

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090919\
 Data File : VU034427.D
 Acq On : 09 Sep 2019 12:50
 Operator : JC/SP
 Sample : K4602-23
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-G4-(0)

Quant Time: Sep 10 06:21:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

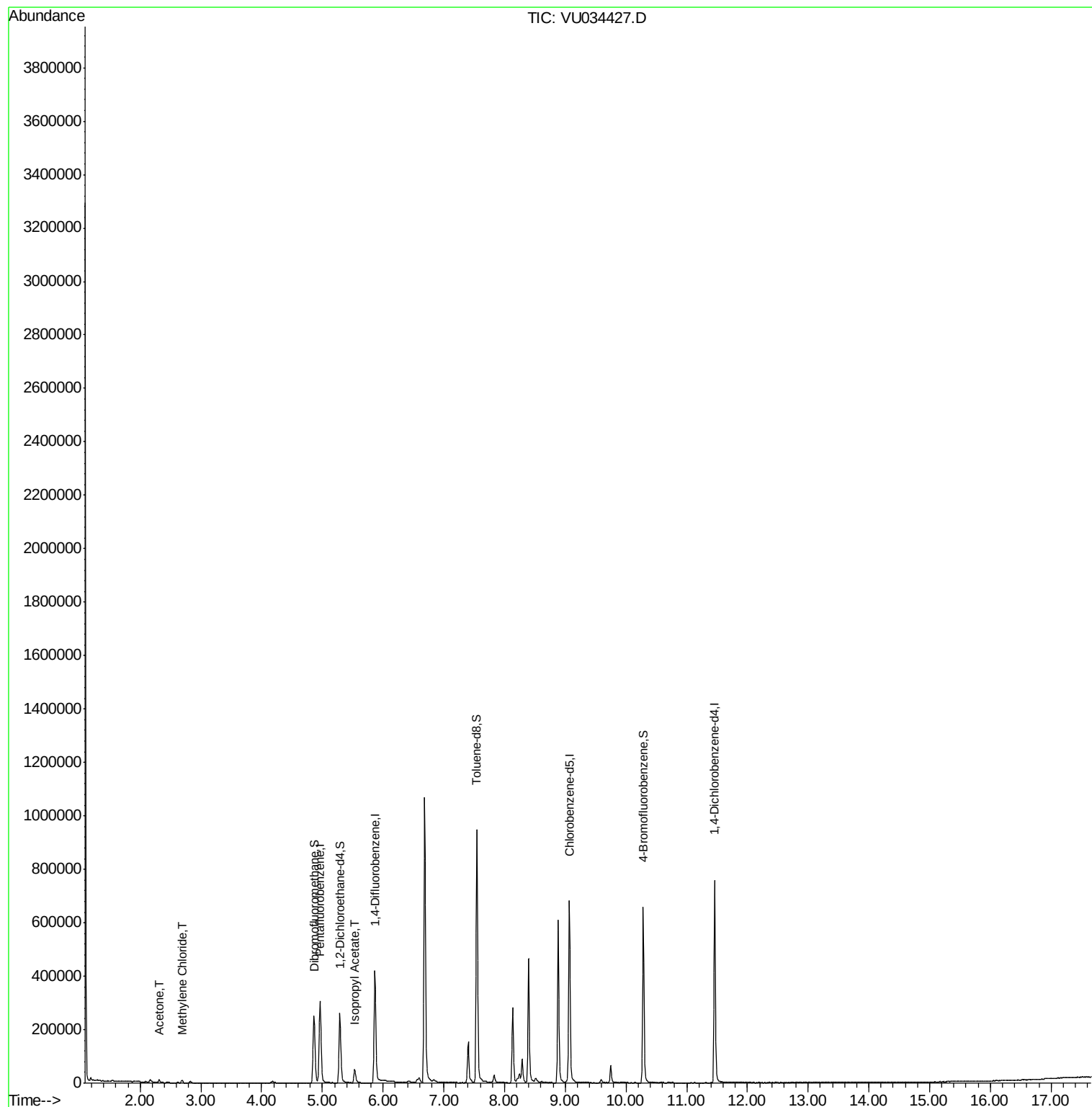
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	256317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	383374	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	409797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	223851	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	203495	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
35) Dibromofluoromethane	4.86	113	178776	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	7.55	98	665466	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	10.29	95	224718	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
Target Compounds						
16) Acetone	2.31	43	12334	6.146	ug/l	99
20) Methylene Chloride	2.69	84	4611	1.011	ug/l	90
43) Isopropyl Acetate	5.53	43	60626	7.906	ug/l	98

