

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090419\
 Data File : VU034239.D
 Acq On : 03 Sep 2019 20:04
 Operator : JC/SP
 Sample : K4546-34
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B1-(2.5)

Quant Time: Sep 04 07:00:51 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

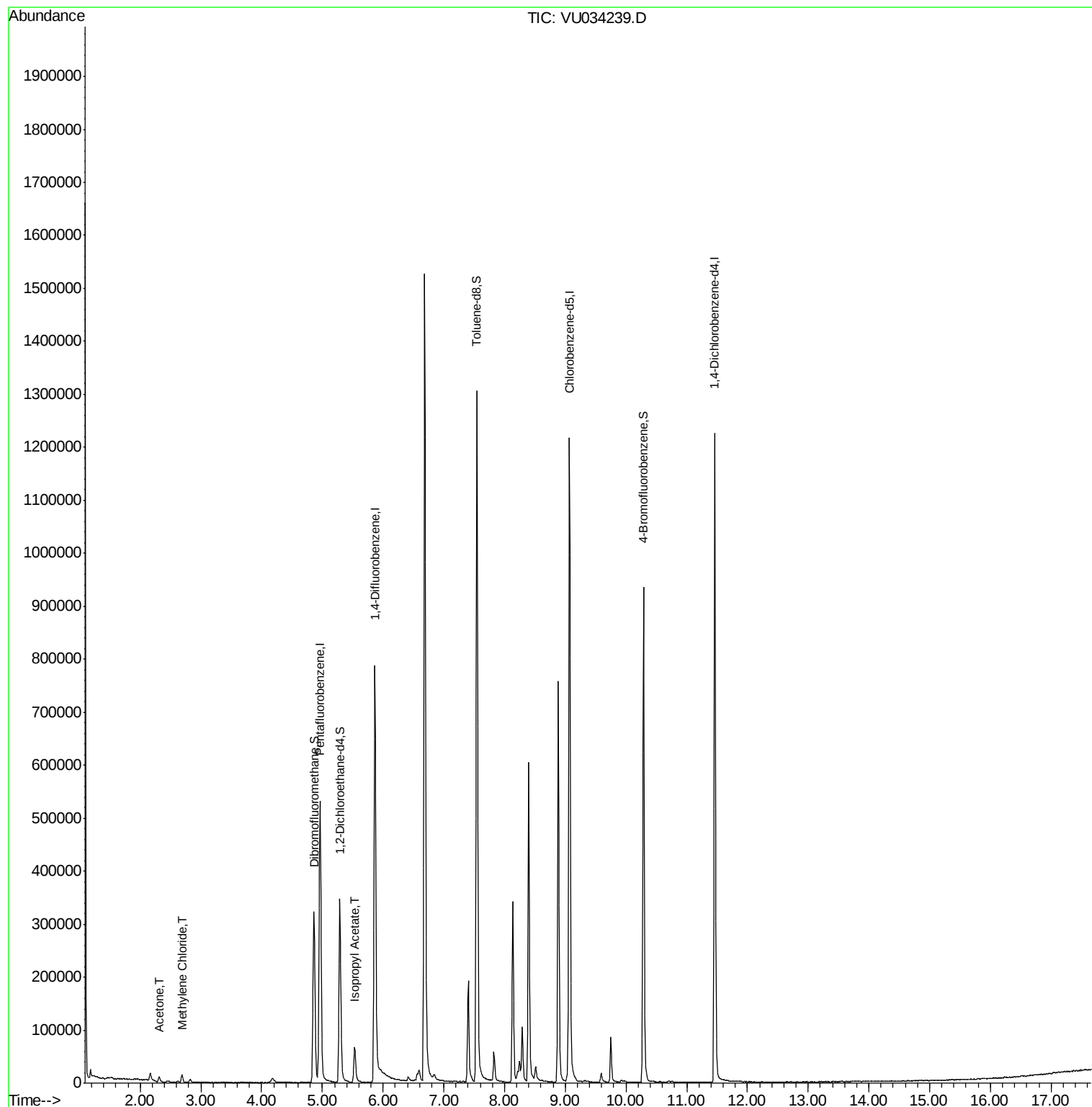
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	437368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	713950	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	710177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	345201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	274027	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
35) Dibromofluoromethane	4.86	113	231738	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	7.55	98	919491	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	10.29	95	321602	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
Target Compounds						
16) Acetone	2.31	43	11116	3.887	ug/l	98
20) Methylene Chloride	2.69	84	6456	1.193	ug/l	98
43) Isopropyl Acetate	5.53	43	81926	7.121	ug/l	98

