

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082919\
 Data File : VU034047.D
 Acq On : 29 Aug 2019 00:40
 Operator : JC/SP
 Sample : K4525-37
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-B3-(1.9)

Quant Time: Aug 29 05:34:59 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

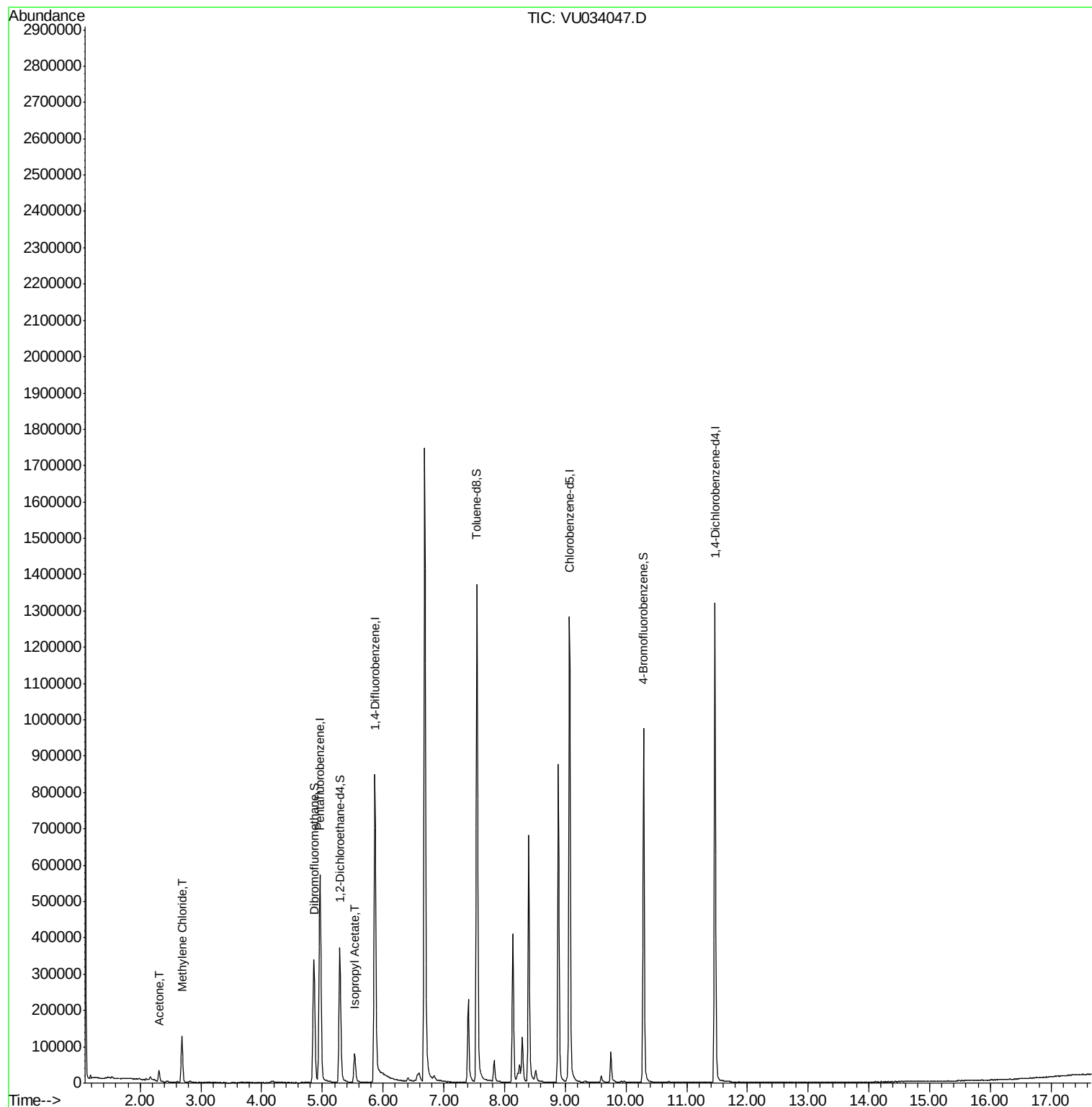
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	466013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	751011	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	740853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	360803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	296613	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
35) Dibromofluoromethane	4.86	113	243259	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
50) Toluene-d8	7.55	98	963595	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	10.29	95	335538	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
Target Compounds						
16) Acetone	2.31	43	33298	10.929	ug/l	100
20) Methylene Chloride	2.69	84	56050	9.718	ug/l	99
43) Isopropyl Acetate	5.53	43	93432	7.720	ug/l	98

