

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034060.D
 Acq On : 29 Aug 2019 14:31
 Operator : JC/SP
 Sample : K4528-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-Q2-(0)

Quant Time: Aug 29 16:02:14 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

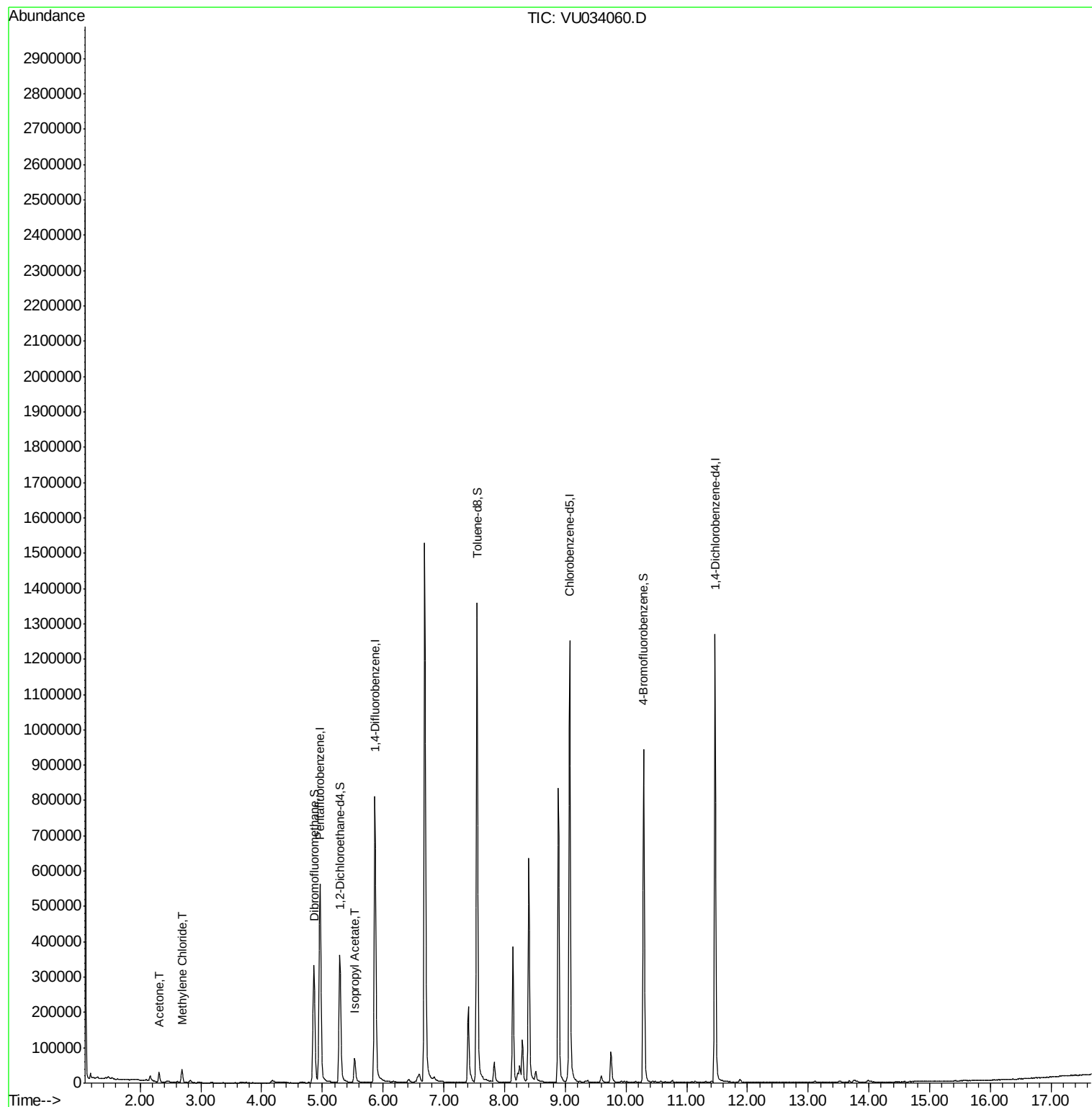
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	455483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	727514	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	724699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	348194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	290365	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
35) Dibromofluoromethane	4.86	113	239898	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
50) Toluene-d8	7.55	98	949578	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	10.29	95	328533	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
Target Compounds						
16) Acetone	2.31	43	32134	10.791	ug/l	96
20) Methylene Chloride	2.69	84	16645	2.953	ug/l	96
43) Isopropyl Acetate	5.53	43	85507	7.294	ug/l	98