(#) = 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: VU034239.D

Acq: 03 Sep 2019 20:04

Instrument :

MSVOA_U

ClientSampleId :

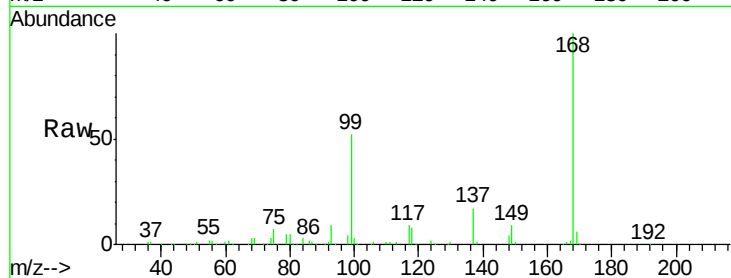
T3-S-B1-(2.5)

Tot Ion:168 Resp: 437368

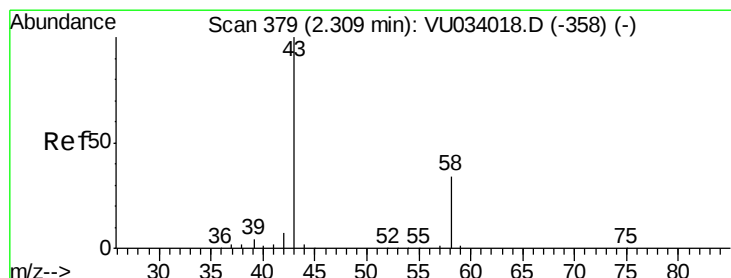
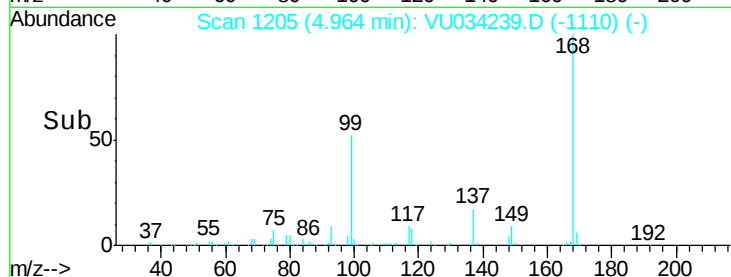
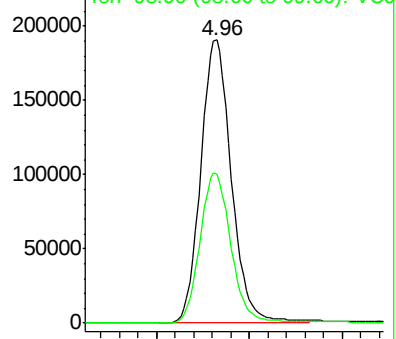
Ion Ratio Lower Upper

