

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034107.D
 Acq On : 30 Aug 2019 18:36
 Operator : JC/SP
 Sample : K4529-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-T1-(1.9)

Quant Time: Aug 31 04:34:29 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

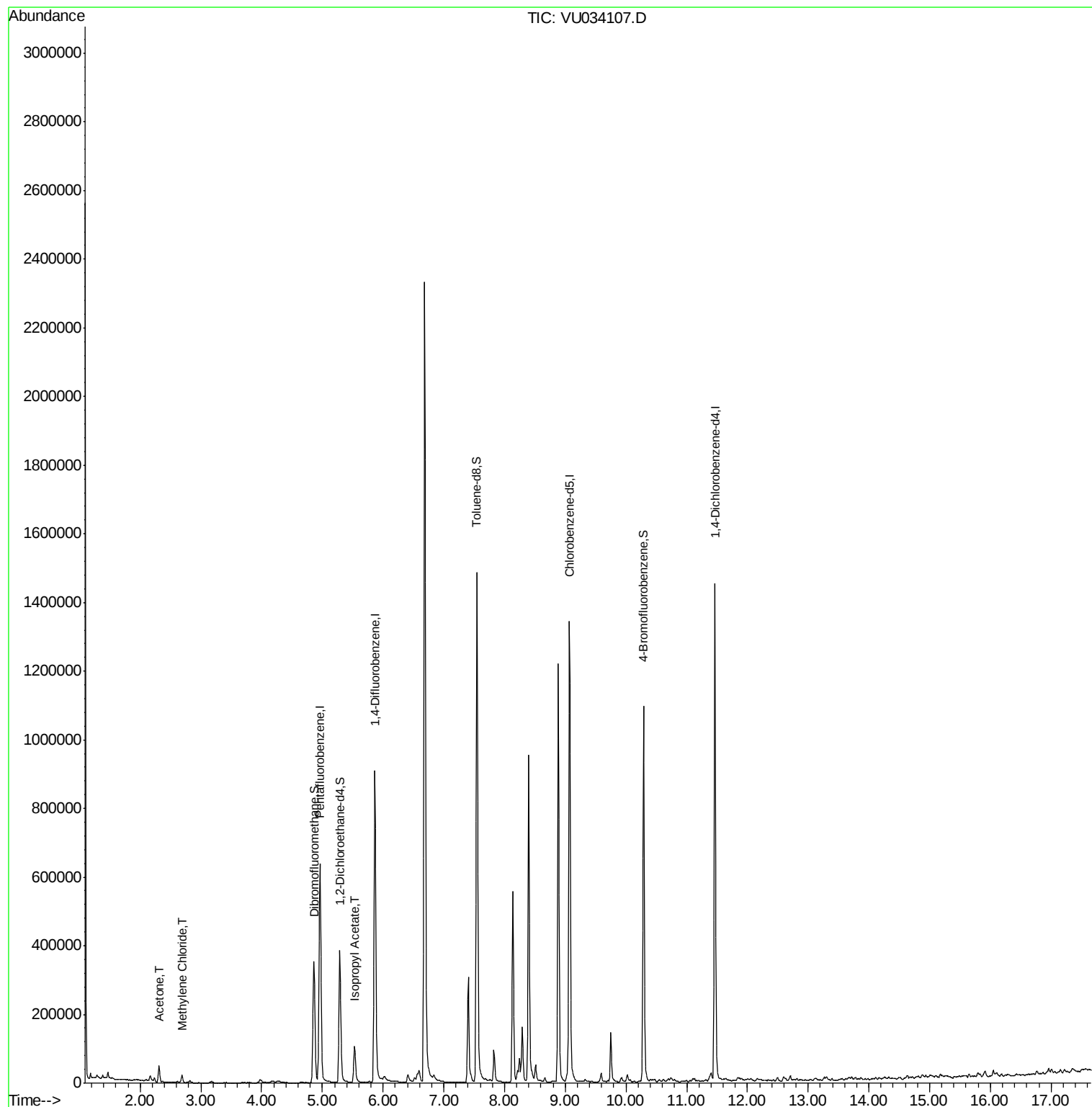
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	522488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	826823	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	779105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	396287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	310242	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
35) Dibromofluoromethane	4.86	113	256190	44.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.34%	
50) Toluene-d8	7.55	98	1040558	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	10.29	95	372260	44.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.14%	
Target Compounds						
16) Acetone	2.31	43	52236	15.292	ug/l	100
20) Methylene Chloride	2.69	84	10325	1.597	ug/l	89
43) Isopropyl Acetate	5.53	43	130274	9.778	ug/l	100