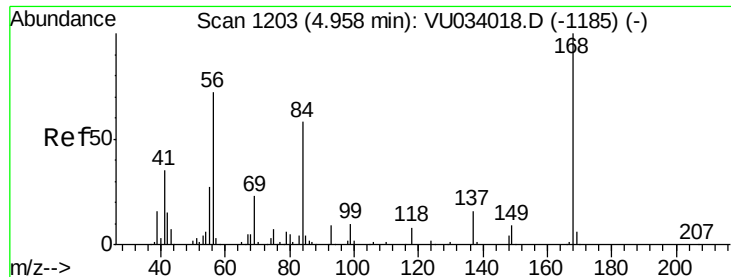
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034060.D

Acq: 29 Aug 2019 14:31

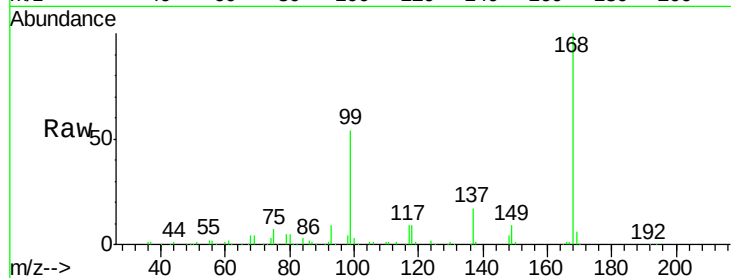
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-Q2-(0)

Tot Ion:168 Resp: 455483

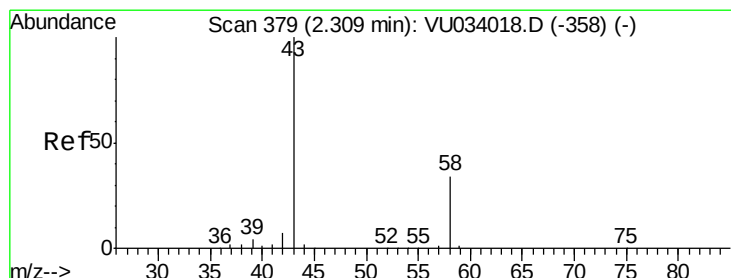
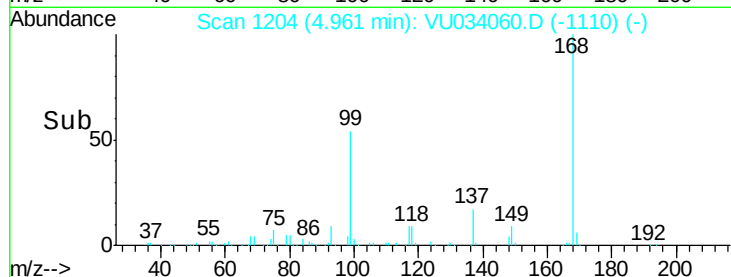
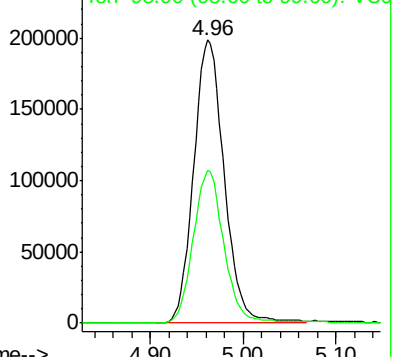
Ion Ratio Lower Upper

168 100

99 54.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034060.D (-1110) (-)