168 100

99 52.5 42.3 63.5



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



#16

Acetone

Concen: 3.887 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034239.D

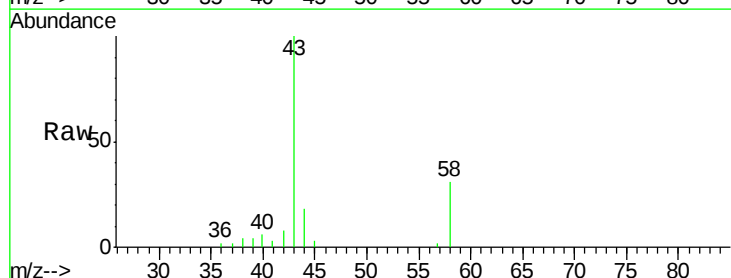
Acq: 03 Sep 2019 20:04

Tgt Ion: 43 Resp: 11116

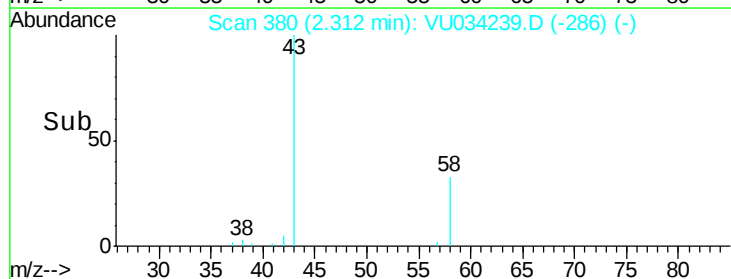
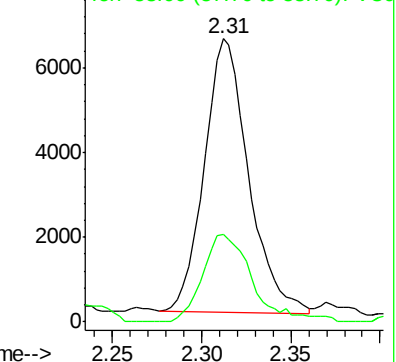
Ion Ratio Lower Upper

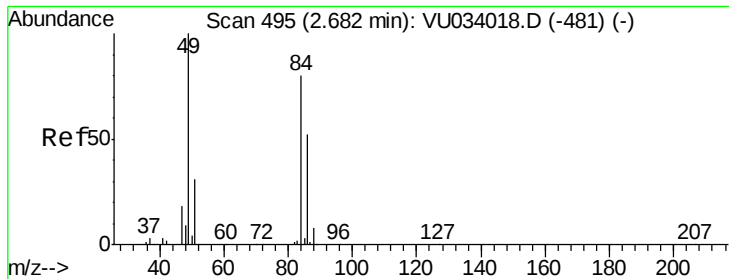
43 100

58 32.3 26.8 40.2



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

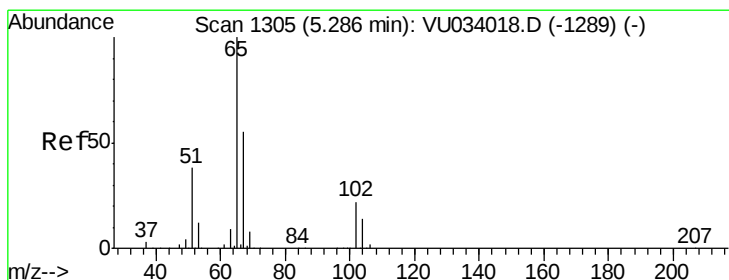
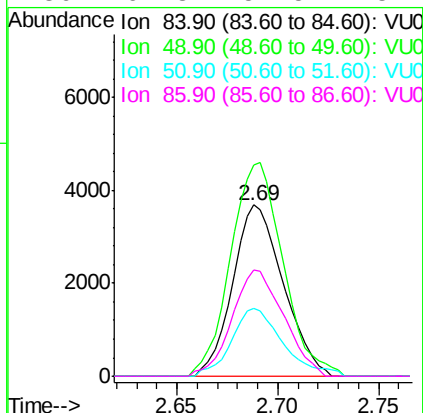
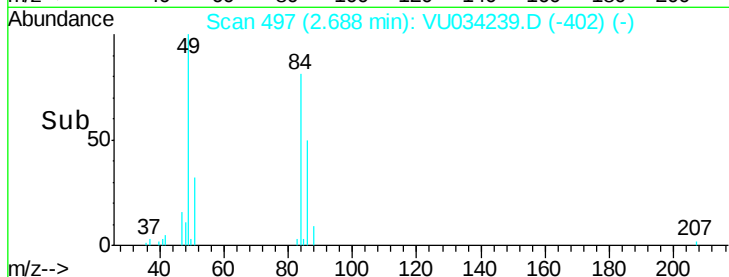
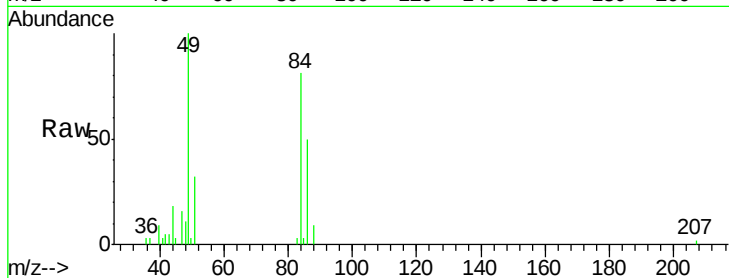