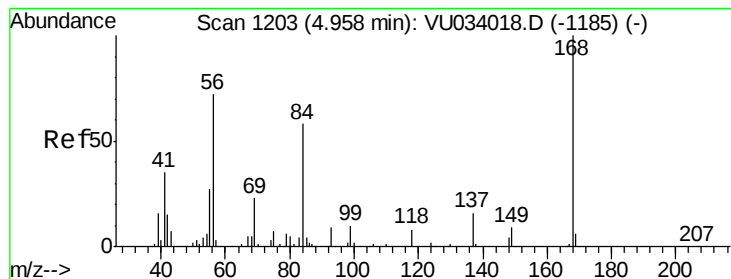
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VU034107.D

Acq: 30 Aug 2019 18:36

Instrument :

MSVOA_U

ClientSampleId :

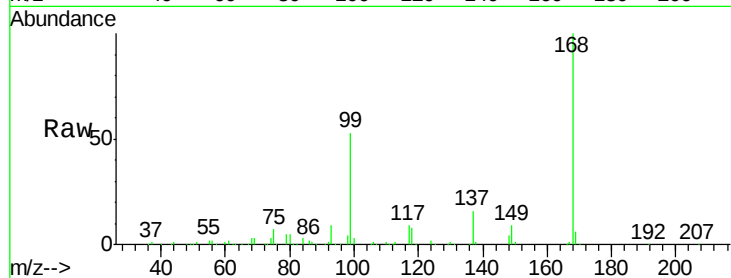
T9-12-13-T1-(1.9)

Tot Ion:168 Resp: 522488

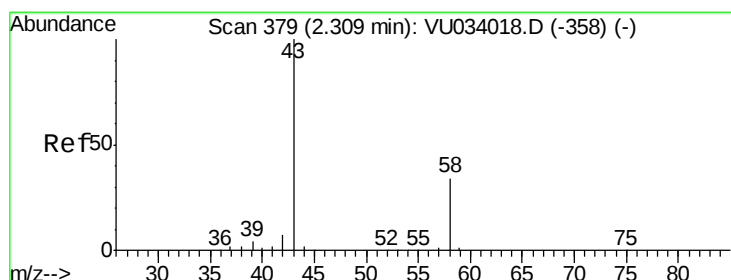
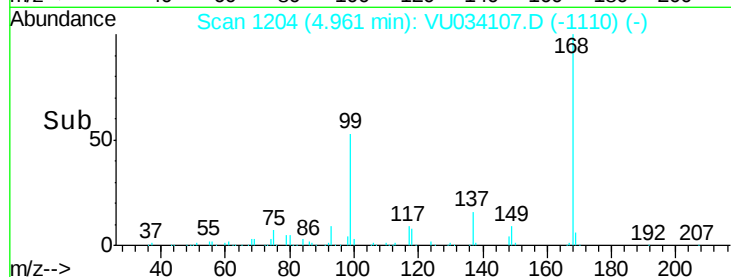
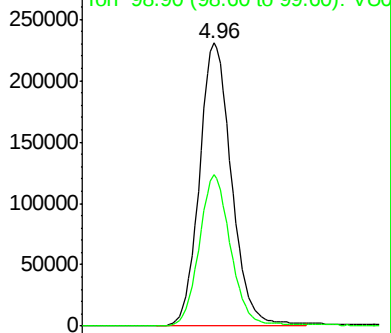
Ion Ratio Lower Upper

168 100

99 53.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034107.D (-1110) (-)



