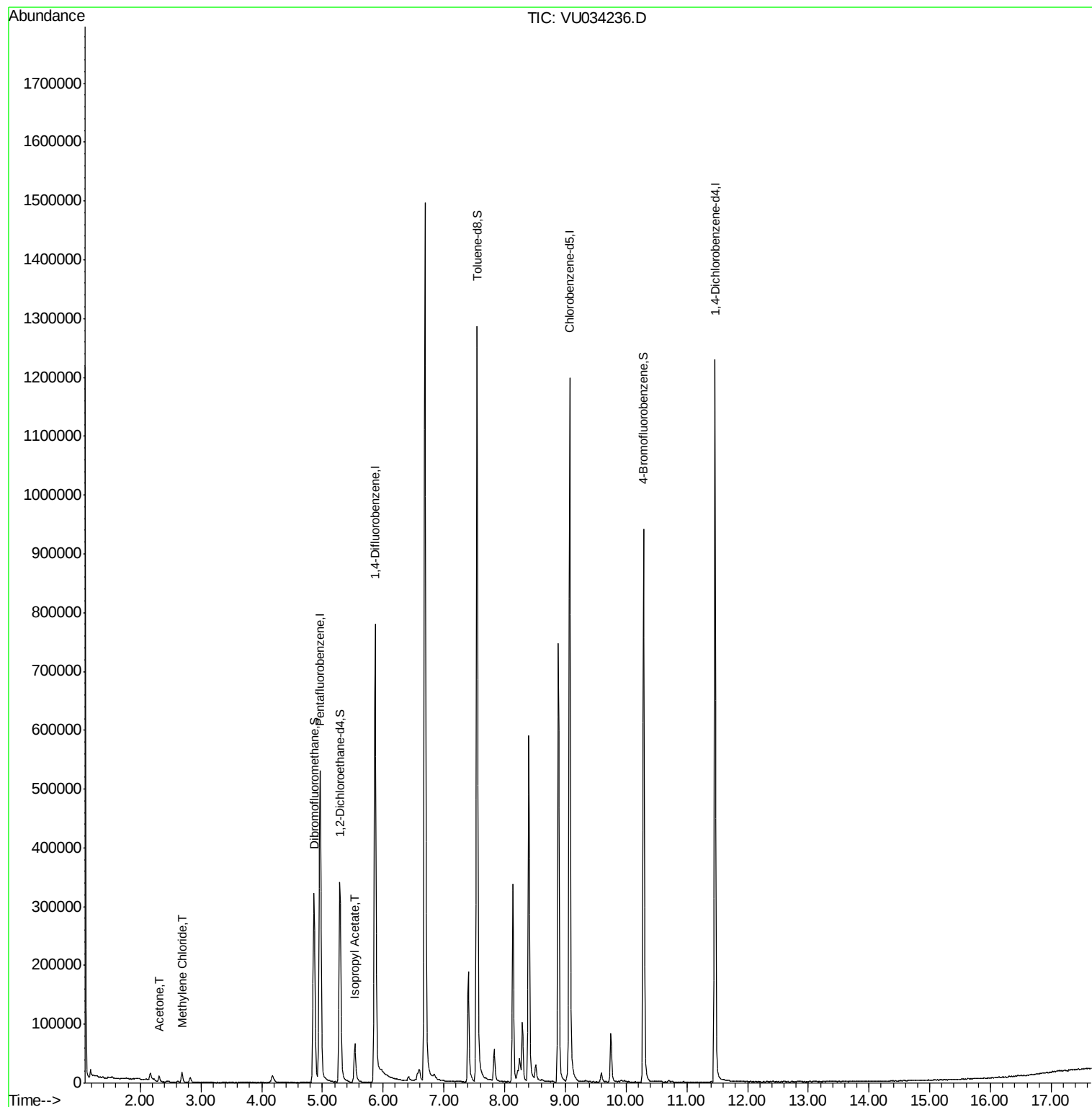
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	435878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	702009	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	699514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	344690	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	266902	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
35) Dibromofluoromethane	4.86	113	231134	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
50) Toluene-d8	7.55	98	913233	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	10.29	95	319967	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
Target Compounds						
16) Acetone	2.31	43	10360	3.635	ug/l	89
20) Methylene Chloride	2.69	84	7856	1.456	ug/l	98
43) Isopropyl Acetate	5.53	43	78576	6.946	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# 1205