#20
Methvlene Chloride
Concen: 1.193 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034239.D
Acq: 03 Sep 2019 20:04

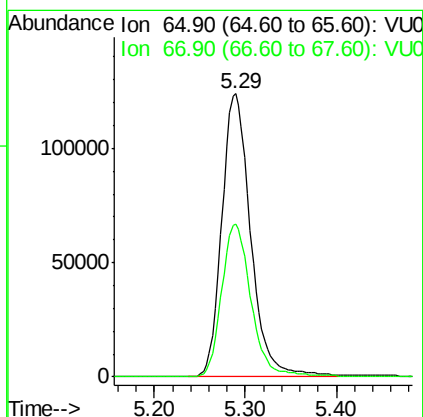
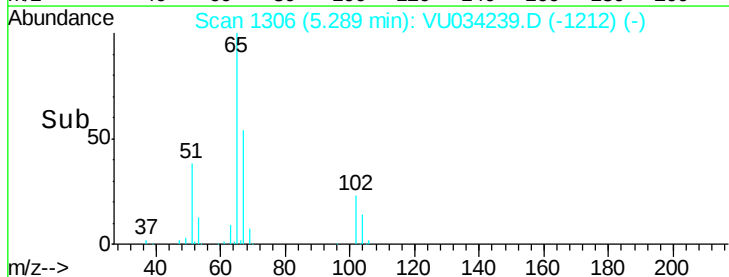
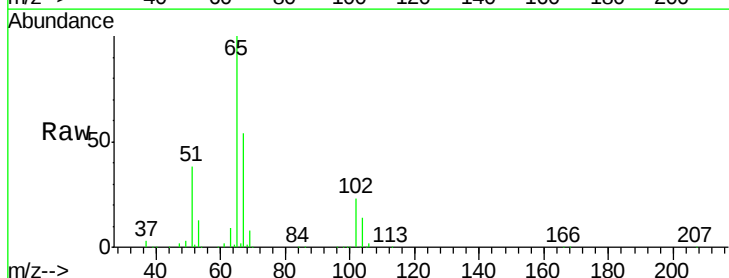
Instrument :
MSVOA_U
ClientSampleId :
T3-S-B1-(2.5)

Tot Ion: 84 Resp: 6456
Ion Ratio Lower Upper
84 100
49 123.5 100.2 150.4
51 39.9 30.8 46.2
86 62.3 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.897 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034239.D
Acq: 03 Sep 2019 20:04

Tgt Ion: 65 Resp: 274027
Ion Ratio Lower Upper
65 100
67 55.0 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: VU034239.D

Acq: 03 Sep 2019 20:04

Instrument :

MSVOA_U

ClientSampleId :

T3-S-B1-(2.5)