#16

Acetone

Concen: 15.292 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034107.D

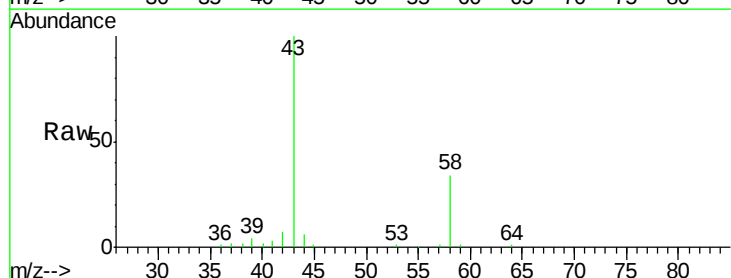
Acq: 30 Aug 2019 18:36

Tgt Ion: 43 Resp: 52236

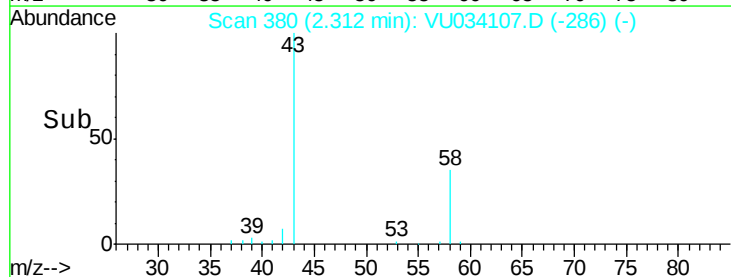
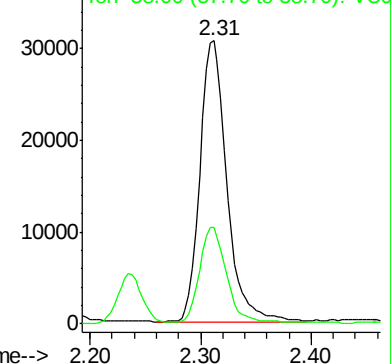
Ion Ratio Lower Upper

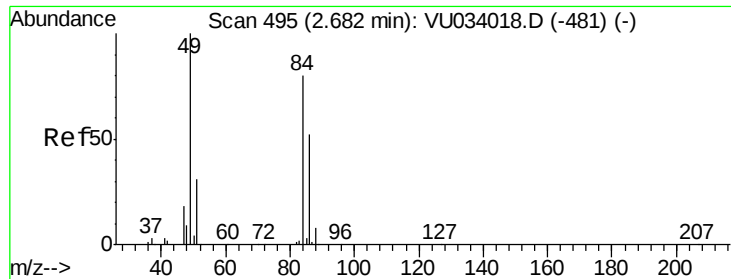
43 100

58 33.7 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034107.D (-286) (-)

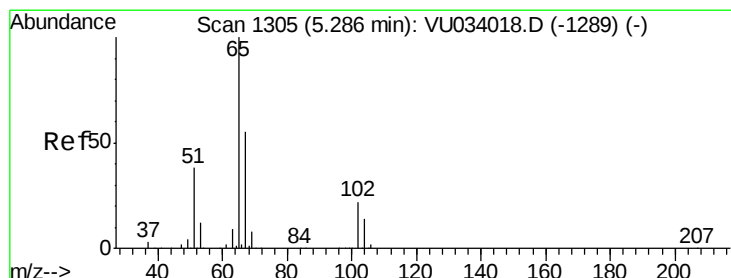
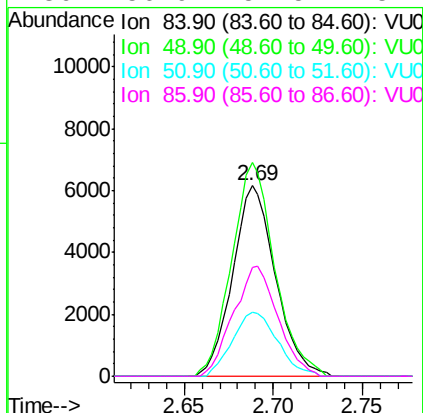
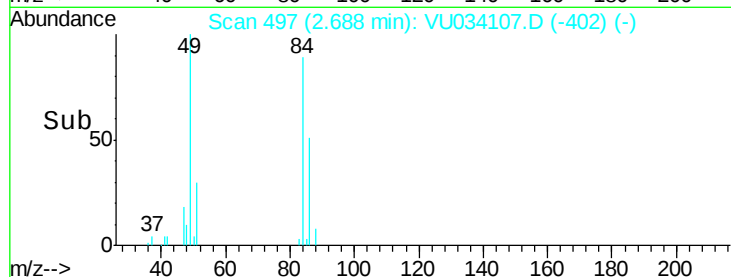
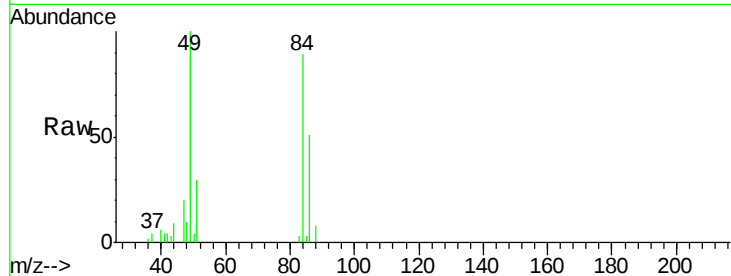




