

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034340.D
 Acq On : 06 Sep 2019 18:53
 Operator : JC/SP
 Sample : K4580-38
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-A4-(0)

Quant Time: Sep 07 04:24:12 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

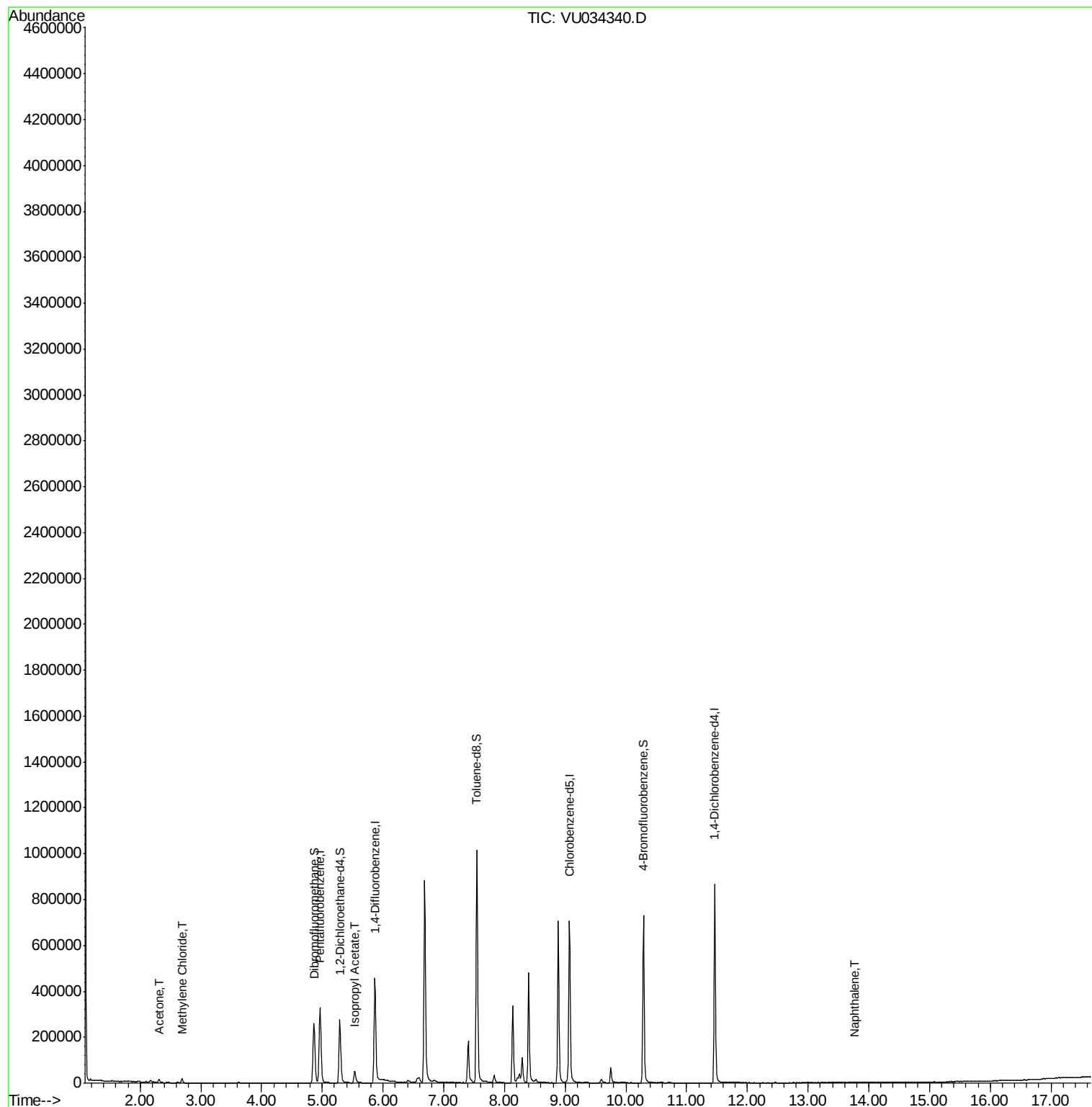
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	274507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	412040	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	419372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	249317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	215750	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
35) Dibromofluoromethane	4.86	113	188936	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	7.55	98	725568	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	10.29	95	256203	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
Target Compounds						
16) Acetone	2.31	43	15656	7.284	ug/l	97
20) Methylene Chloride	2.69	84	8141	1.928	ug/l	92
43) Isopropyl Acetate	5.53	43	61089	7.412	ug/l	98
95) Naphthalene	13.76	128	7002	4.354	ug/l #	78