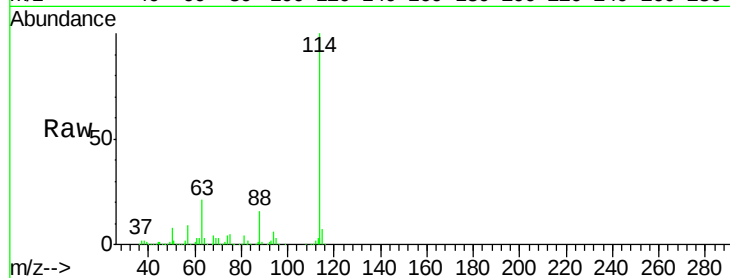
Tot Ion:114 Resp: 713950

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.0

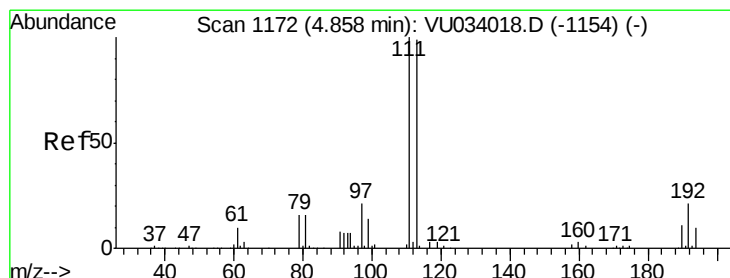
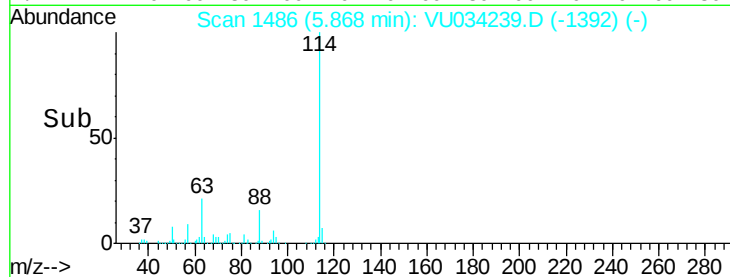
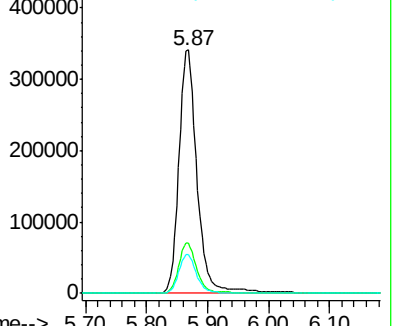
88 15.9 0.0 32.0



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: 46.798 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034239.D

Acq: 03 Sep 2019 20:04

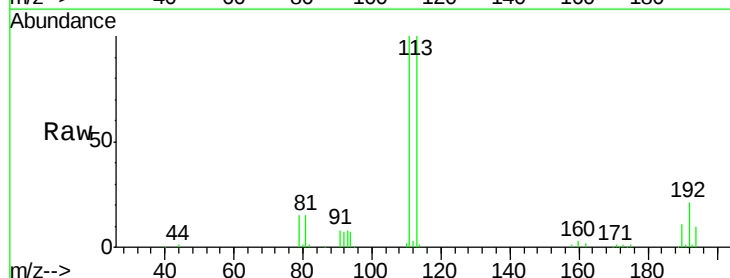
Tgt Ion:113 Resp: 231738

Ion Ratio Lower Upper

113 100

111 102.2 81.7 122.5

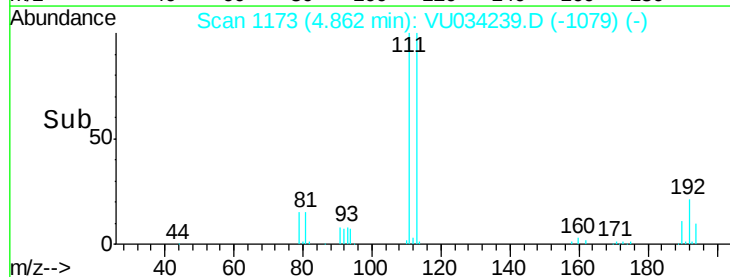
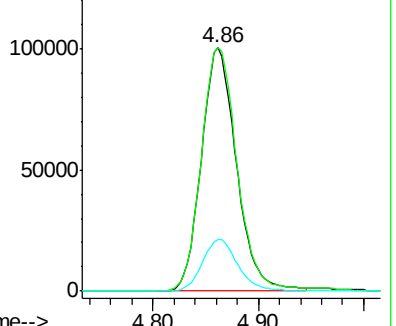
192 21.6 17.1 25.7