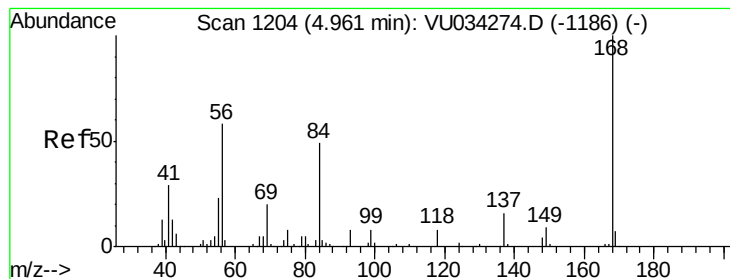
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034427.D

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Instrument :

MSVOA_U

ClientSampleId :

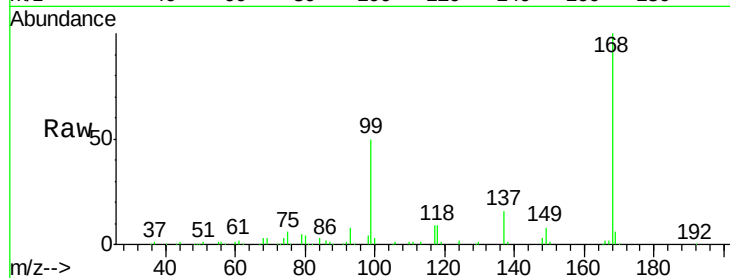
T12-G4-(0)

Tot Ion:168 Resp: 256317

Ion Ratio Lower Upper

168 100

99 49.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034427.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034427.D (-1186) (-)

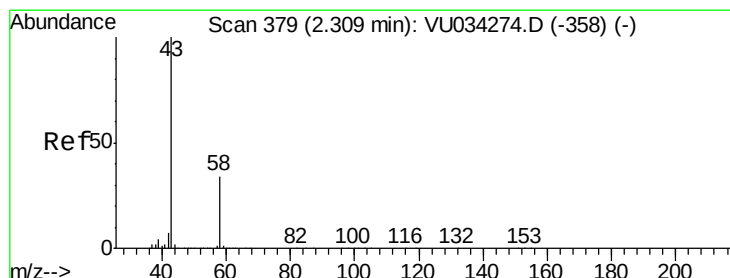
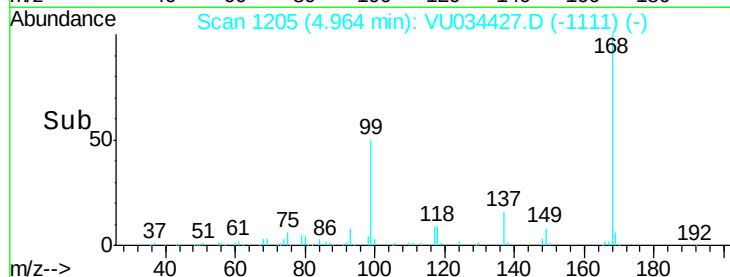
4.96

100000

50000

0

Time-->



#16

Acetone

Concen: 6.146 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034427.D

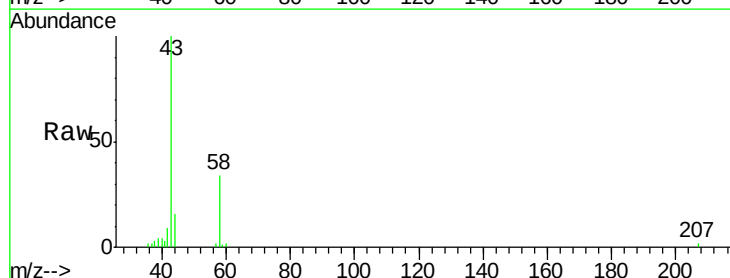
Acq: 09 Sep 2019 12:50

Tgt Ion: 43 Resp: 12334

Ion Ratio Lower Upper

43 100

58 34.9 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034427.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034427.D (-358) (-)