Delta R.T. 0.01 min

Lab File: VU034236.D

Acq: 03 Sep 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

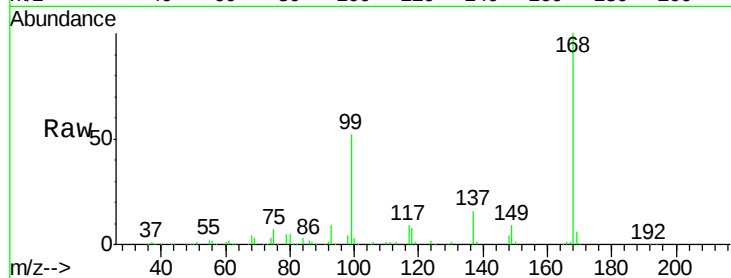
T3-S-A-(0)

Tot Ion:168 Resp: 435878

Ion Ratio Lower Upper

168 100

99 52.1 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

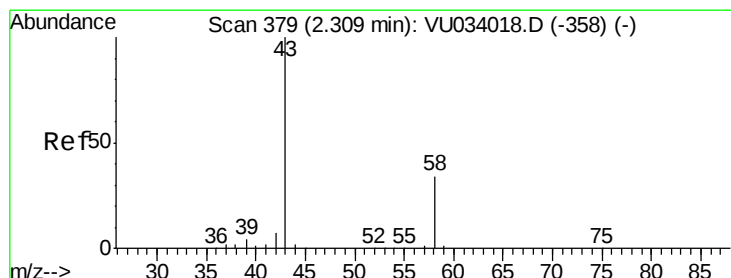
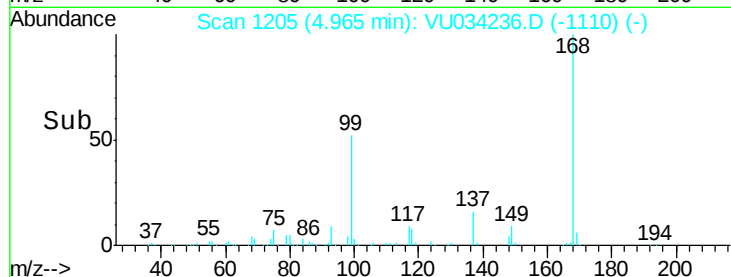
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 3.635 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034236.D