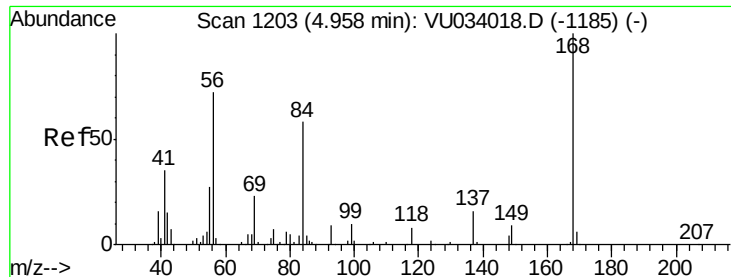
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034047.D

Acq: 29 Aug 2019 00:40

Instrument :

MSVOA_U

ClientSampleId :

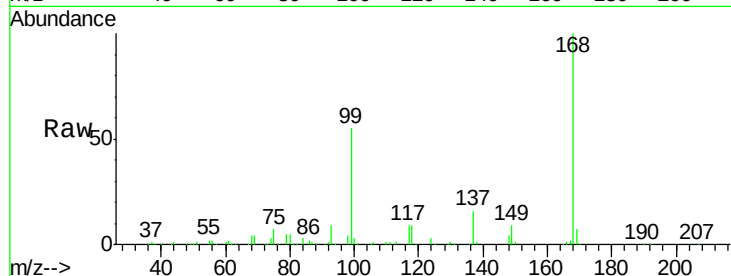
T9-12-13-B3-(1.9)

Tot Ion:168 Resp: 466013

Ion Ratio Lower Upper

168 100

99 55.2 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

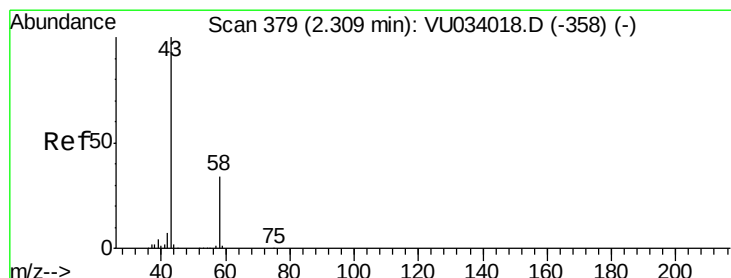
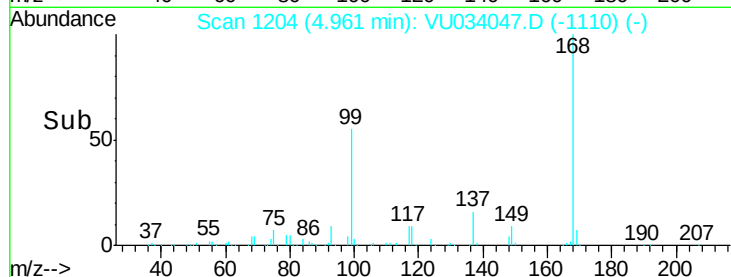
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 10.929 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034047.D