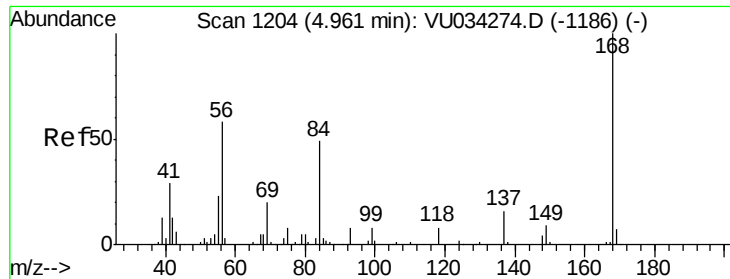
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034340.D

Acq: 06 Sep 2019 18:53

Instrument :

MSVOA_U

ClientSampleId :

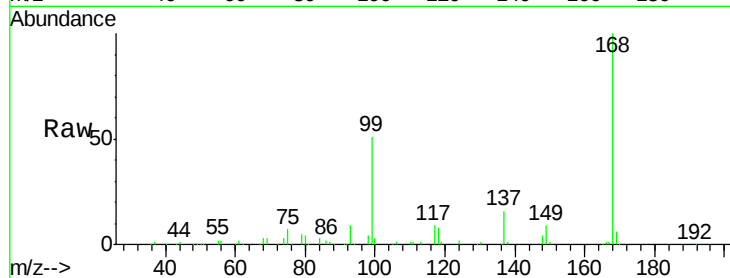
T12-A4-(0)

Tot Ion:168 Resp: 274507

Ion Ratio Lower Upper

168 100

99 51.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

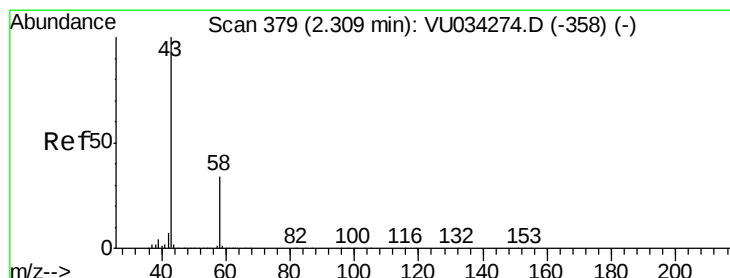
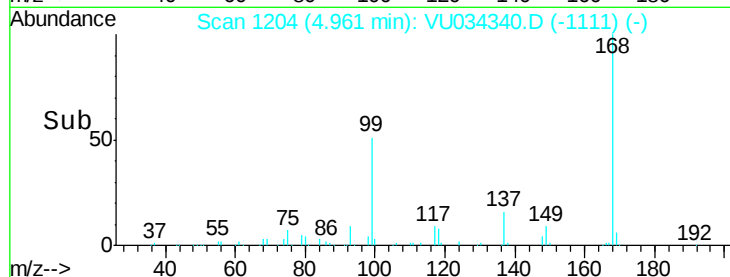
4.96