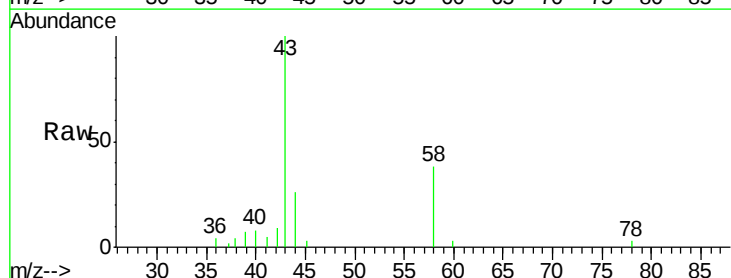
Acq: 03 Sep 2019 18:54

Tgt Ion: 43 Resp: 10360

Ion Ratio Lower Upper

43 100

58 39.6 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

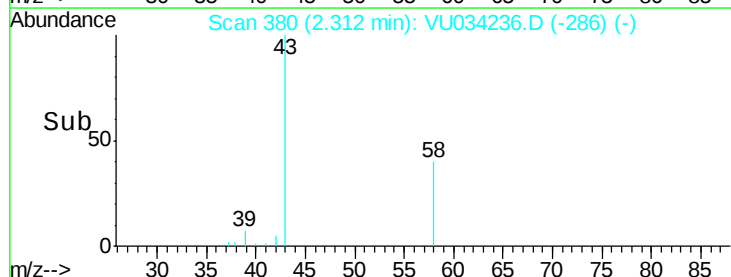
4000

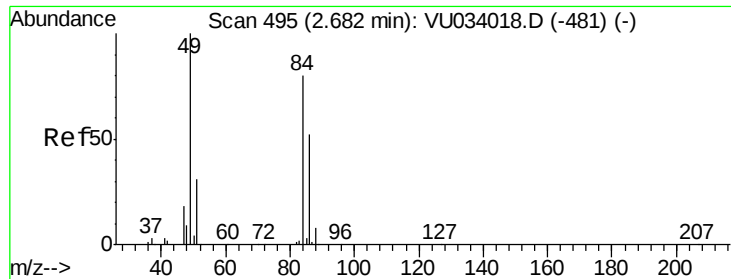
2000

0

2.25 2.30 2.35

Time-->

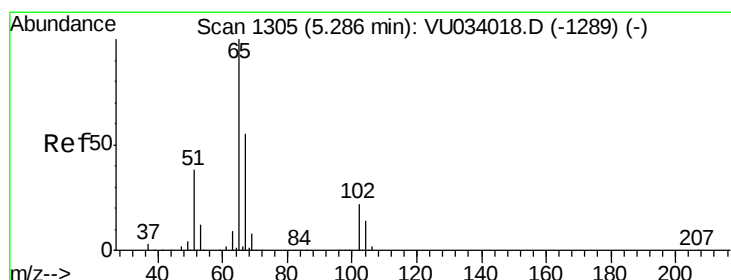
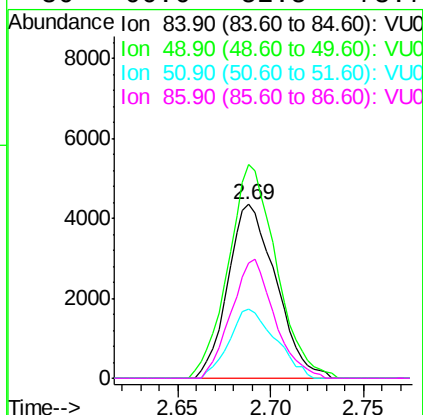
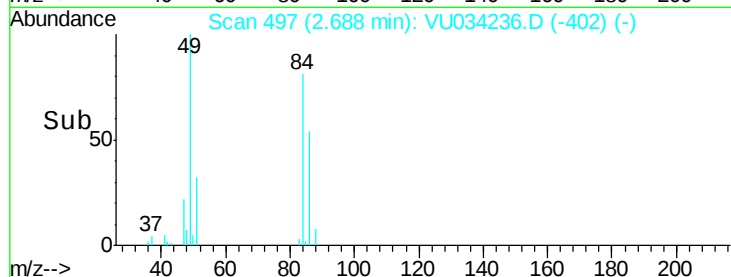
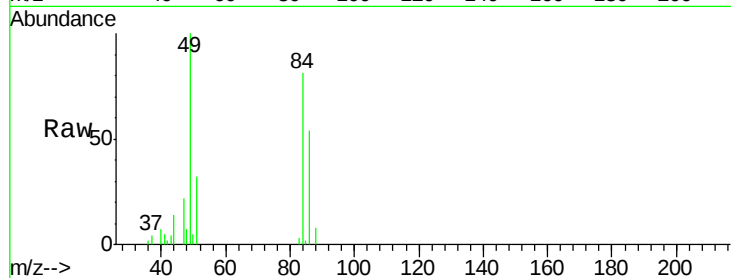




#20
Methvlene Chloride
Concen: 1.456 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034236.D
Acq: 03 Sep 2019 18:54