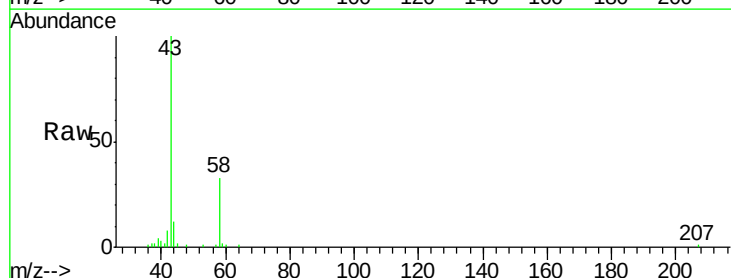
Acq: 29 Aug 2019 00:40

Tgt Ion: 43 Resp: 33298

Ion Ratio Lower Upper

43 100

58 33.2 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

20000

15000

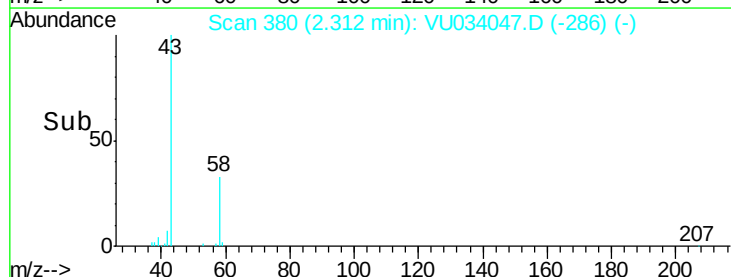
10000

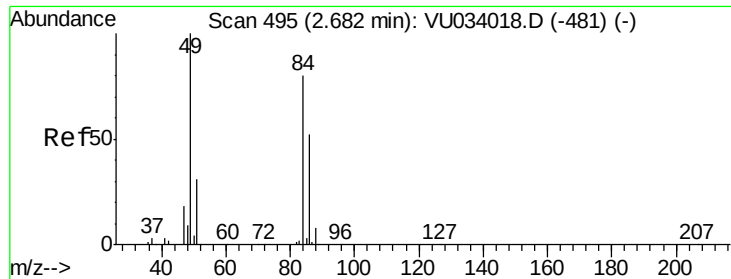
5000

0

2.25 2.30 2.35 2.40

Time-->

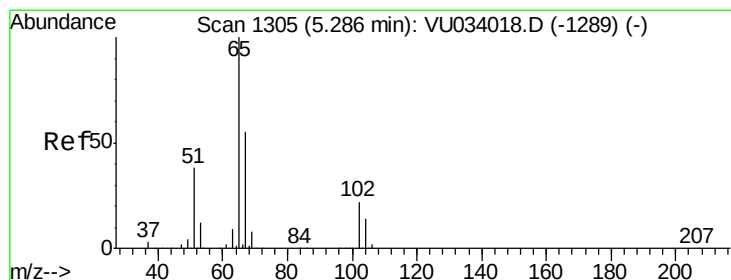
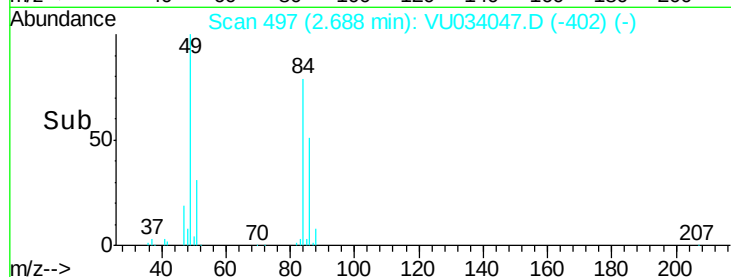
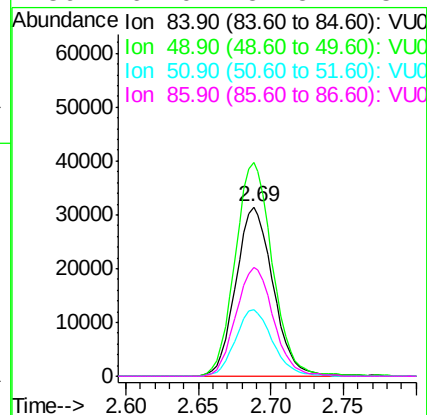
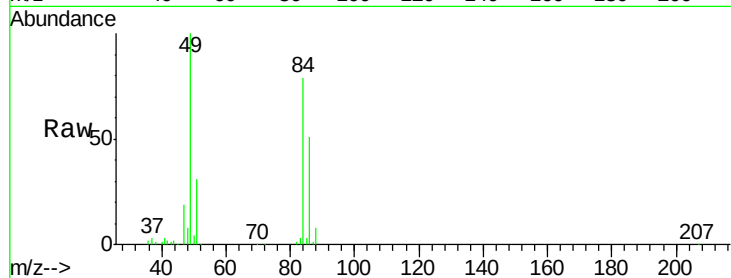