100000

50000

0

Time-->



#16

Acetone

Concen: 7.284 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034340.D

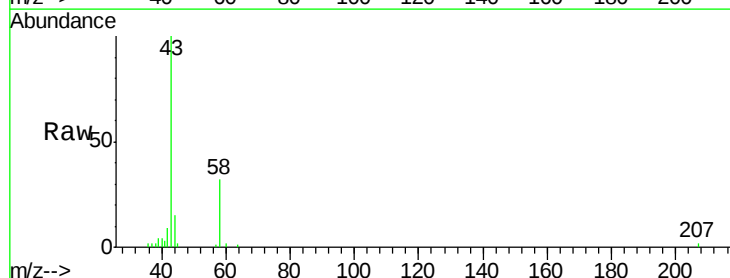
Acq: 06 Sep 2019 18:53

Tgt Ion: 43 Resp: 15656

Ion Ratio Lower Upper

43 100

58 32.8 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

2.31

10000

8000

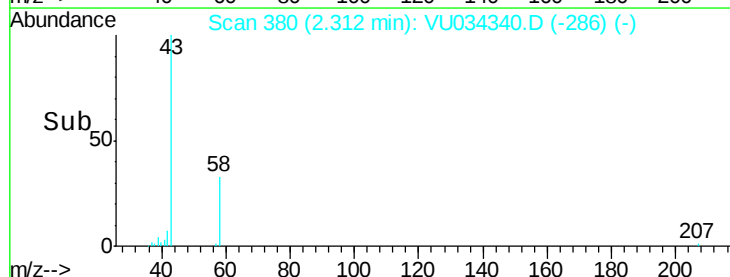
6000

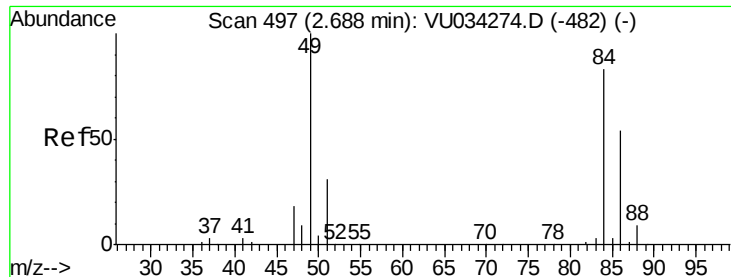
4000

2000

0

Time-->

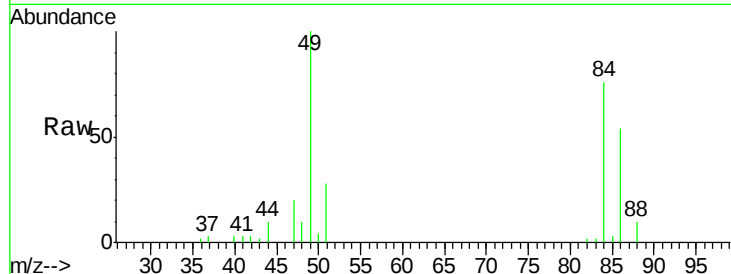




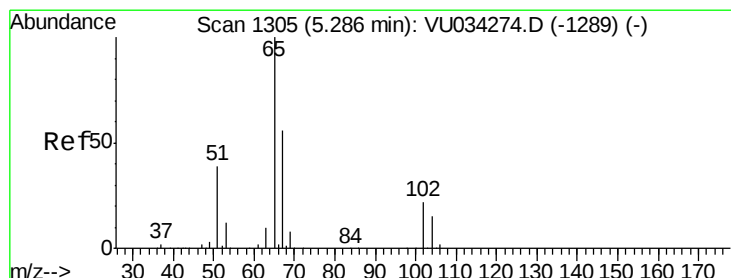
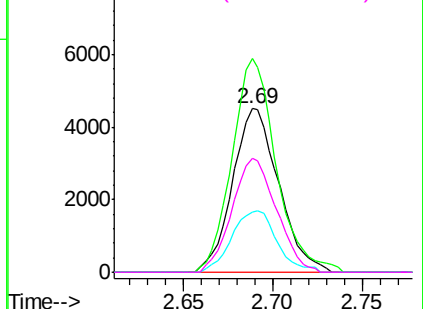
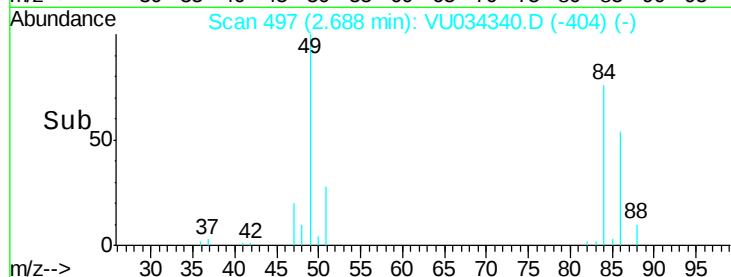
#20
Methylene Chloride
Concen: 1.928 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034340.D
Acq: 06 Sep 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
T12-A4-(0)