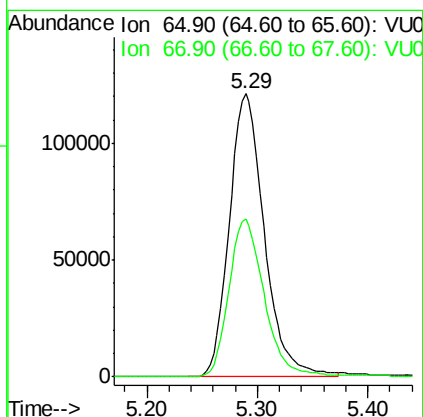
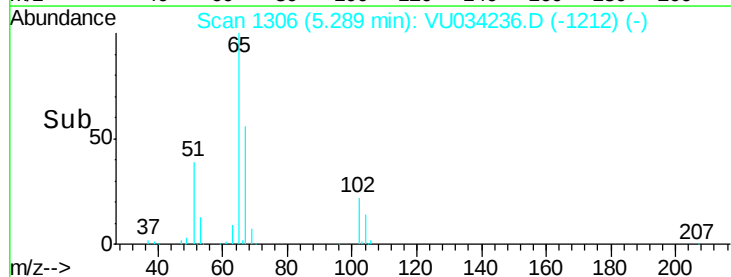
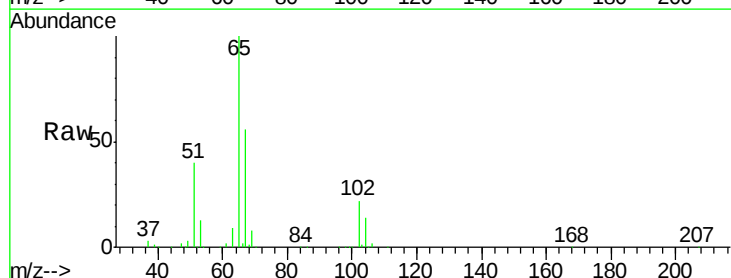
Instrument :
MSVOA_U
ClientSampleId :
T3-S-A(0)

Tot Ion:	84	Resp:	7856
Ion	Ratio	Lower	Upper
84	100		
49	122.9	100.2	150.4
51	39.6	30.8	46.2
86	66.6	52.5	78.7



#33
1,2-Dichloroethane-d4
Concen: 47.788 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034236.D
Acq: 03 Sep 2019 18:54

Tgt Ion:	65	Resp:	266902
Ion	Ratio	Lower	Upper
65	100		
67	56.4	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: VU034236.D

Acq: 03 Sep 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

T3-S-A(0)