#16

Acetone

Concen: 10.791 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034060.D

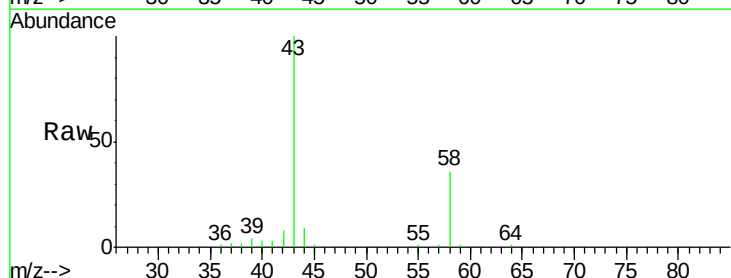
Acq: 29 Aug 2019 14:31

Tgt Ion: 43 Resp: 32134

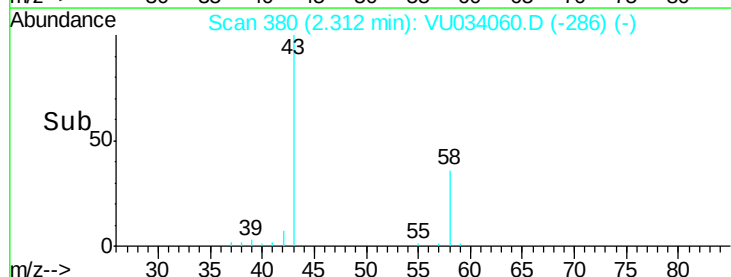
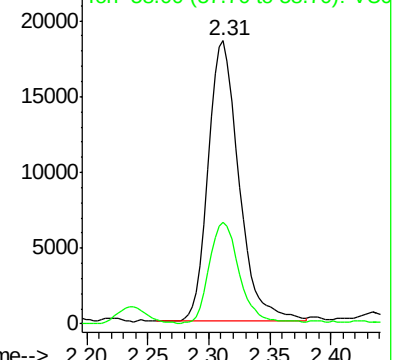
Ion Ratio Lower Upper

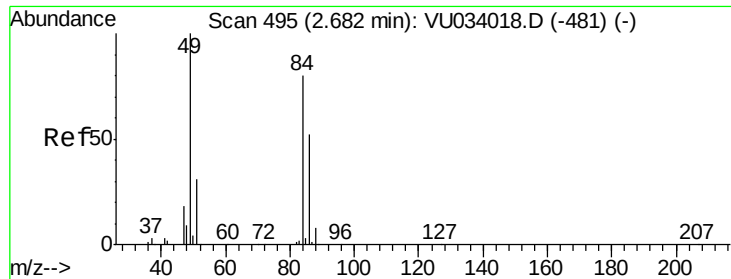
43 100

58 35.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034060.D (-286) (-)

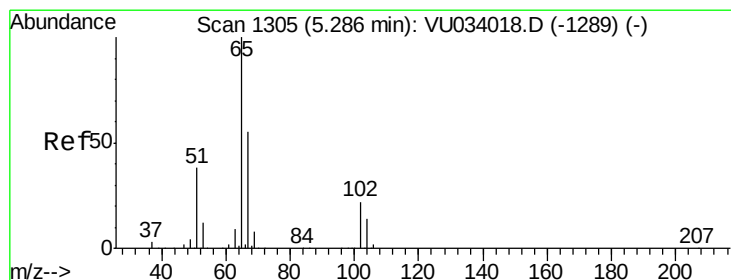
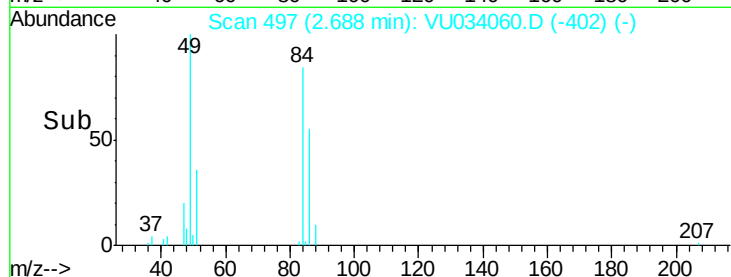
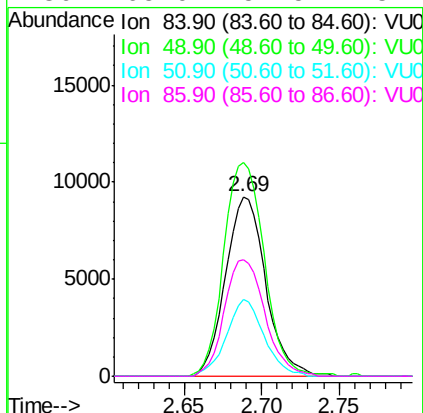
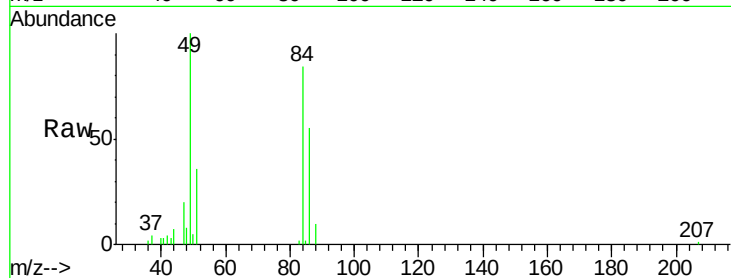