Tot Ion:	84	Resp:	8141
Ion	Ratio	Lower	Upper
84	100		
49	130.8	96.0	144.0
51	36.5	30.0	45.0
86	70.0	51.4	77.0

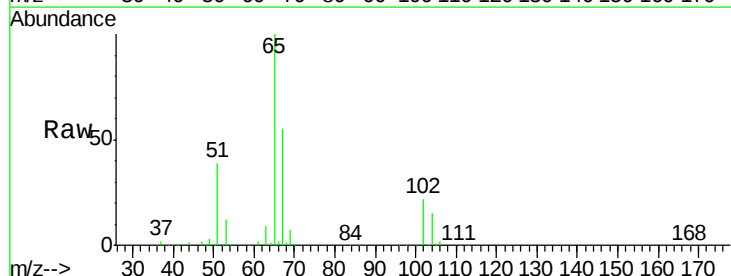


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

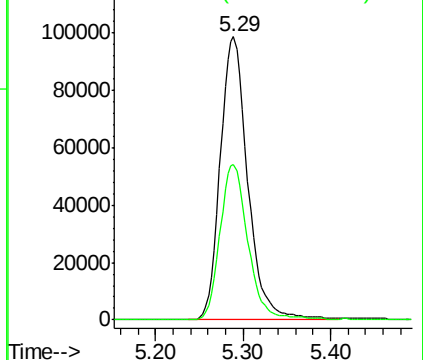
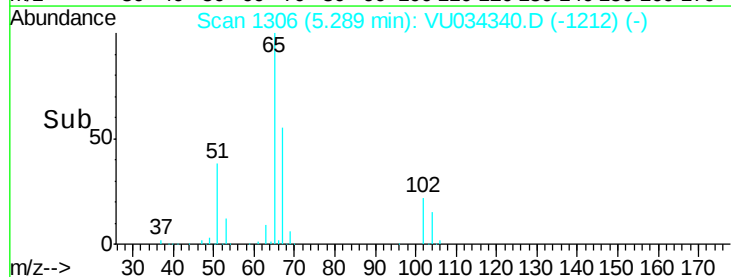


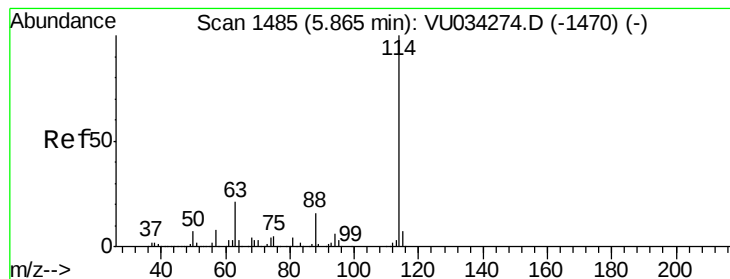
#33
1,2-Dichloroethane-d4
Concen: 51.946 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034340.D
Acq: 06 Sep 2019 18:53

Tgt Ion:	65	Resp:	215750
Ion	Ratio	Lower	Upper
65	100		
67	56.0	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: VU034340.D

Acq: 06 Sep 2019 18:53

Instrument :

MSVOA_U

ClientSampleId :

T12-A4-(0)