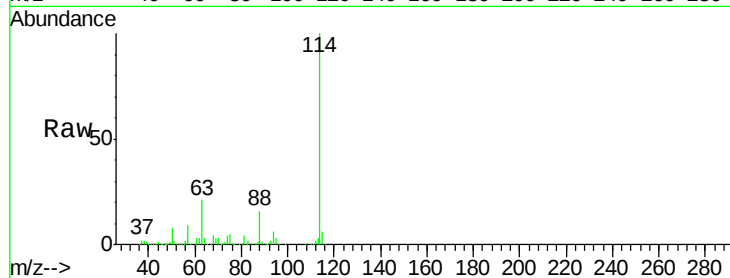
Tot Ion:114 Resp: 702009

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.0

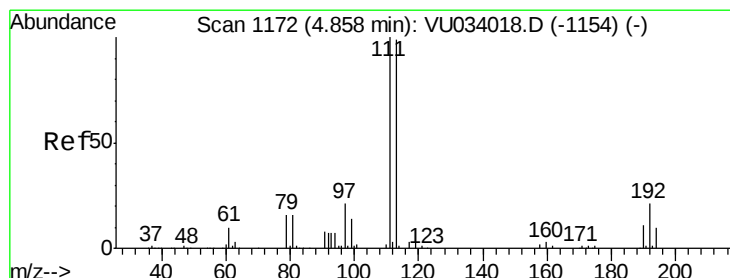
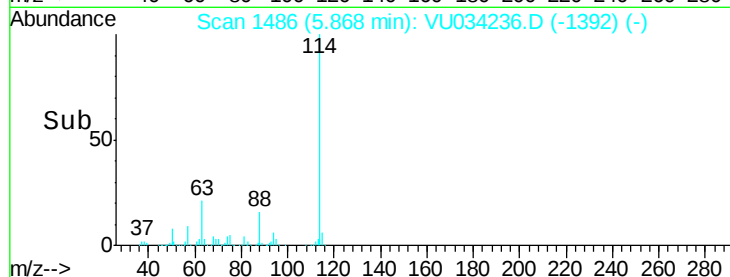
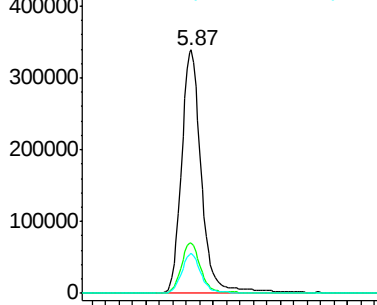
88 16.2 0.0 32.0



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: 47.470 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034236.D

Acq: 03 Sep 2019 18:54

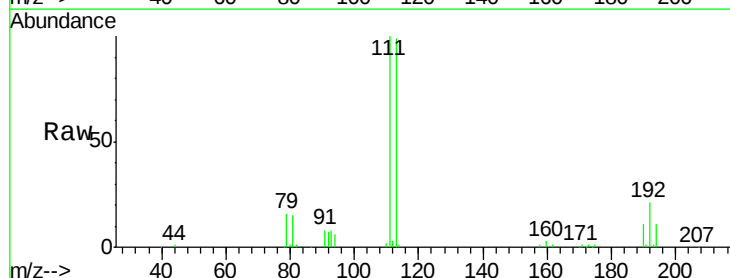
Tgt Ion:113 Resp: 231134

Ion Ratio Lower Upper

113 100

111 101.3 81.7 122.5

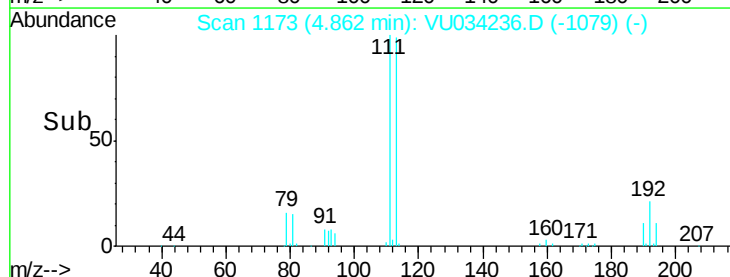
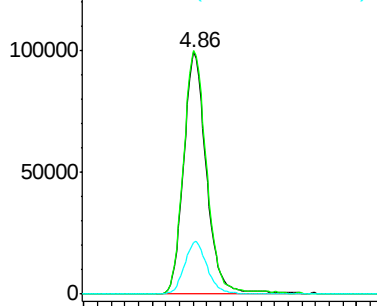
192 21.7 17.1 25.7

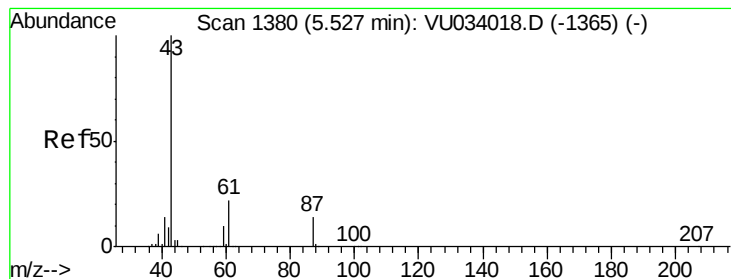


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.946 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034236.D

Acq: 03 Sep 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

T3-S-A-(0)