#20
Methvlene Chloride
Concen: 1.597 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034107.D
Acq: 30 Aug 2019 18:36

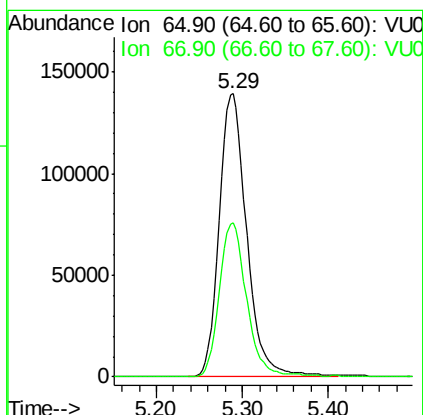
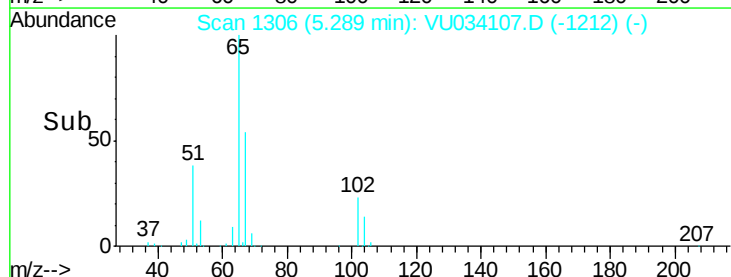
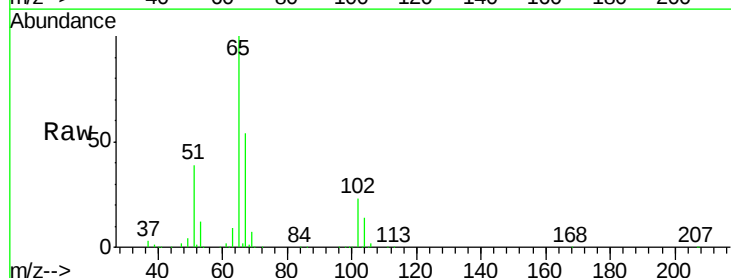
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-T1-(1.9)

Tot Ion: 84 Resp: 10325
Ion Ratio Lower Upper
84 100
49 112.3 100.2 150.4
51 33.8 30.8 46.2
86 56.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 46.340 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034107.D
Acq: 30 Aug 2019 18:36