#20
Methylene Chloride
Concen: 2.953 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034060.D
Acq: 29 Aug 2019 14:31

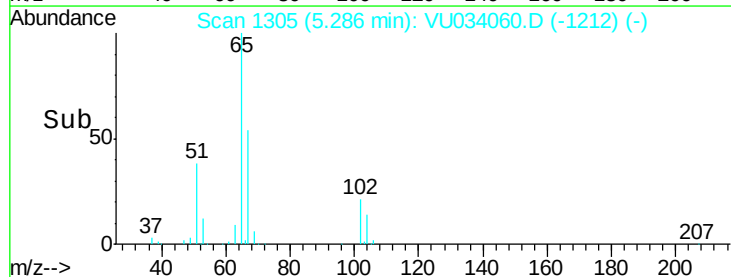
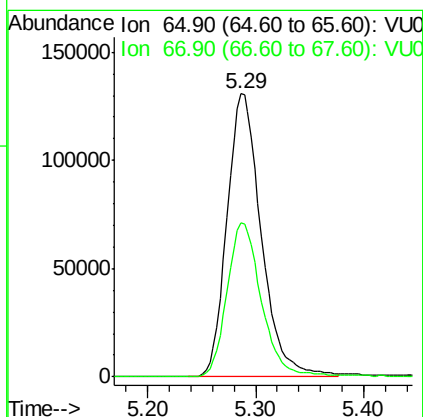
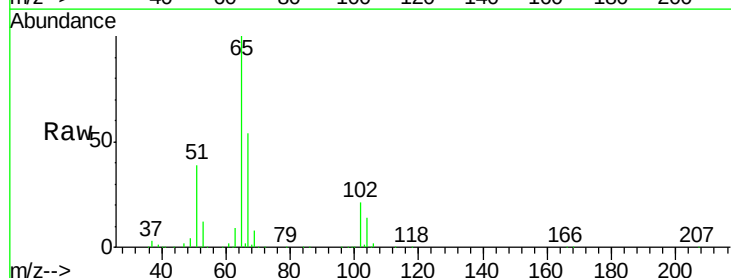
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-Q2-(0)

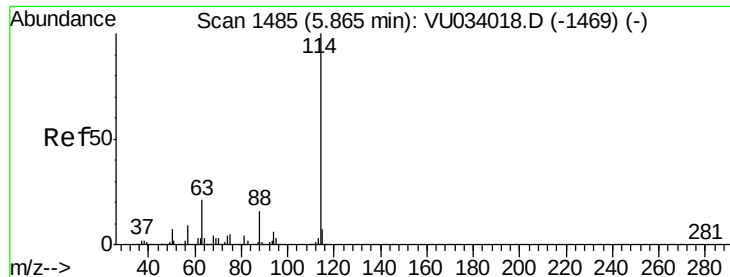
Tot Ion: 84 Resp: 16645
Ion Ratio Lower Upper
84 100
49 118.8 100.2 150.4
51 42.5 30.8 46.2
86 65.0 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.752 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034060.D
Acq: 29 Aug 2019 14:31