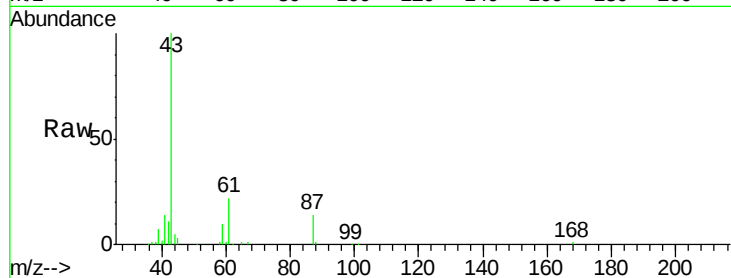
Tot Ion: 43 Resp: 78576

Ion Ratio Lower Upper

43 100

61 22.0 17.2 25.8

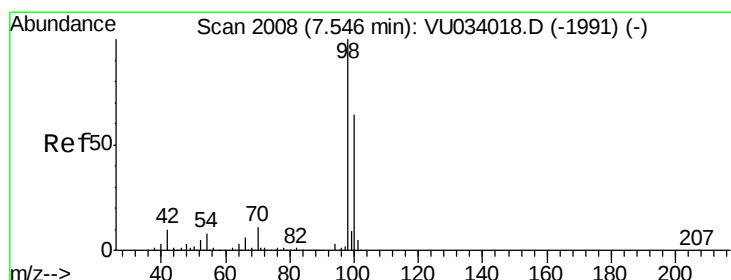
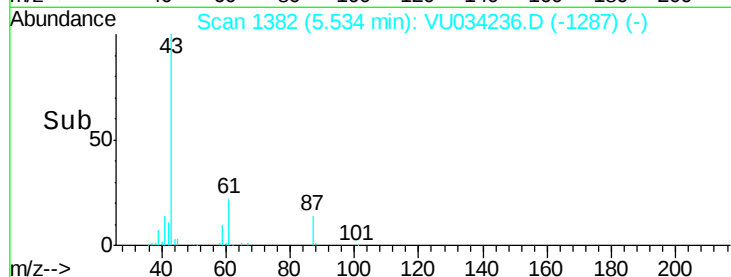
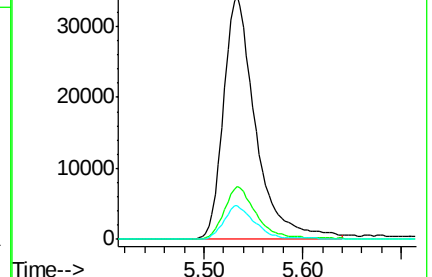
87 13.1 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034236.D (-1382) (-)

Ion 61.00 (60.70 to 61.70): VU034236.D (-1382) (-)

Ion 87.00 (86.70 to 87.70): VU034236.D (-1382) (-)