2.31

8000

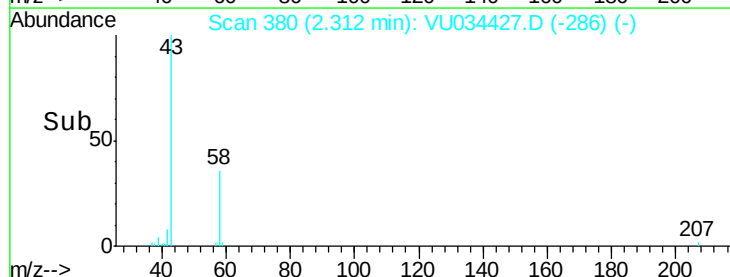
6000

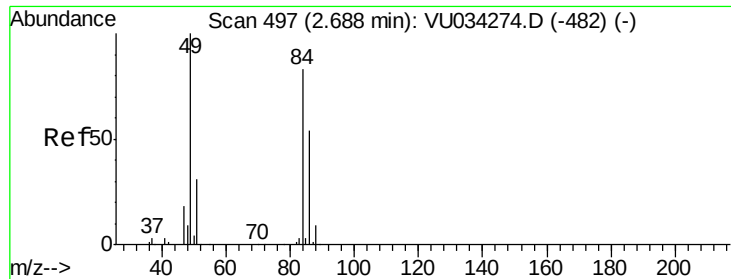
4000

2000

0

Time-->

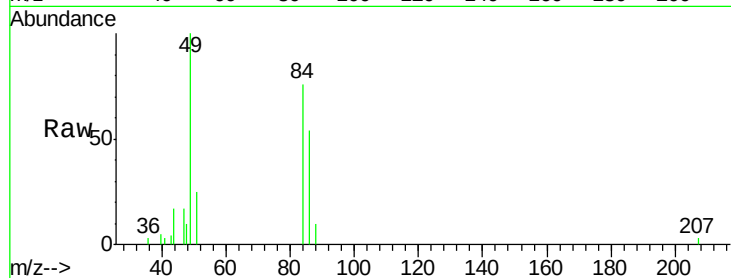




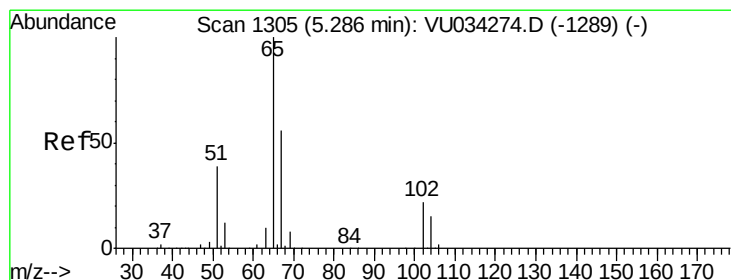
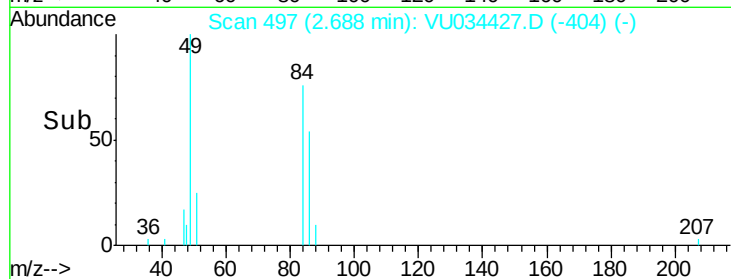
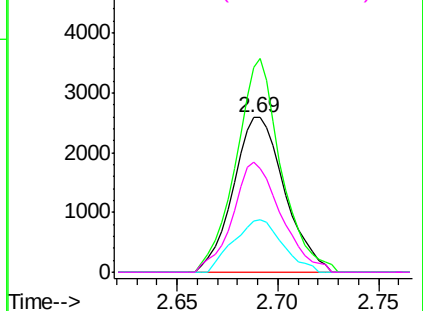
#20
Methylene Chloride
Concen: 1.011 ug/l
RT: 2.69 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU034427.D
Acq: 09 Sep 2019 12:50

Instrument :
MSVOA_U
ClientSampleId :
T12-G4-(0)