#20
Methvlene Chloride
Concen: 9.718 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034047.D
Acq: 29 Aug 2019 00:40

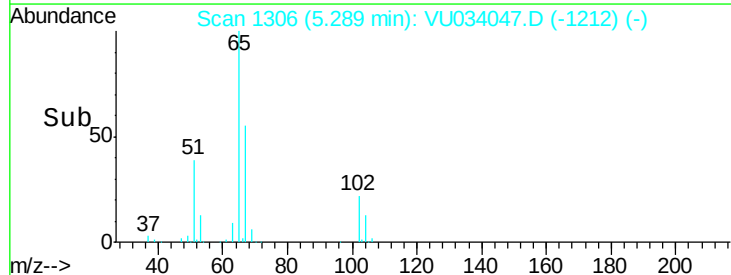
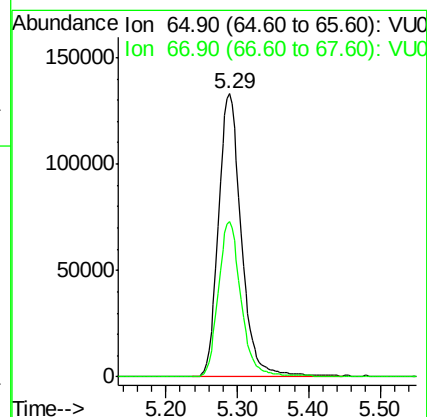
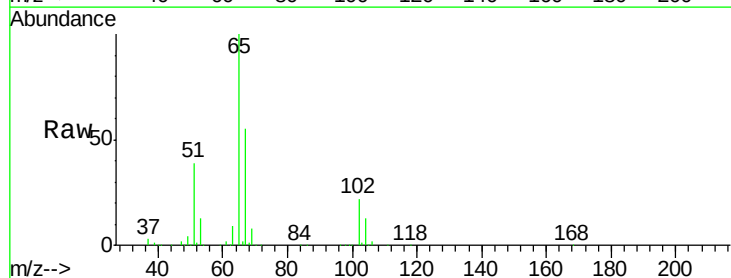
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-B3-(1.9)

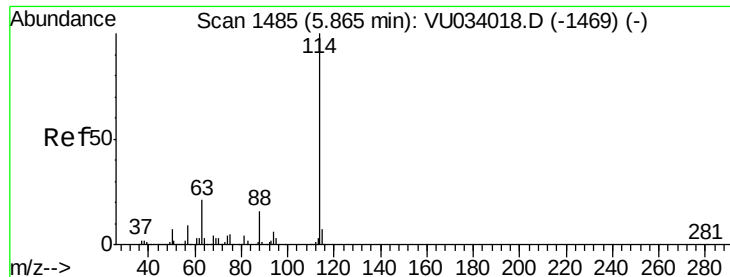
Tot Ion: 84 Resp: 56050
Ion Ratio Lower Upper
84 100
49 126.1 100.2 150.4
51 39.5 30.8 46.2
86 64.0 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.674 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034047.D
Acq: 29 Aug 2019 00:40