#50

Toluene-d8

Concen: 50.091 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034236.D

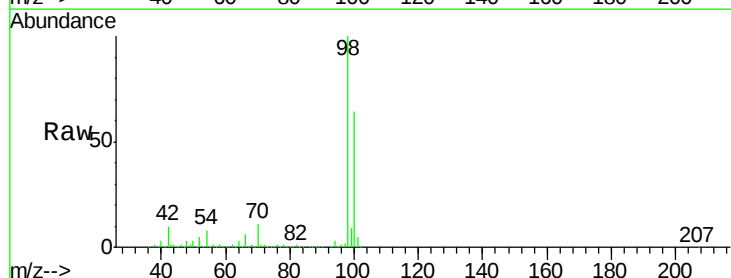
Acq: 03 Sep 2019 18:54

Tgt Ion: 98 Resp: 913233

Ion Ratio Lower Upper

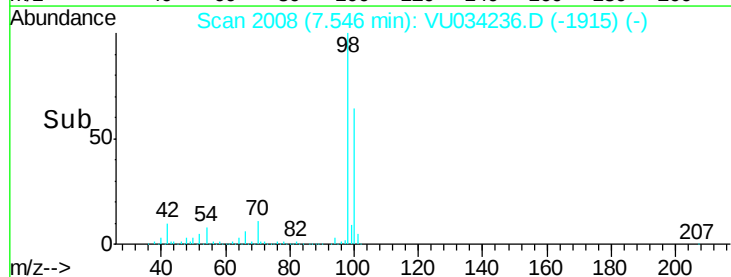
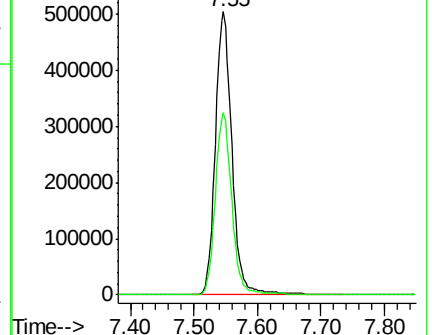
98 100

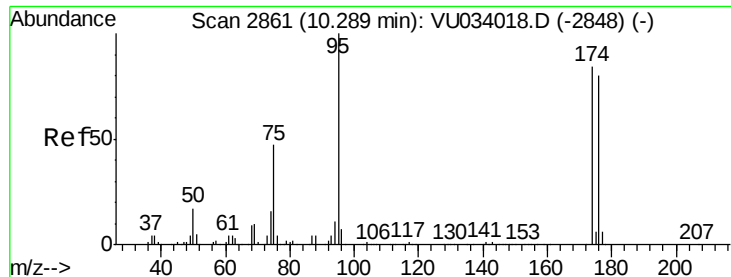
100 63.9 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034236.D (-2008) (-)

Ion 100.00 (99.70 to 100.70): VU034236.D (-2008) (-)





#62

4-Bromofluorobenzene

Concen: 45.117 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034236.D

Acq: 03 Sep 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

T3-S-A-(0)

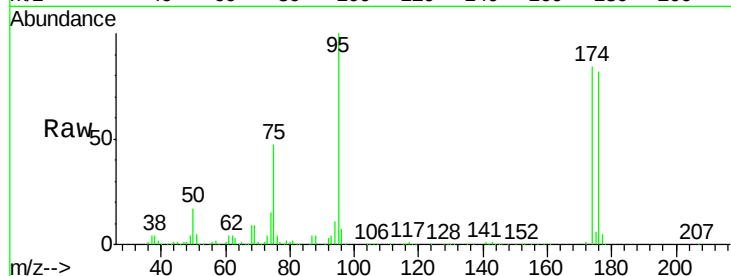
Tot Ion: 95 Resp: 319967

Ion Ratio Lower Upper

95 100

174 84.6 0.0 168.8

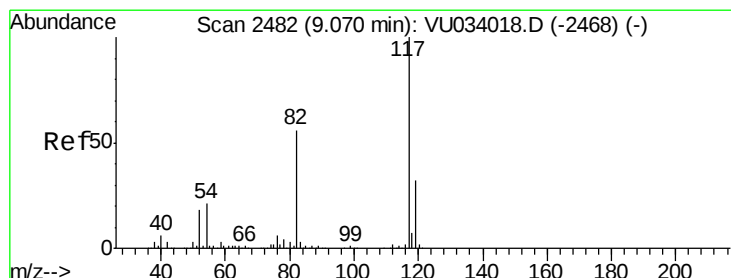
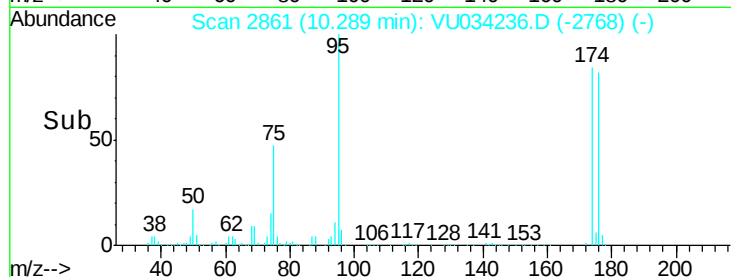
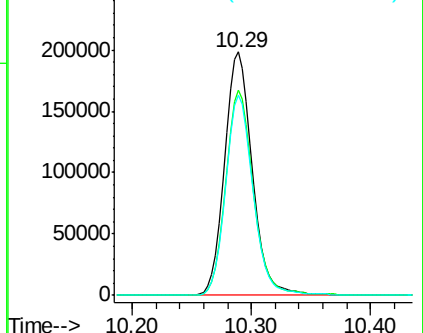
176 82.0 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034236.D