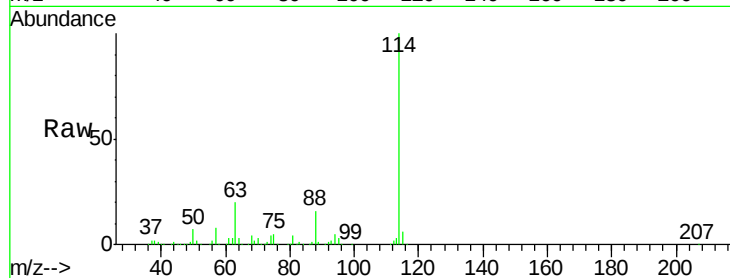
Tot Ion:114 Resp: 412040

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

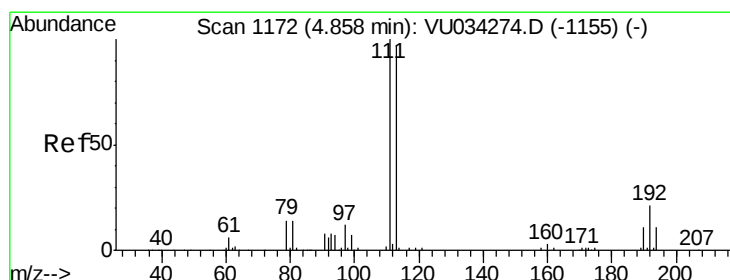
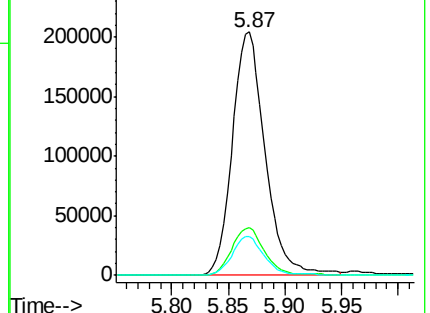
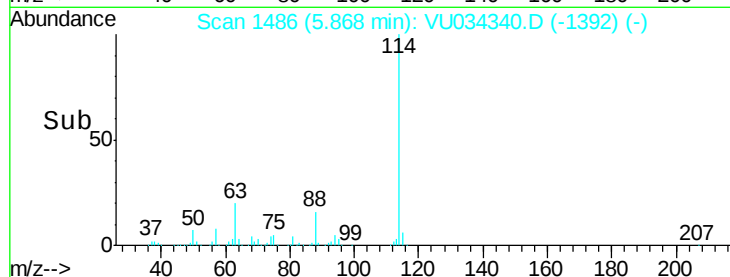
88 16.1 0.0 32.4



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: 49.278 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034340.D

Acq: 06 Sep 2019 18:53

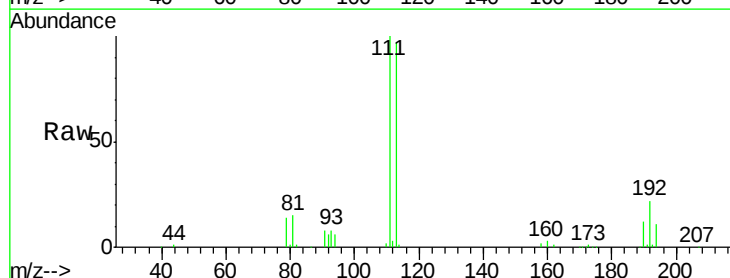
Tgt Ion:113 Resp: 188936

Ion Ratio Lower Upper

113 100

111 101.1 81.5 122.3

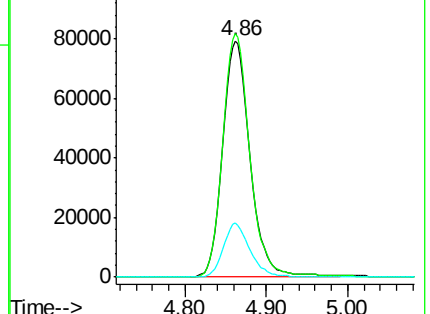
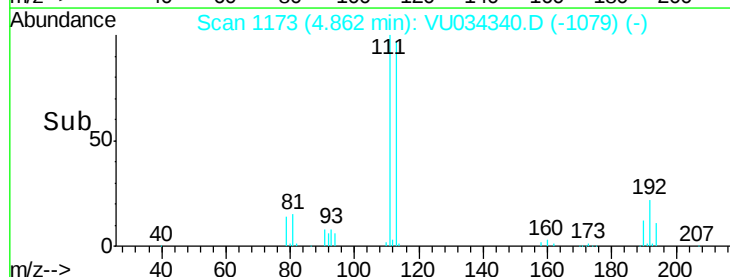
192 21.9 17.8 26.8