Tot Ion:	84	Resp:	4611
Ion	Ratio	Lower	Upper
84	100		
49	132.2	96.0	144.0
51	32.9	30.0	45.0
86	70.9	51.4	77.0

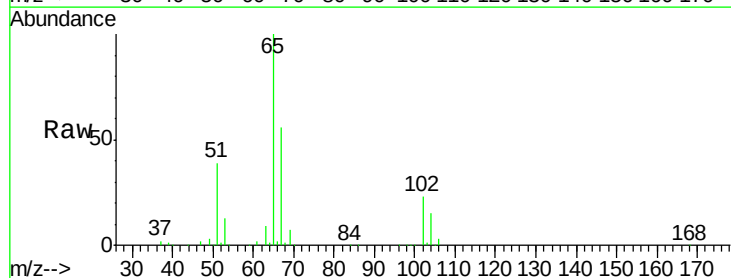


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

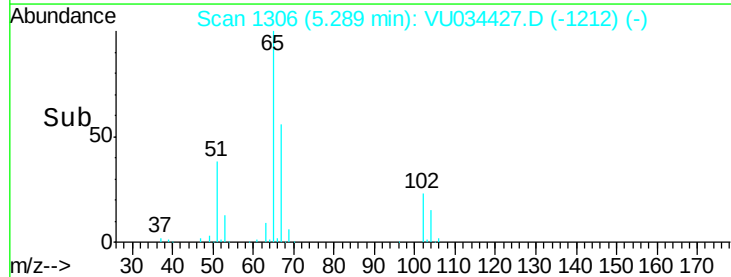
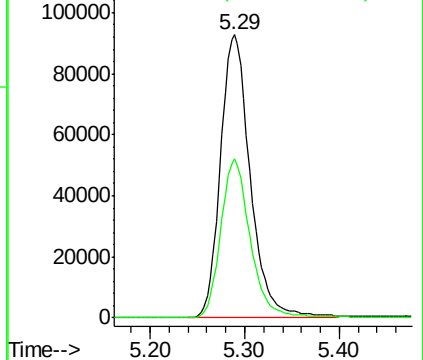


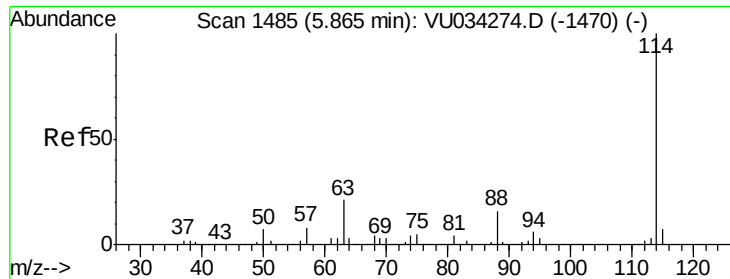
#33
1,2-Dichloroethane-d4
Concen: 52.472 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034427.D
Acq: 09 Sep 2019 12:50

Tgt Ion:	65	Resp:	203495
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	112.4