Tgt Ion: 65 Resp: 310242
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.6

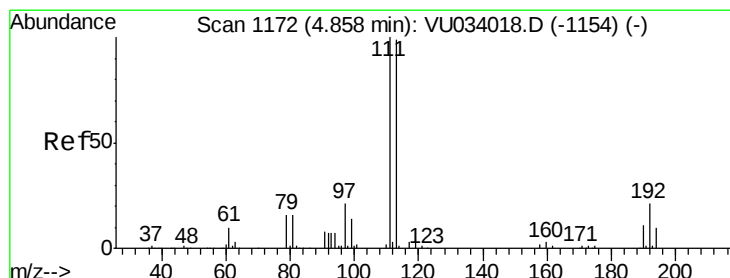
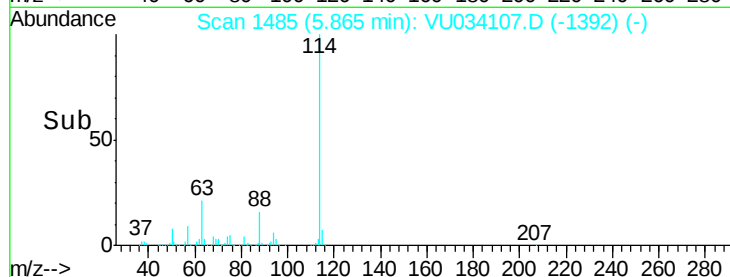
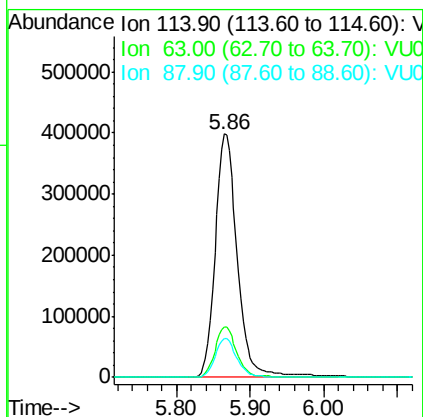
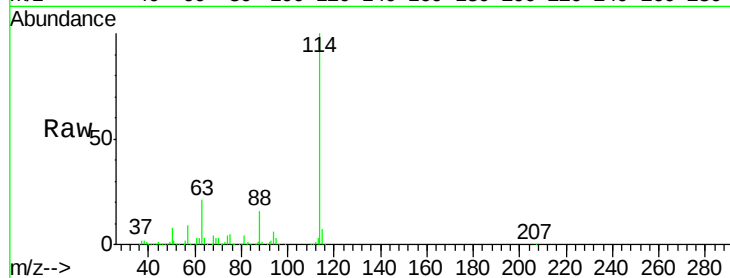




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU034107.D
 Acq: 30 Aug 2019 18:36

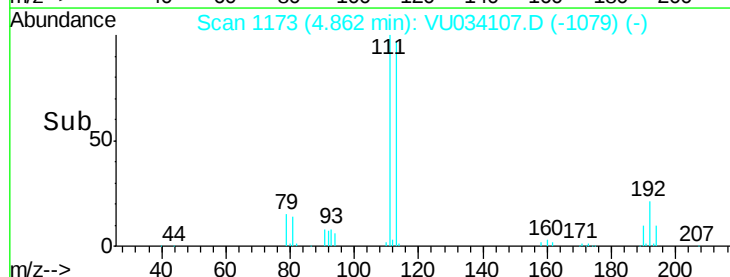
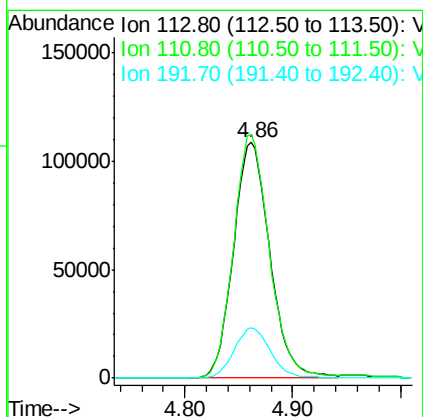
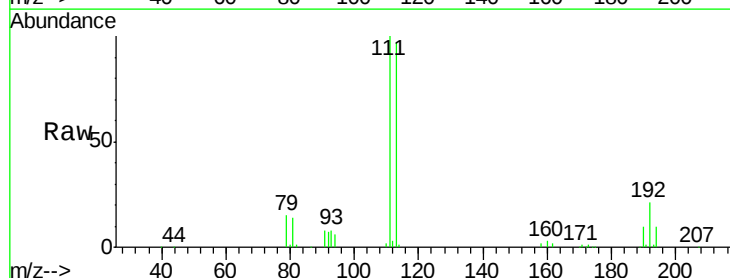
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-T1-(1.9)

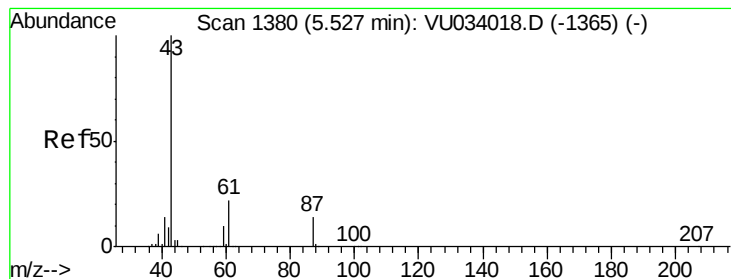
Tot Ion:114 Resp: 826823
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.0
 88 15.8 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 44.673 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034107.D
 Acq: 30 Aug 2019 18:36