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: 7.121 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034239.D

Acq: 03 Sep 2019 20:04

Instrument :

MSVOA_U

ClientSampleId :

T3-S-B1-(2.5)

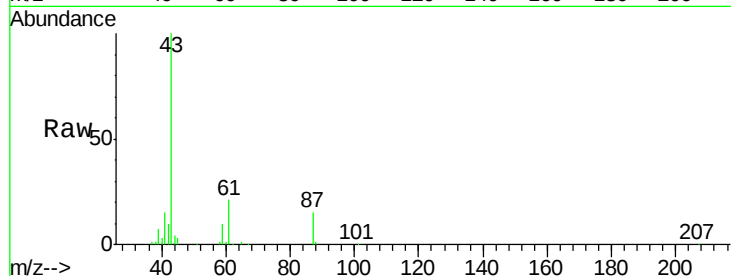
Tot Ion: 43 Resp: 81926

Ion Ratio Lower Upper

43 100

61 20.4 17.2 25.8

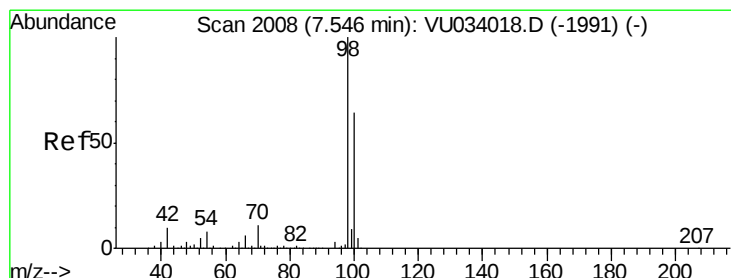
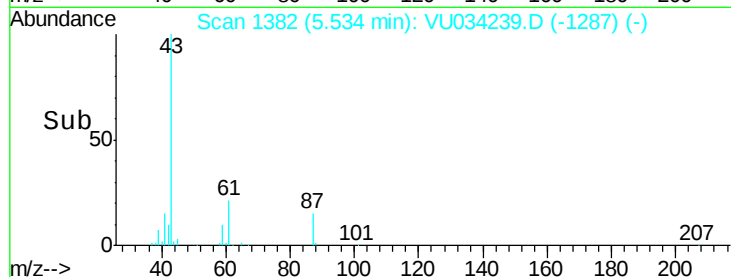
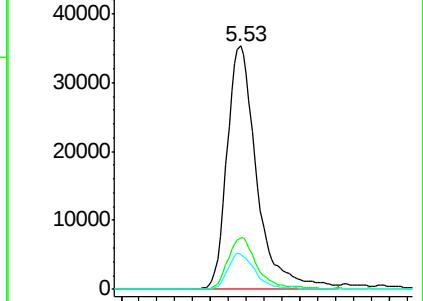
87 13.3 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034239.D (-1382) (-)

Ion 61.00 (60.70 to 61.70): VU034239.D (-1382) (-)

Ion 87.00 (86.70 to 87.70): VU034239.D (-1382) (-)