Tgt Ion: 65 Resp: 290365
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.6

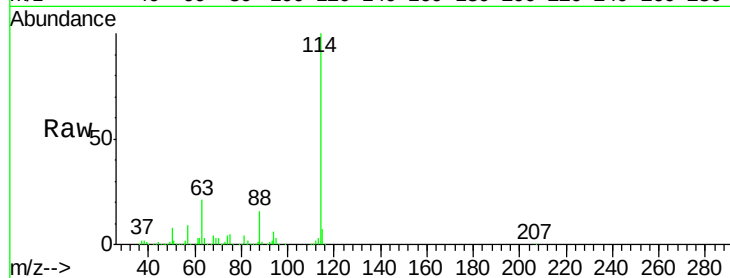




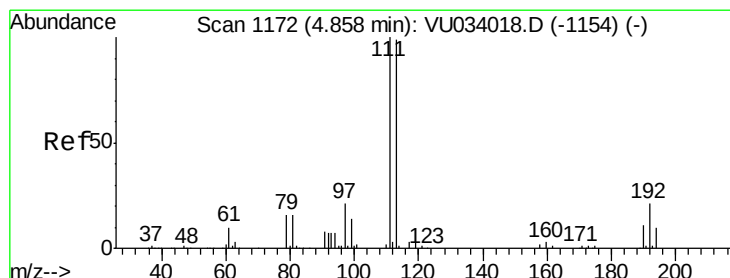
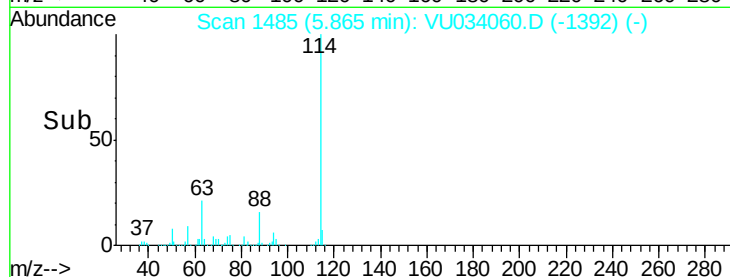
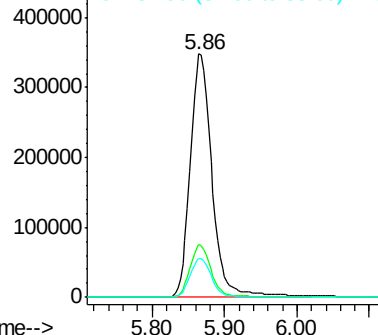
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034060.D
 Acq: 29 Aug 2019 14:31

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-Q2-(0)

Tot Ion:114 Resp: 727514
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.0
 88 16.2 0.0 32.0

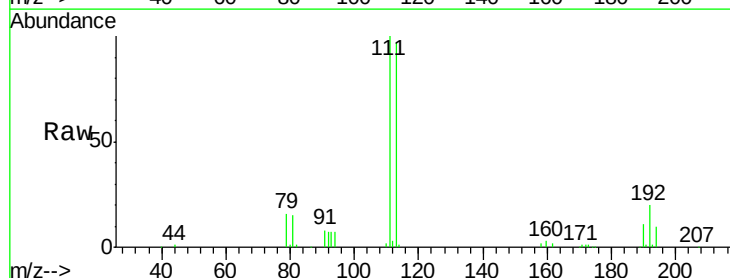


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

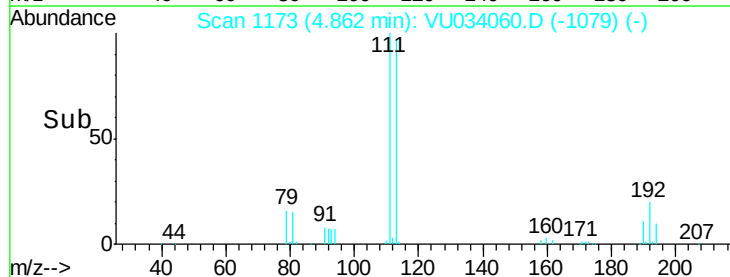
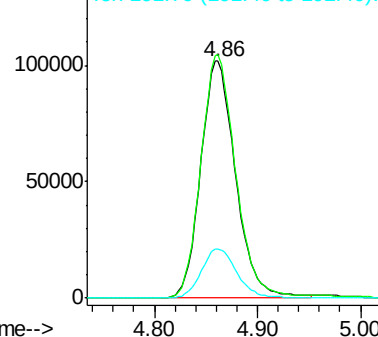