Tgt Ion:113 Resp: 256190
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 21.4 17.1 25.7





#43

Isopropyl Acetate

Concen: 9.778 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034107.D

Acq: 30 Aug 2019 18:36

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-T1-(1.9)

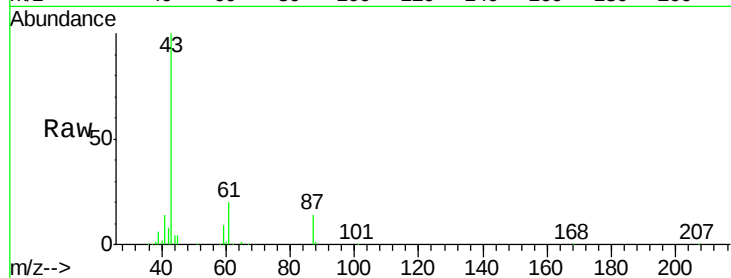
Tot Ion: 43 Resp: 130274

Ion Ratio Lower Upper

43 100

61 21.3 17.2 25.8

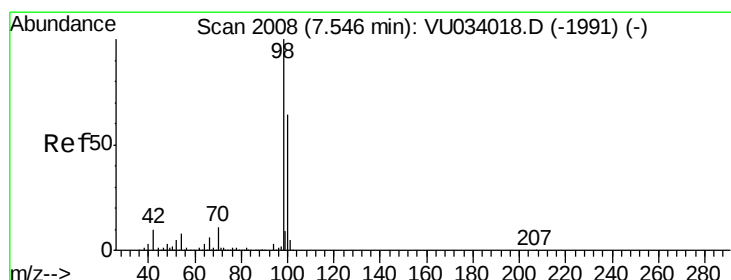
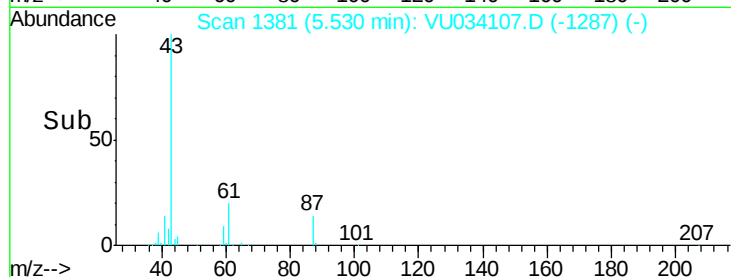
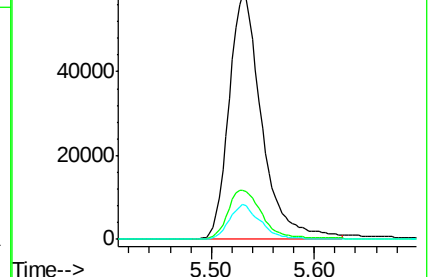
87 13.4 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VU034107.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034107.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034107.D (-1287) (-)