Tgt Ion: 65 Resp: 296613
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.6

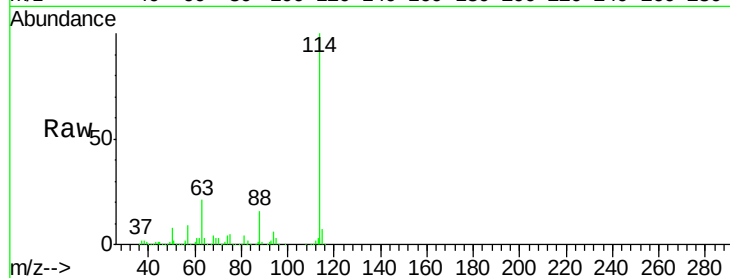




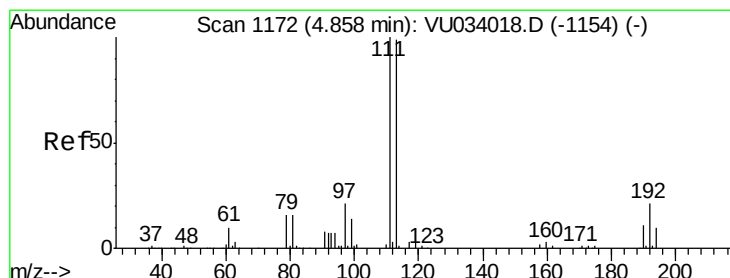
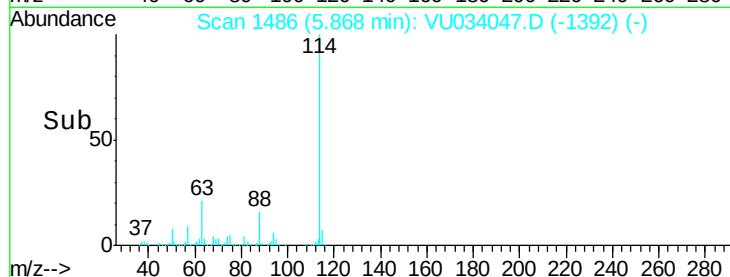
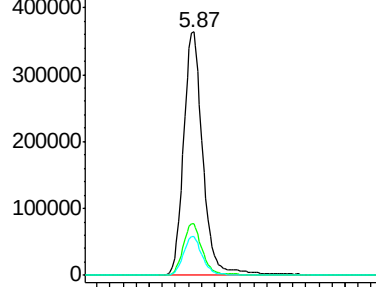
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034047.D
 Acq: 29 Aug 2019 00:40

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-B3-(1.9)

Tot Ion:114 Resp: 751011
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.0
 88 16.0 0.0 32.0

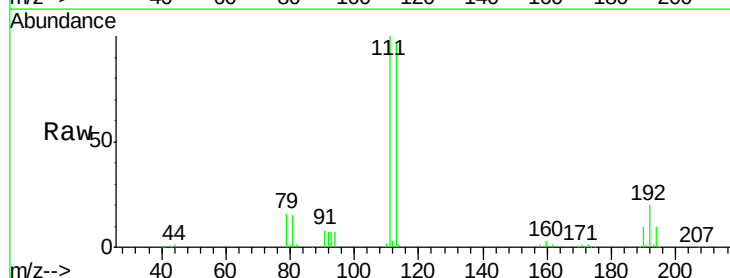


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

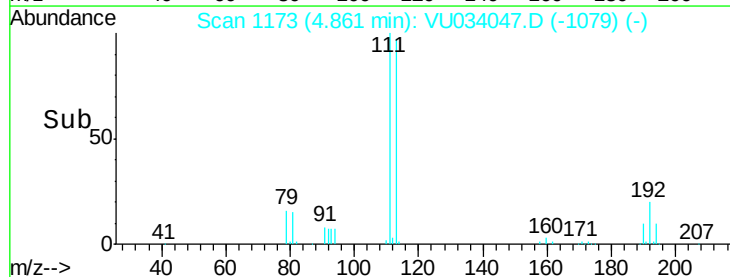
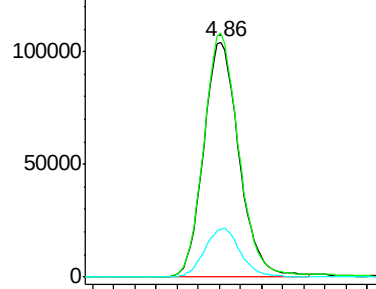


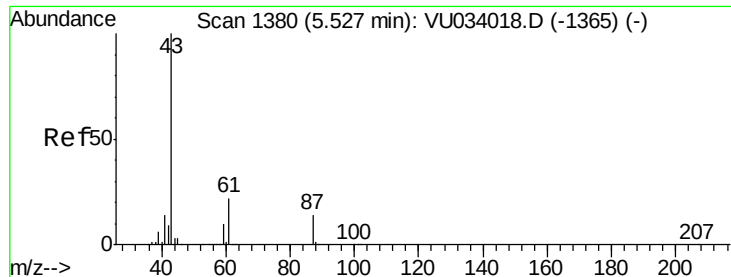
#35
 Dibromofluoromethane
 Concen: 46.700 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034047.D
 Acq: 29 Aug 2019 00:40