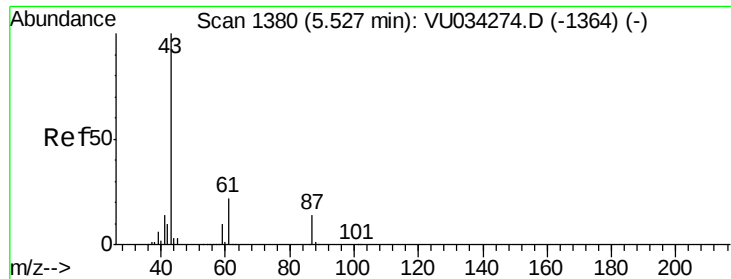


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

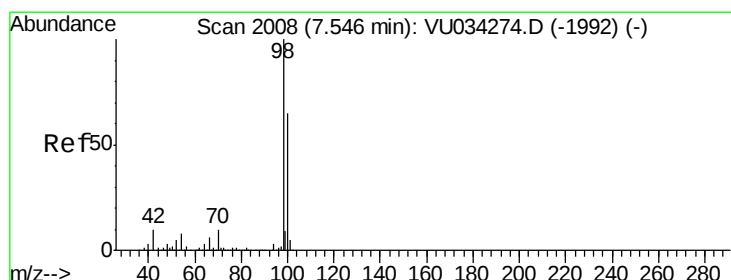
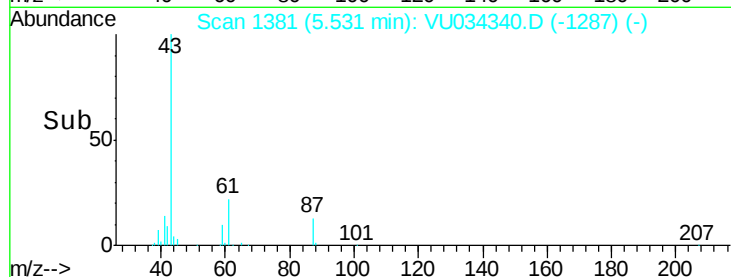
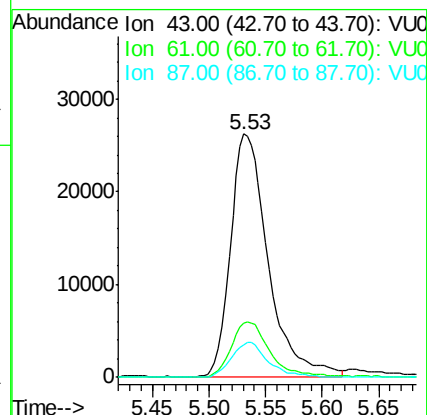
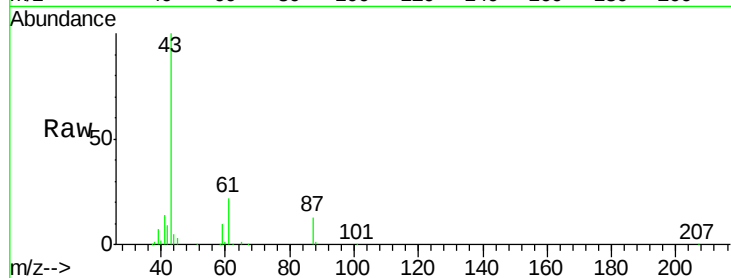




#43
Isopropyl Acetate
Concen: 7.412 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034340.D
Acq: 06 Sep 2019 18:53

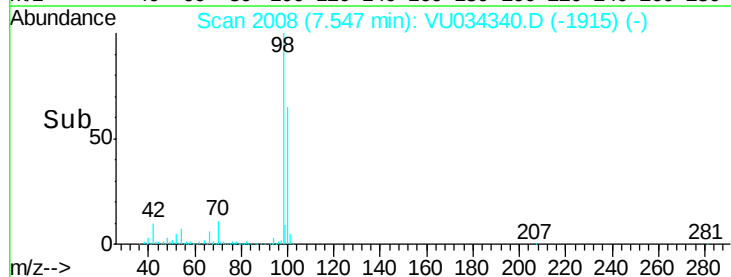
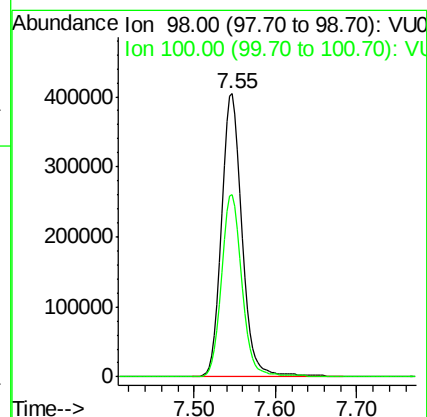
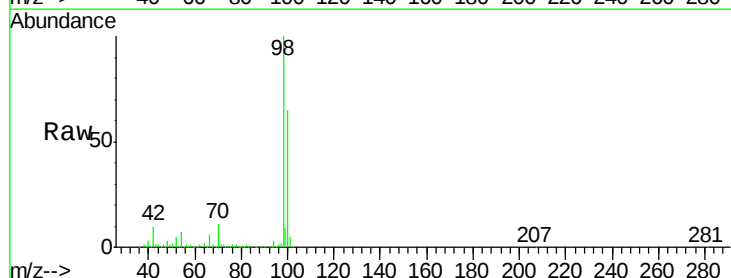
Instrument :
MSVOA_U
ClientSampleId :
T12-A4-(0)