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

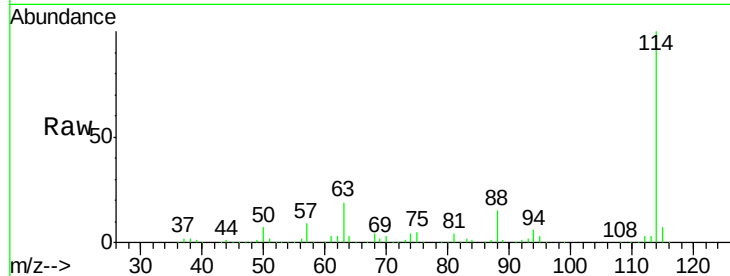




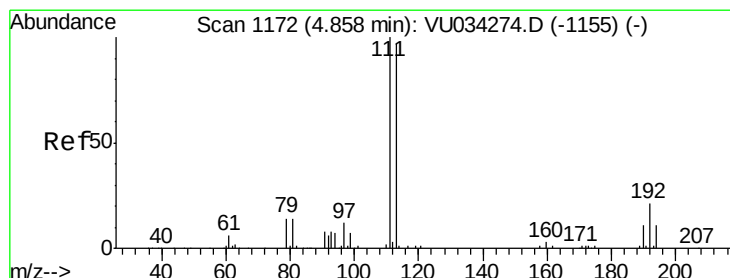
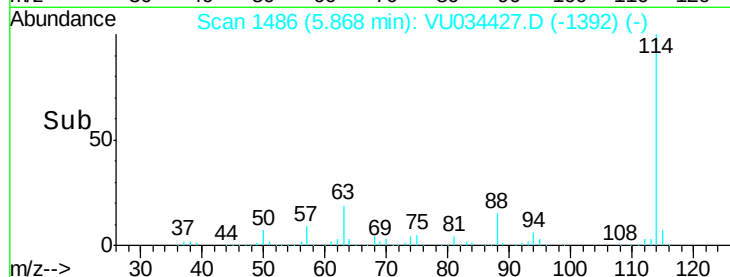
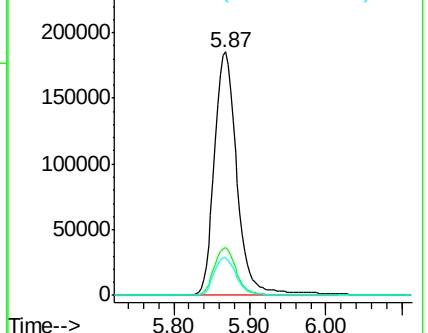
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.87 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VU034427.D
Acq: 09 Sep 2019 12:50

Instrument :
MSVOA_U
ClientSampleId :
T12-G4-(0)

Tot Ion:114 Resp: 383374
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.4 0.0 32.4

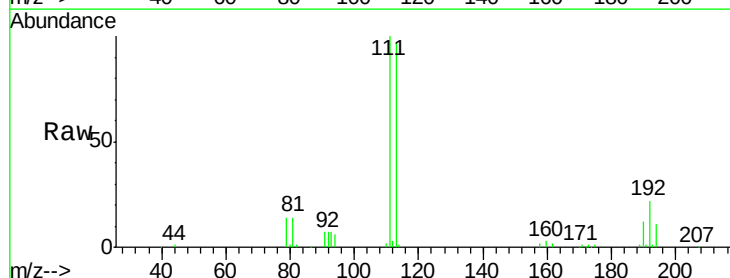


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

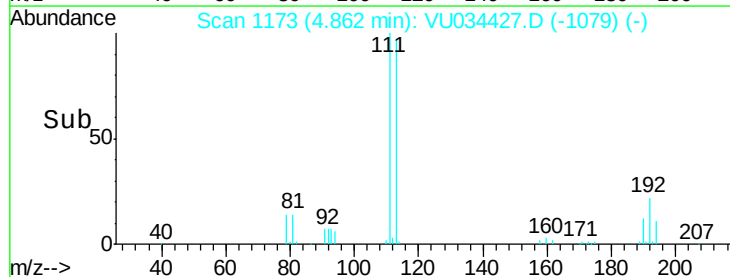
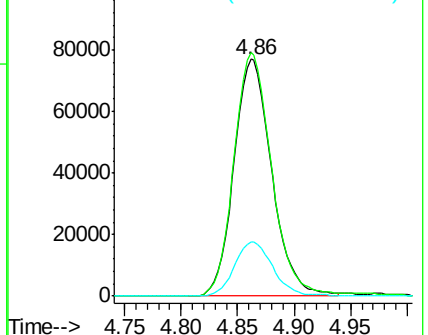


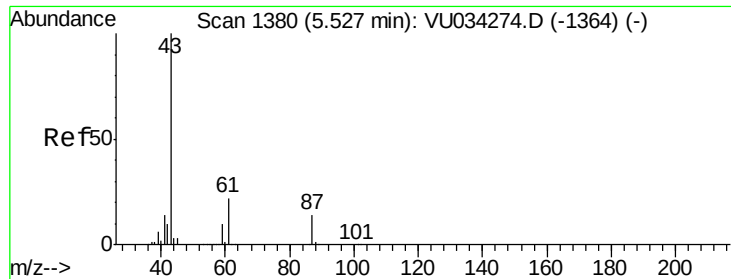
#35
Dibromofluoromethane
Concen: 50.115 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034427.D
Acq: 09 Sep 2019 12:50

Tgt Ion:113 Resp: 178776
Ion Ratio Lower Upper
113 100
111 102.5 81.5 122.3
192 23.2 17.8 26.8