Tgt Ion:113 Resp: 243259
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 20.9 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: 7.720 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034047.D

Acq: 29 Aug 2019 00:40

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-B3-(1.9)

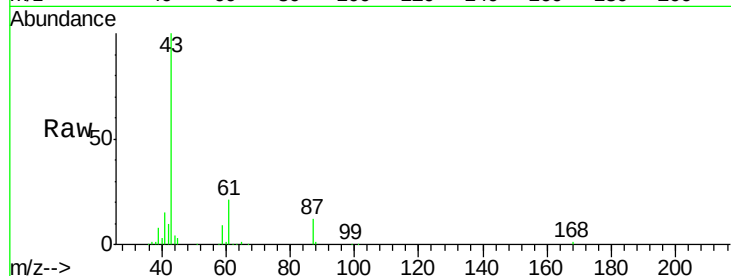
Tot Ion: 43 Resp: 93432

Ion Ratio Lower Upper

43 100

61 20.4 17.2 25.8

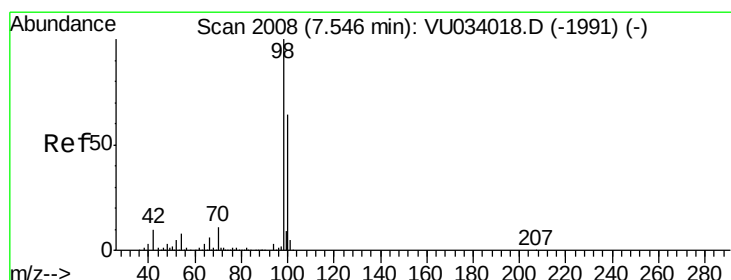
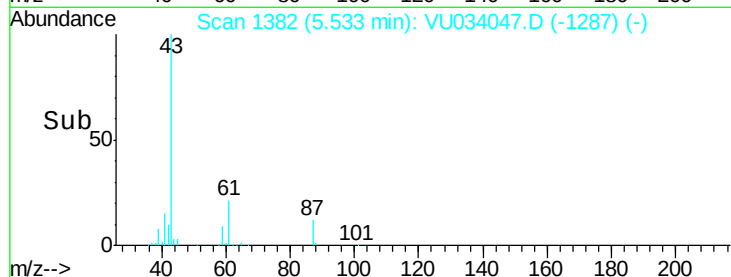
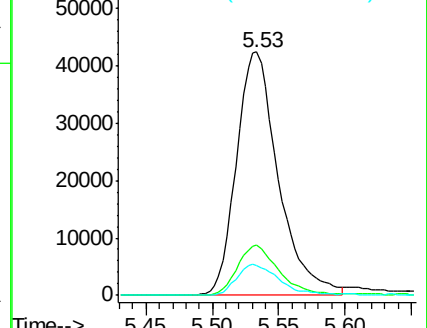
87 12.8 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU034018.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU034018.D (-1365) (-)