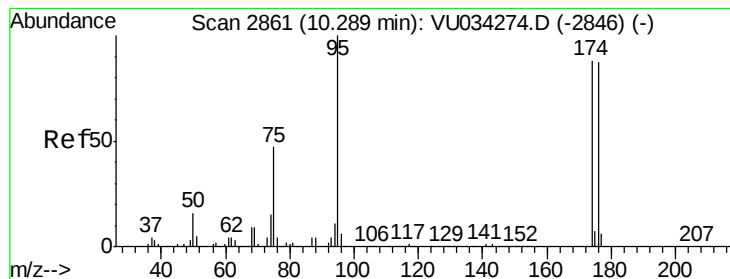
Tot Ion	43	Resp	61089
Ion Ratio	Lower	Upper	
43	100		
61	23.1	17.1	25.7
87	13.8	11.1	16.7



#50
Toluene-d8
Concen: 50.371 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034340.D
Acq: 06 Sep 2019 18:53

Tgt Ion	98	Resp	725568
Ion Ratio	Lower	Upper	
98	100		
100	64.3	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 46.067 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034340.D

Acq: 06 Sep 2019 18:53

Instrument :

MSVOA_U

ClientSampleId :

T12-A4-(0)

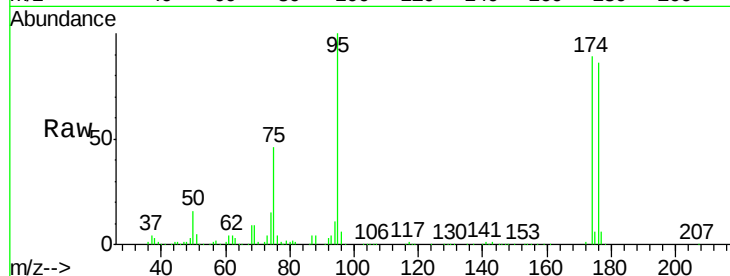
Tot Ion: 95 Resp: 256203

Ion Ratio Lower Upper

95 100

174 89.4 0.0 175.2

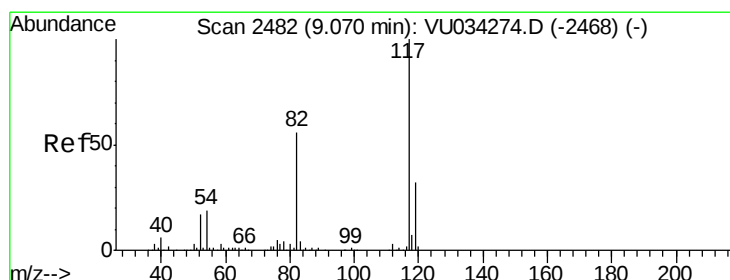
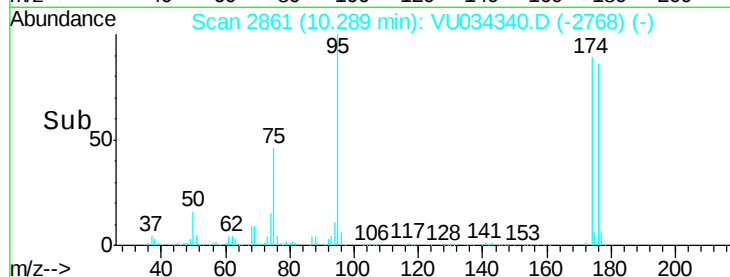
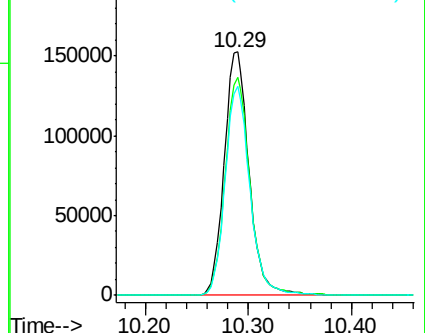
176 85.4 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034340.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034340.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034340.D (-2846) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034340.D