Acq: 03 Sep 2019 18:54

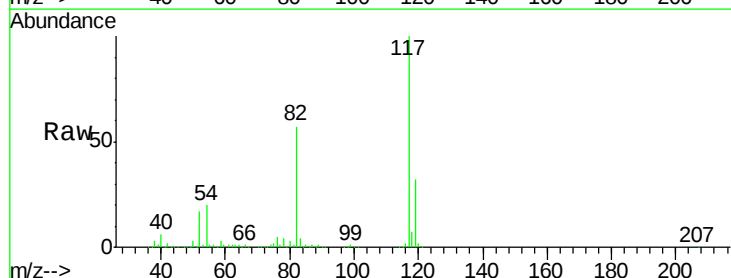
Tgt Ion: 117 Resp: 699514

Ion Ratio Lower Upper

117 100

82 56.6 45.1 67.7

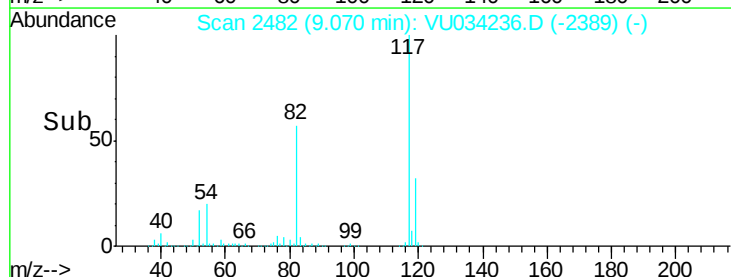
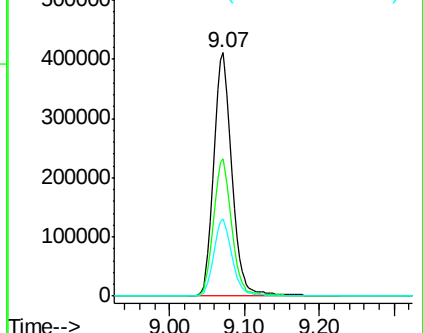
119 31.8 25.4 38.0

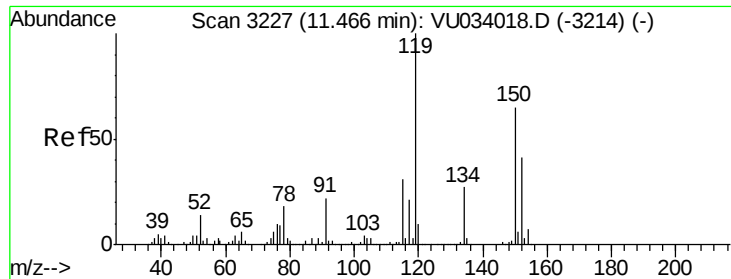


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034236.D

Acq: 03 Sep 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

T3-S-A-(0)

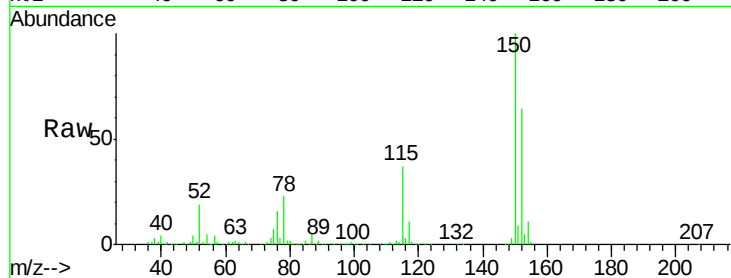
Tot Ion:152 Resp: 344690

Ion Ratio Lower Upper

152 100

115 56.5 41.1 123.3

150 156.3 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