#50

Toluene-d8

Concen: 49.404 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034047.D

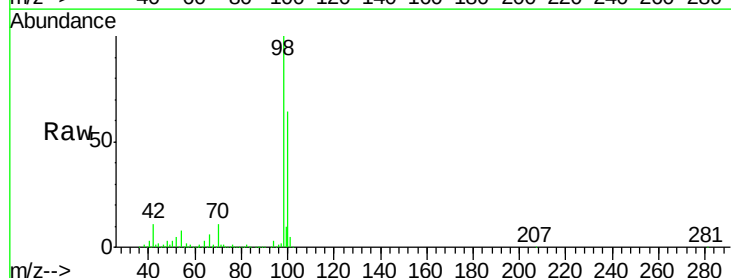
Acq: 29 Aug 2019 00:40

Tgt Ion: 98 Resp: 963595

Ion Ratio Lower Upper

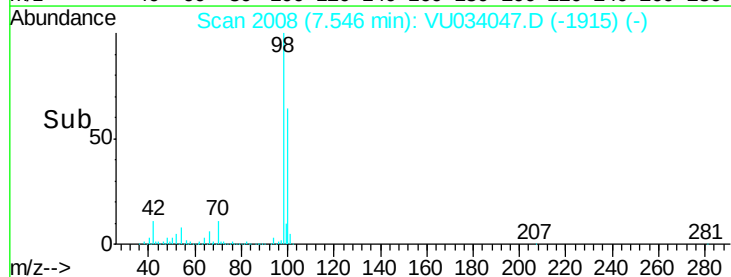
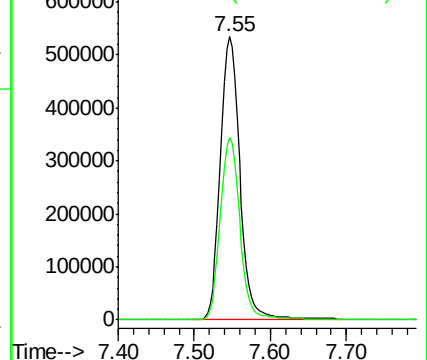
98 100

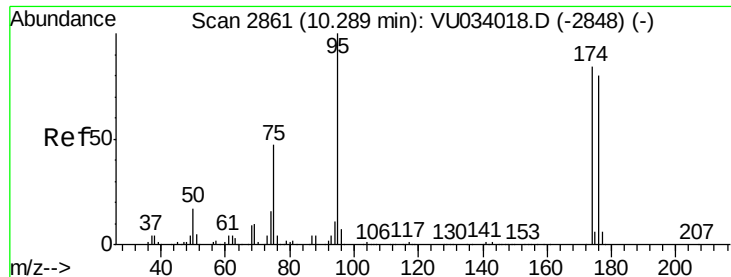
100 64.4 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034018.D (-1991) (-)

Ion 100.00 (99.70 to 100.70): VU034018.D (-1991) (-)





#62

4-Bromofluorobenzene

Concen: 44.226 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034047.D

Acq: 29 Aug 2019 00:40

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-B3-(1.9)

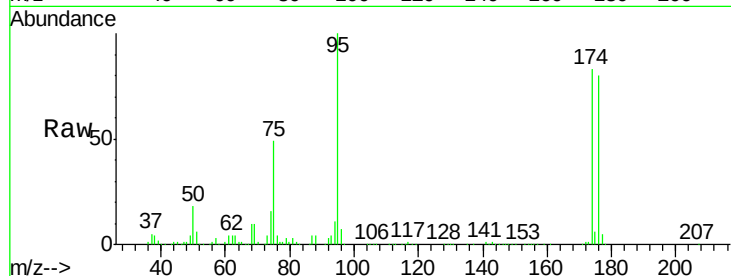
Tot Ion: 95 Resp: 335538

Ion Ratio Lower Upper

95 100

174 83.8 0.0 168.8

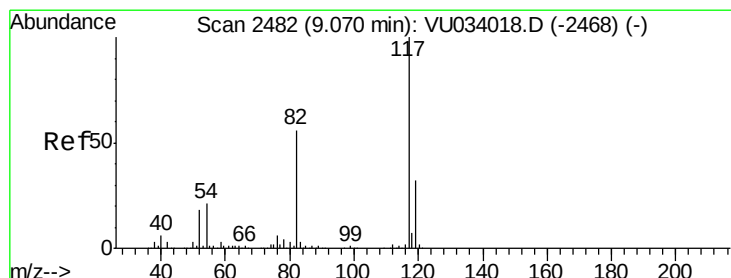
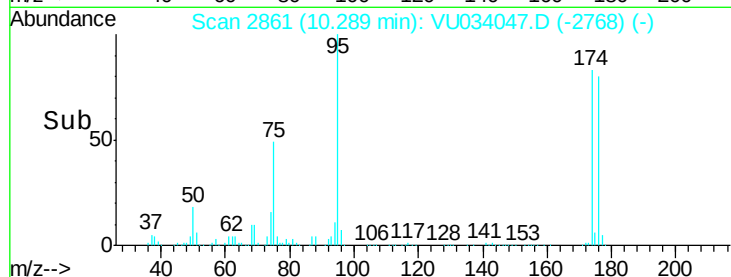
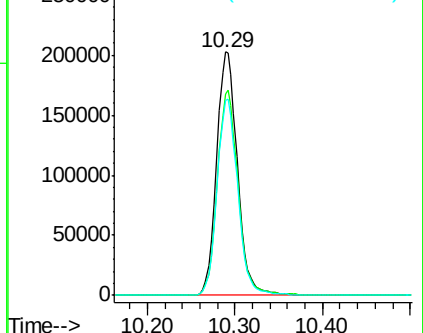
176 80.2 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034047.D