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

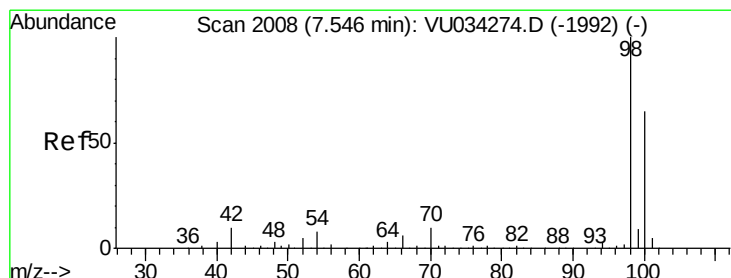
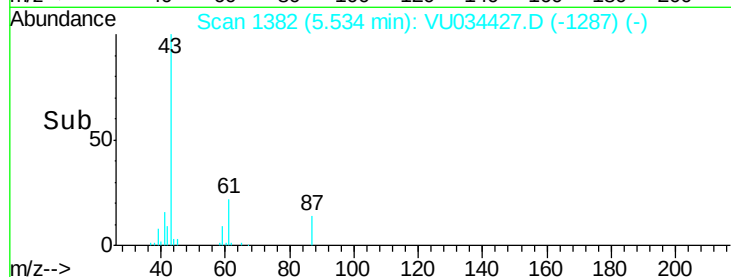
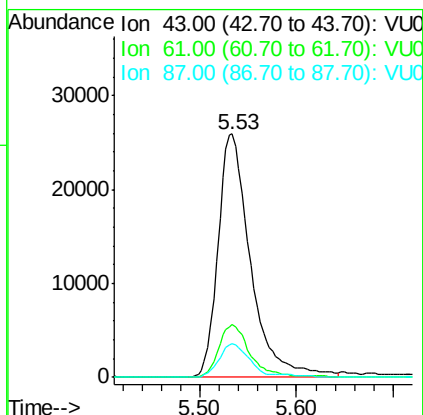
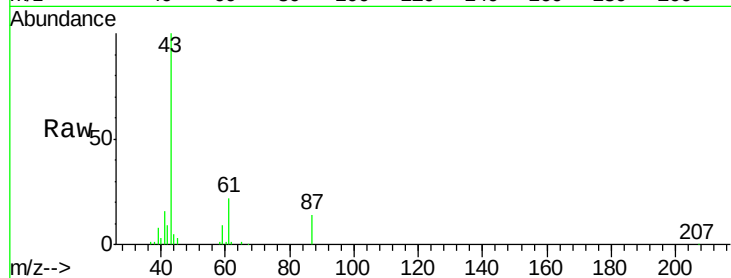




#43
Isopropyl Acetate
Concen: 7.906 ug/l
RT: 5.53 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VU034427.D
Acq: 09 Sep 2019 12:50

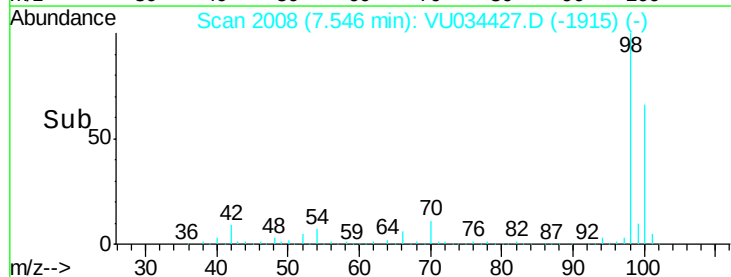
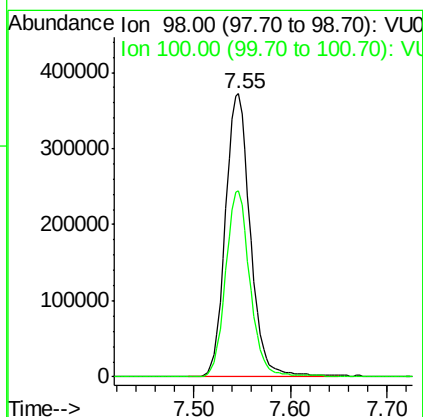
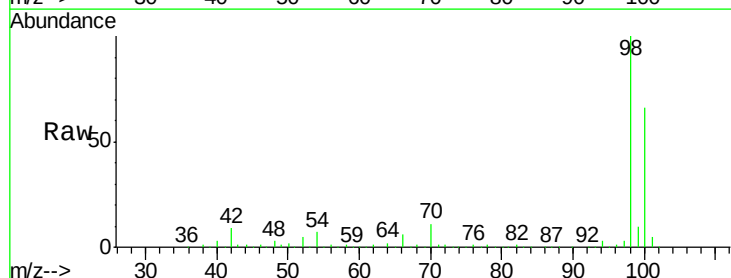
Instrument :
MSVOA_U
ClientSampleId :
T12-G4-(0)