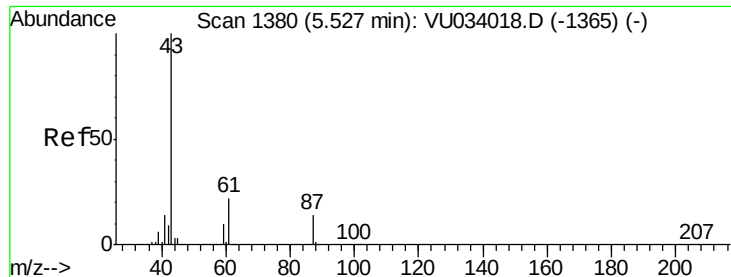
#35
 Dibromofluoromethane
 Concen: 47.542 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034060.D
 Acq: 29 Aug 2019 14:31

Tgt Ion:113 Resp: 239898
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.7 122.5
 192 21.1 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: 7.294 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-Q2-(0)

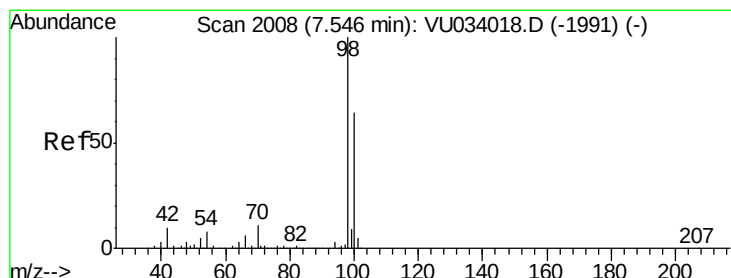
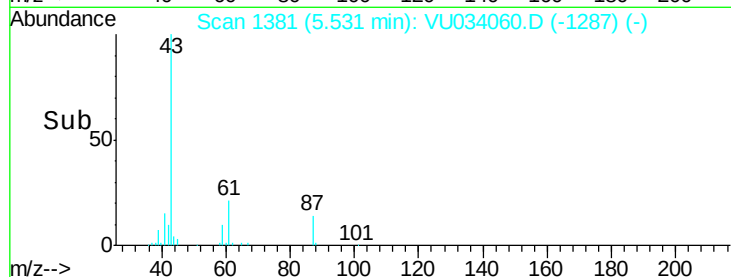
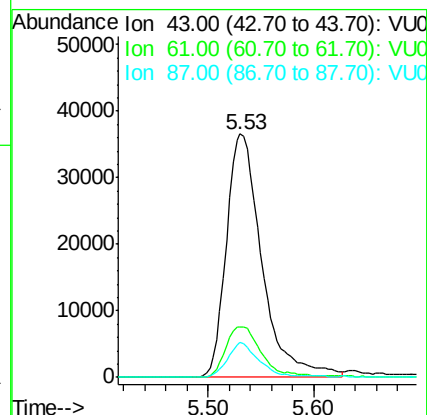
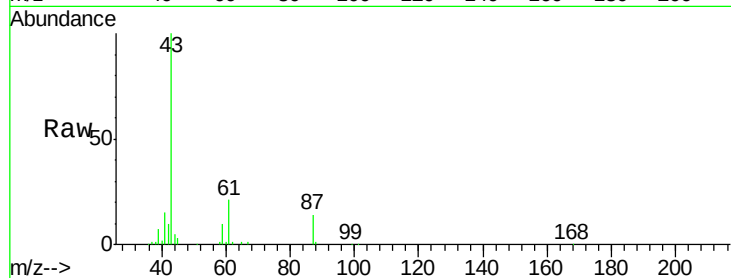
Tot Ion: 43 Resp: 85507