Acq: 29 Aug 2019 00:40

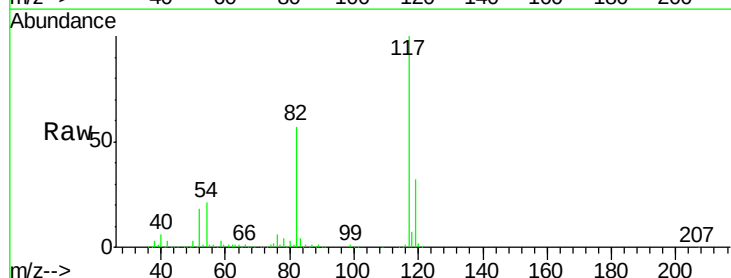
Tgt Ion: 117 Resp: 740853

Ion Ratio Lower Upper

117 100

82 56.5 45.1 67.7

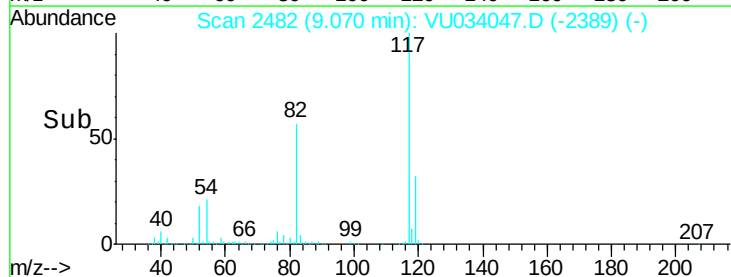
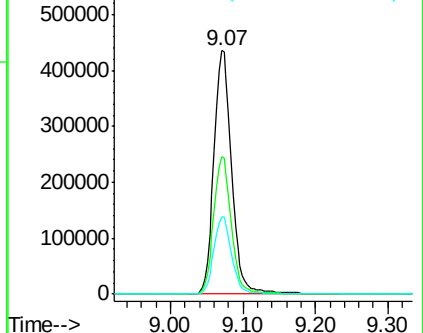
119 31.9 25.4 38.0

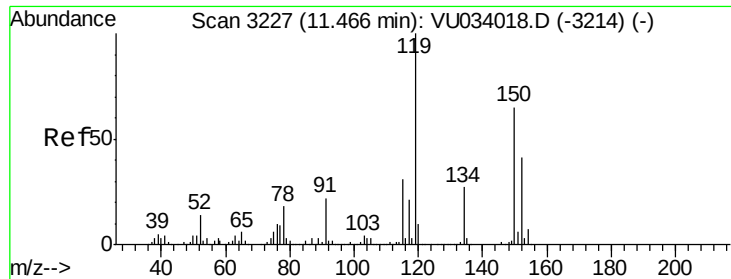


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VU034047.D

Acq: 29 Aug 2019 00:40

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-B3-(1.9)

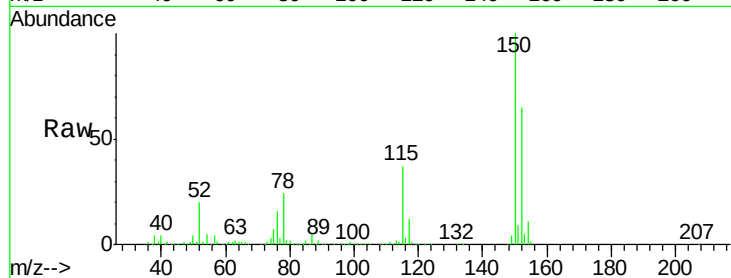
Tot Ion:152 Resp: 360803

Ion Ratio Lower Upper

152 100

115 57.4 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