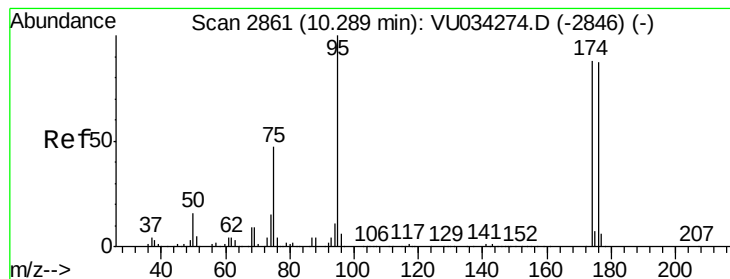
Tot Ion: 43 Resp: 60626
Ion Ratio Lower Upper
43 100
61 20.5 17.1 25.7
87 12.9 11.1 16.7



#50
Toluene-d8
Concen: 49.653 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU034427.D
Acq: 09 Sep 2019 12:50

Tgt Ion: 98 Resp: 665466
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 43.427 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034427.D

Acq: 09 Sep 2019 12:50

Instrument :

MSVOA_U

ClientSampleId :

T12-G4-(0)

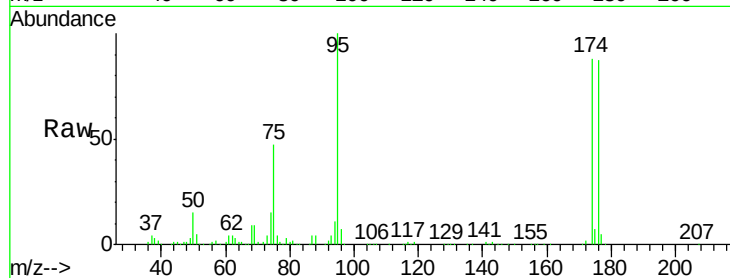
Tot Ion: 95 Resp: 224718

Ion Ratio Lower Upper

95 100

174 90.0 0.0 175.2

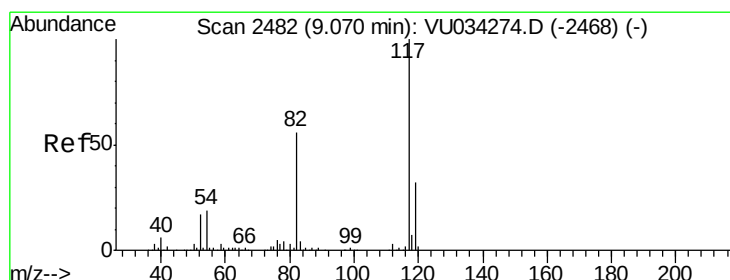
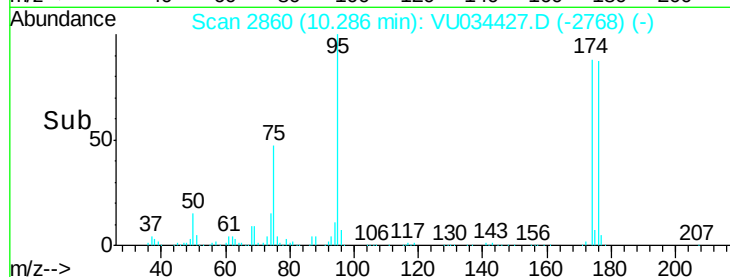
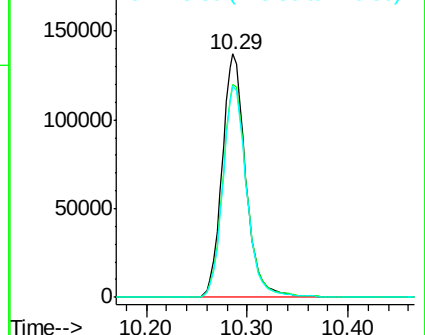
176 87.4 0.0 168.0