#50

Toluene-d8

Concen: 48.459 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034107.D

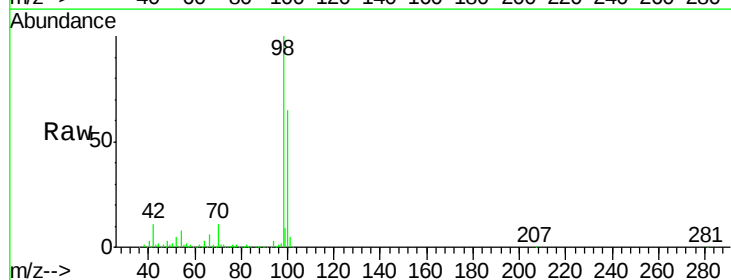
Acq: 30 Aug 2019 18:36

Tgt Ion: 98 Resp: 1040558

Ion Ratio Lower Upper

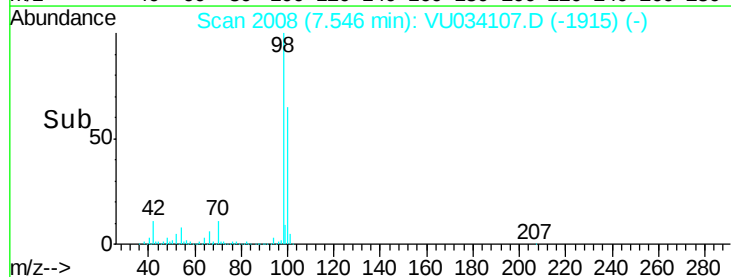
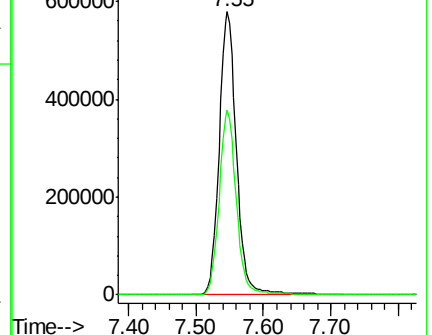
98 100

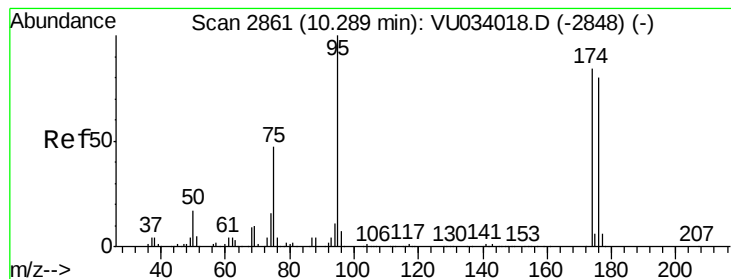
100 64.5 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU034107.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034107.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 44.567 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034107.D

Acq: 30 Aug 2019 18:36

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-T1-(1.9)

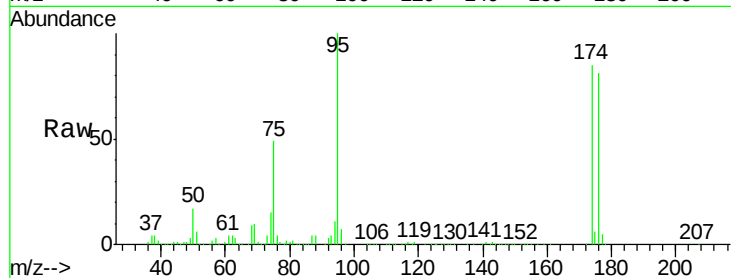
Tot Ion: 95 Resp: 372260

Ion Ratio Lower Upper

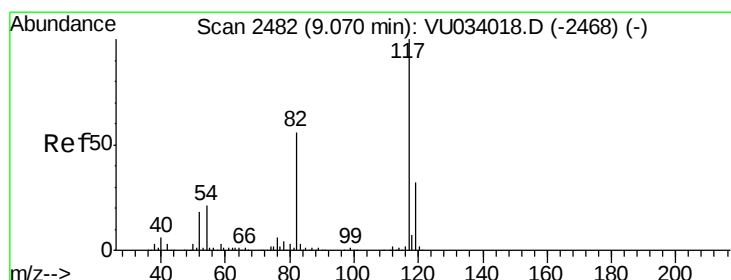
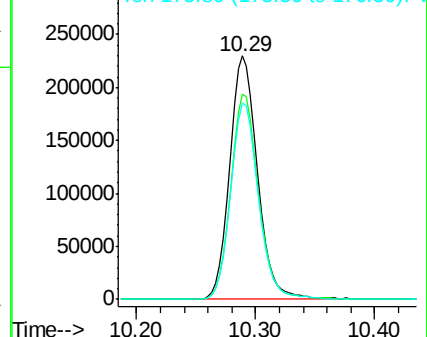
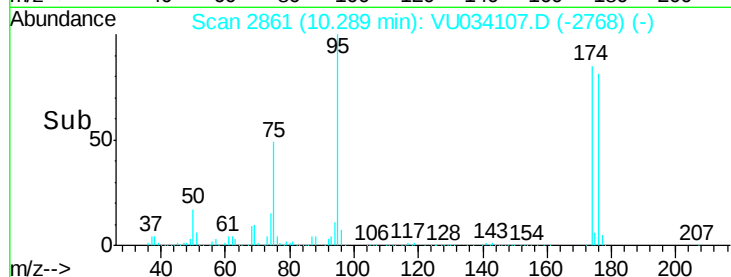
95 100