Ion Ratio Lower Upper

43 100

61 20.8 17.2 25.8

87 12.4 10.8 16.2



#50

Toluene-d8

Concen: 50.258 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034060.D

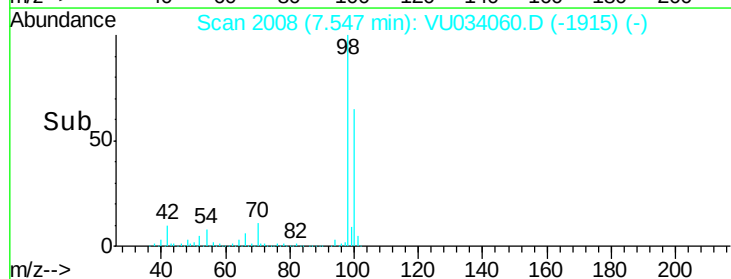
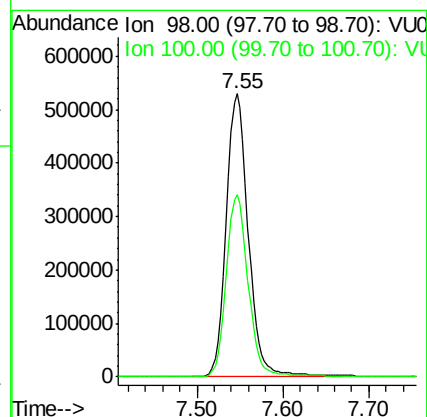
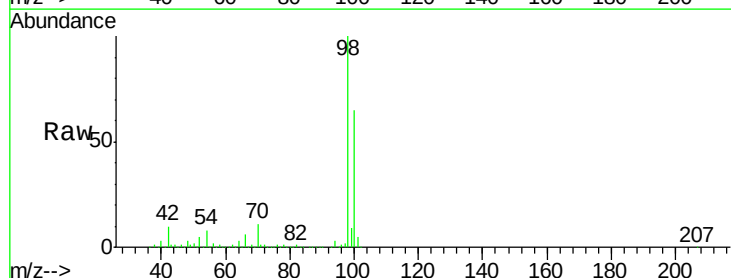
Acq: 29 Aug 2019 14:31

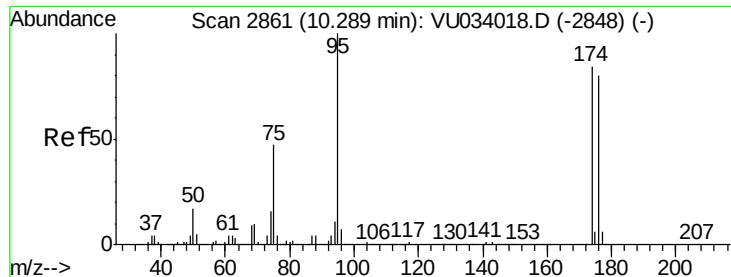
Tgt Ion: 98 Resp: 949578

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 44.701 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034060.D

Acq: 29 Aug 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-Q2-(0)

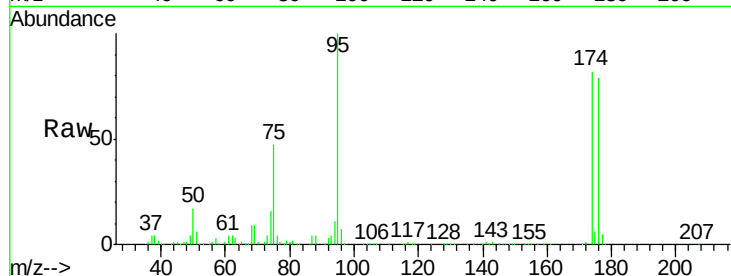
Tot Ion: 95 Resp: 328533

Ion Ratio Lower Upper

95 100

174 84.9 0.0 168.8

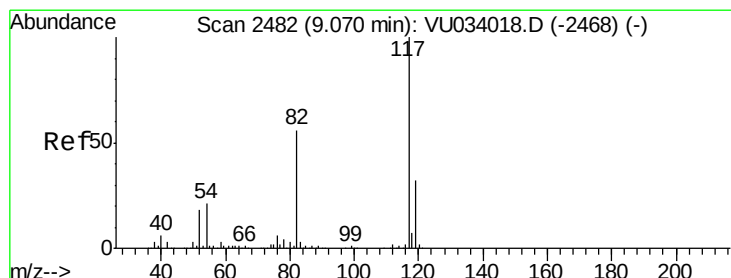
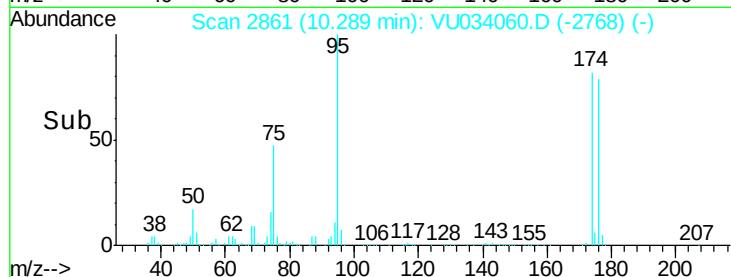
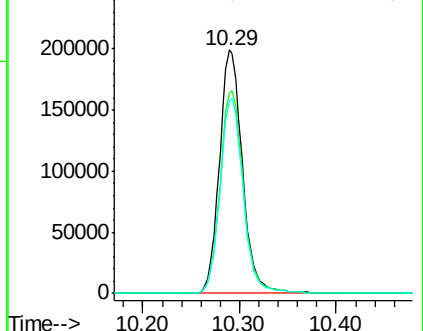
176 80.5 0.0 161.8