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# 2481

Delta R.T. -0.00 min

Lab File: VU034427.D

Acq: 09 Sep 2019 12:50

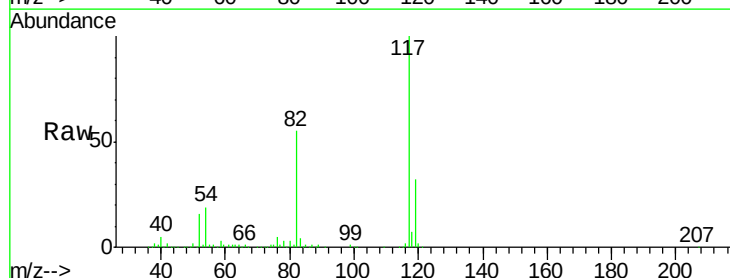
Tgt Ion: 117 Resp: 409797

Ion Ratio Lower Upper

117 100

82 55.3 44.6 67.0

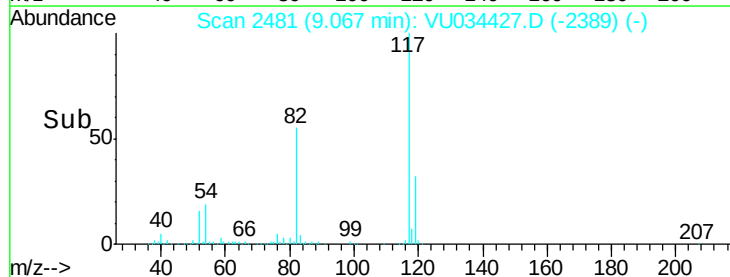
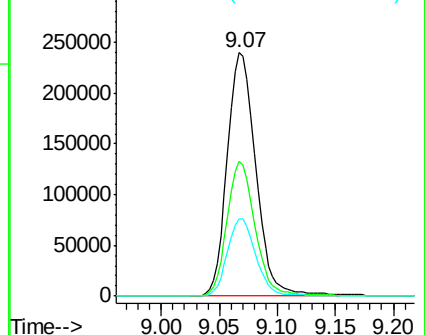
119 31.8 25.9 38.9

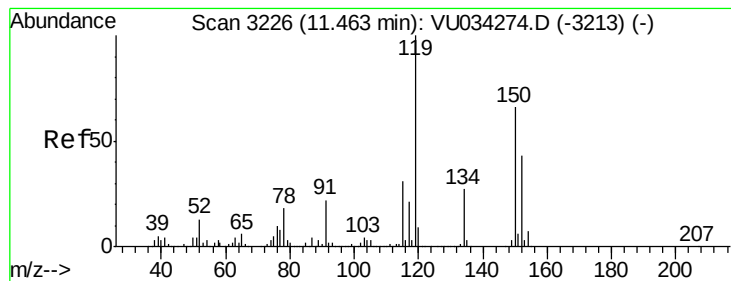


Abundance Ion 116.90 (116.60 to 117.60): VU0

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: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034427.D

Acq: 09 Sep 2019 12:50

Instrument :

MSVOA_U

ClientSampleId :

T12-G4-(0)

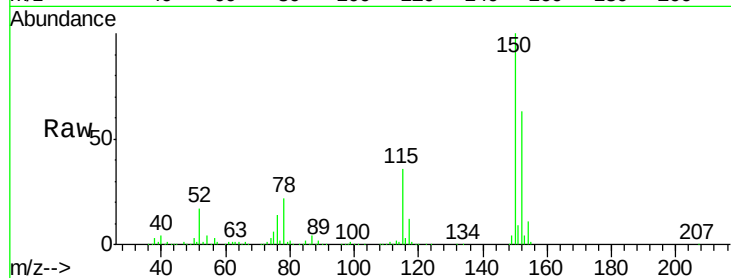
Tot Ion:152 Resp: 223851

Ion Ratio Lower Upper

152 100

115 56.5 39.1 117.3

150 158.0 0.0 345.4



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