174 84.3 0.0 168.8

176 80.7 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034107.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034107.D

Acq: 30 Aug 2019 18:36

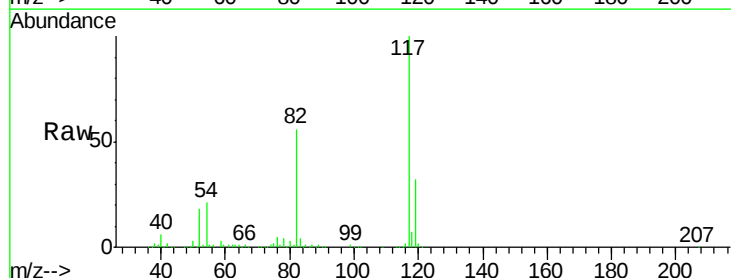
Tgt Ion: 117 Resp: 779105

Ion Ratio Lower Upper

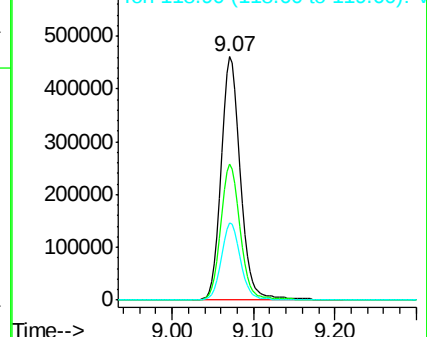
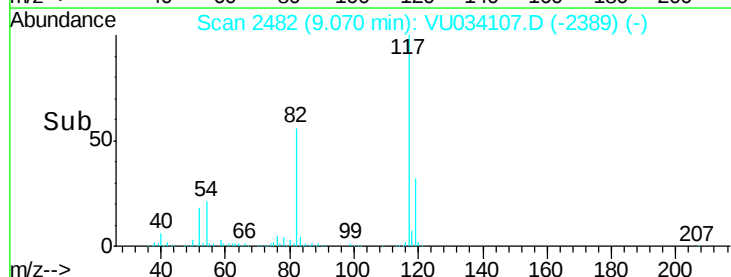
117 100

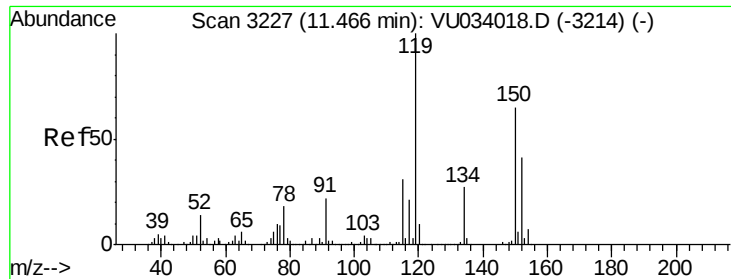
82 55.8 45.1 67.7

119 31.7 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): VU034107.D (-2389) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VU034107.D

Acq: 30 Aug 2019 18:36

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-T1-(1.9)

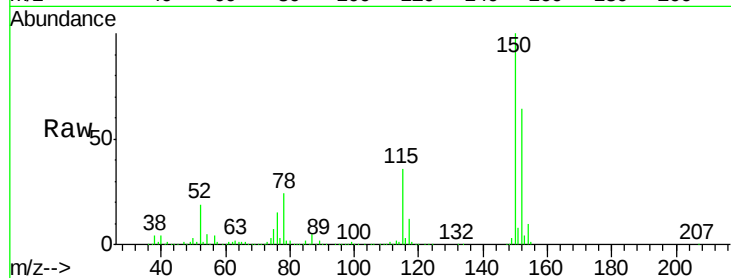
Tot Ion:152 Resp: 396287

Ion Ratio Lower Upper

152 100

115 57.1 41.1 123.3

150 157.2 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