#50

Toluene-d8

Concen: 49.590 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034239.D

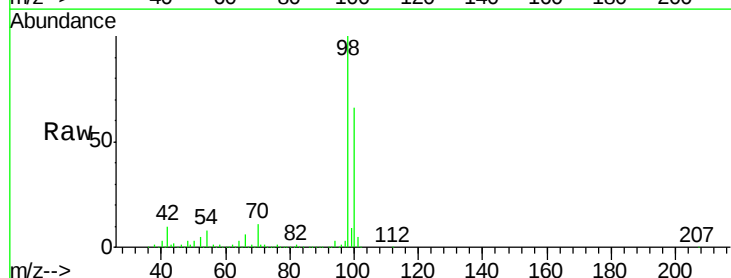
Acq: 03 Sep 2019 20:04

Tgt Ion: 98 Resp: 919491

Ion Ratio Lower Upper

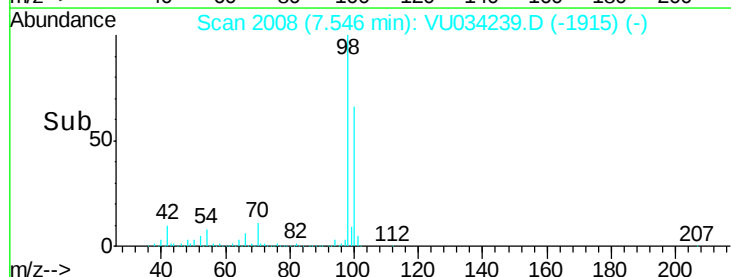
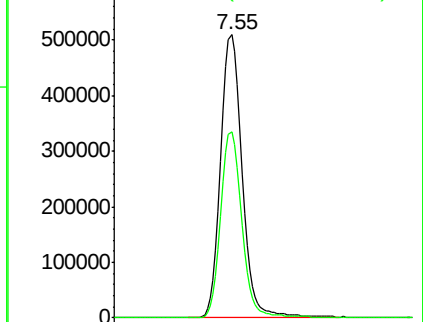
98 100

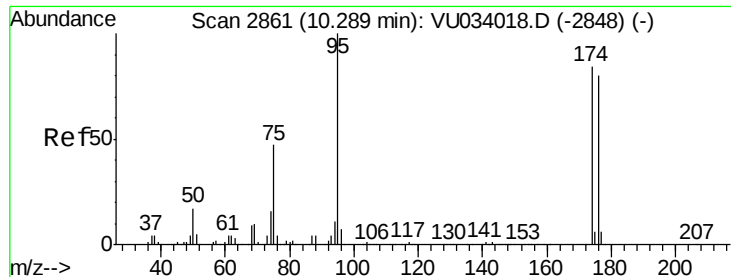
100 65.0 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034239.D (-2008) (-)

Ion 100.00 (99.70 to 100.70): VU034239.D (-2008) (-)





#62

4-Bromofluorobenzene

Concen: 44.589 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034239.D

Acq: 03 Sep 2019 20:04

Instrument :

MSVOA_U

ClientSampleId :

T3-S-B1-(2.5)

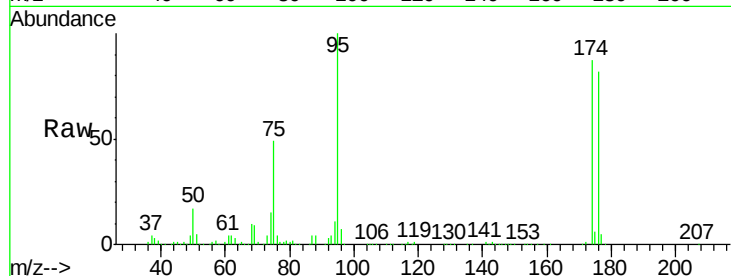
Tot Ion: 95 Resp: 321602

Ion Ratio Lower Upper

95 100

174 86.1 0.0 168.8

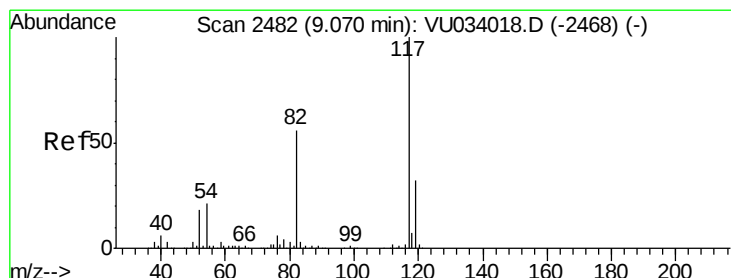
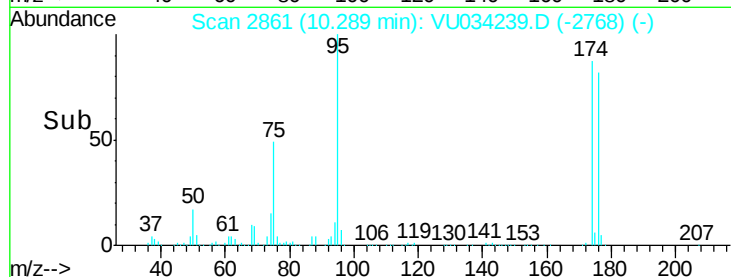
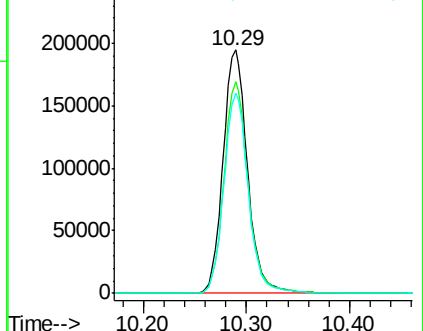
176 82.0 0.0 161.8