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: VU034060.D

Acq: 29 Aug 2019 14:31

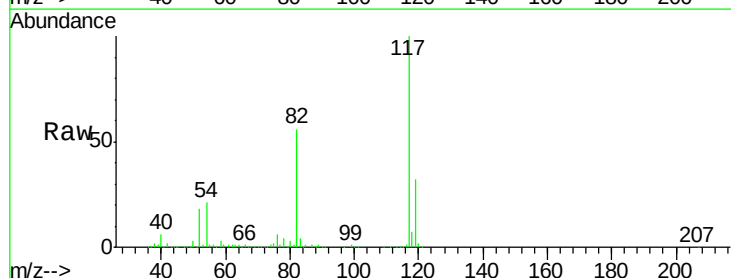
Tgt Ion: 117 Resp: 724699

Ion Ratio Lower Upper

117 100

82 56.2 45.1 67.7

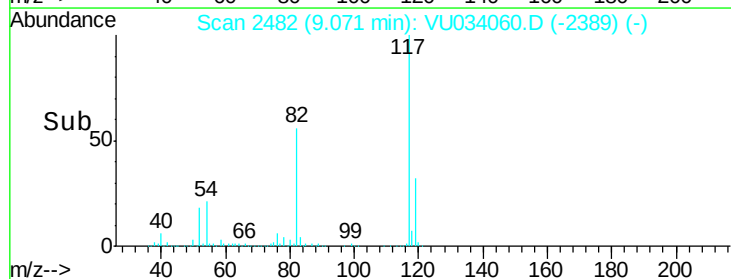
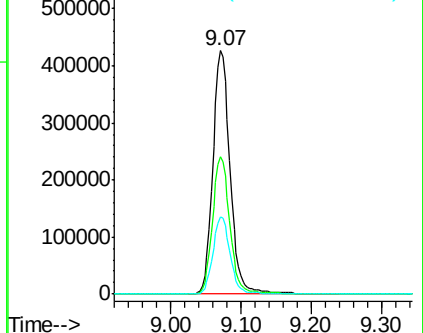
119 31.8 25.4 38.0

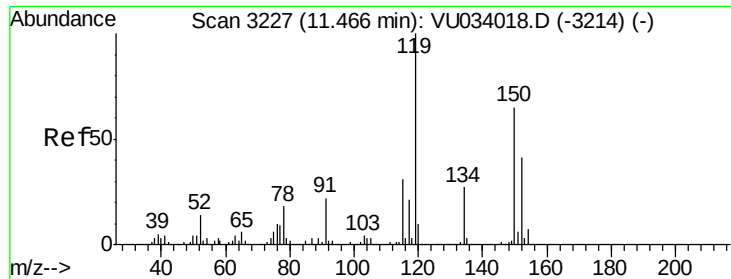


Abundance Ion 116.90 (116.60 to 117.60): VU0

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: VU034060.D

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Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-Q2-(0)

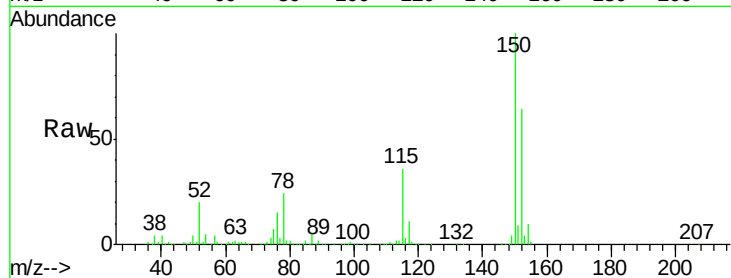
Tot Ion:152 Resp: 348194

Ion Ratio Lower Upper

152 100

115 57.2 41.1 123.3

150 156.8 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