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: VU034239.D

Acq: 03 Sep 2019 20:04

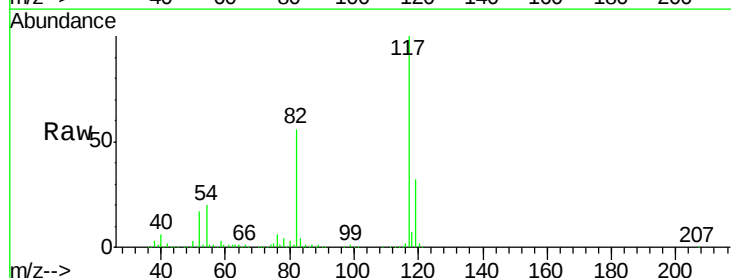
Tgt Ion: 117 Resp: 710177

Ion Ratio Lower Upper

117 100

82 55.9 45.1 67.7

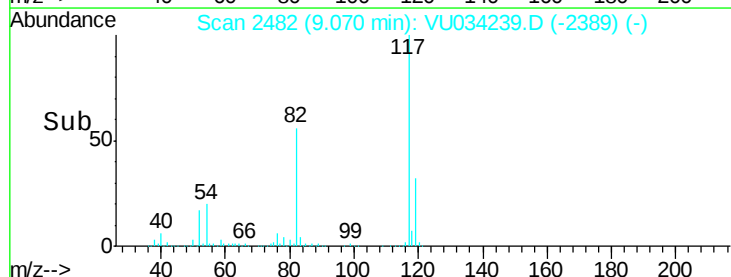
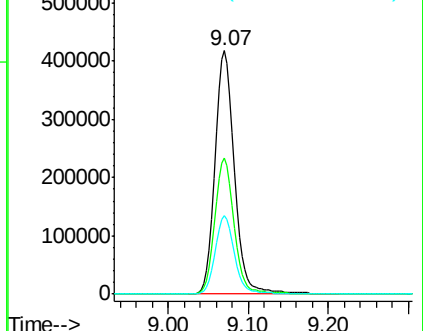
119 32.1 25.4 38.0

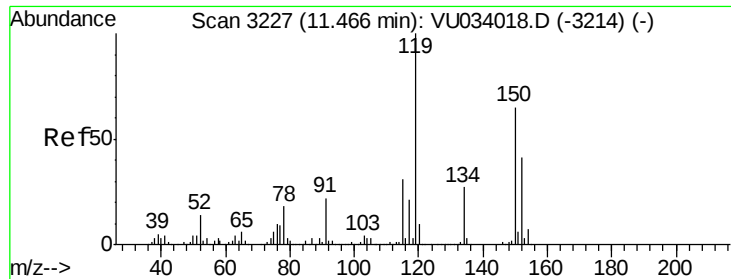


Abundance Ion 116.90 (116.60 to 117.60): VU034018.D (-2468) (-)

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: 11.46 min Scan# 3226
 Delta R.T. -0.00 min
 Lab File: VU034239.D
 Acq: 03 Sep 2019 20:04

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-S-B1-(2.5)

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.5	41.1	123.3
150	157.1	0.0	348.8