Acq: 06 Sep 2019 18:53

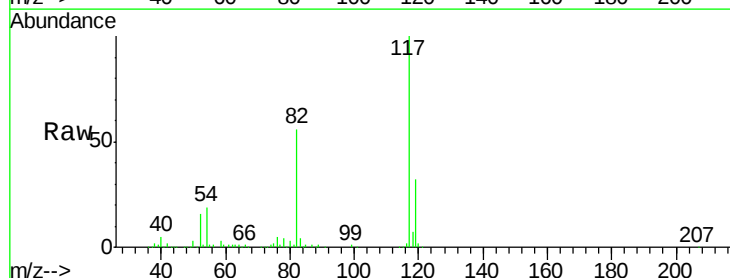
Tgt Ion: 117 Resp: 419372

Ion Ratio Lower Upper

117 100

82 55.6 44.6 67.0

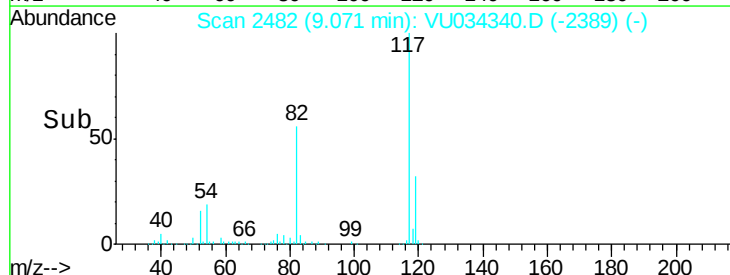
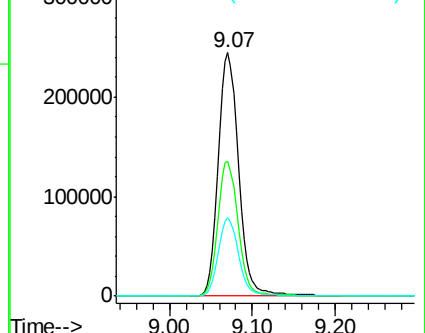
119 32.1 25.9 38.9

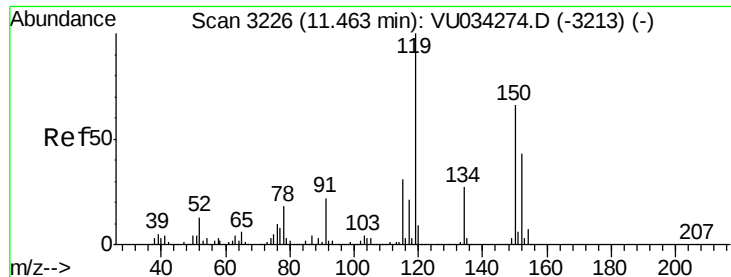


Abundance Ion 116.90 (116.60 to 117.60): VU034340.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034340.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034340.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: VU034340.D

Acq: 06 Sep 2019 18:53

Instrument :

MSVOA_U

ClientSampleId :

T12-A4-(0)

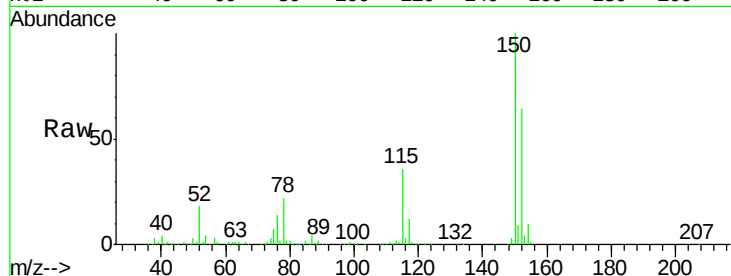
Tot Ion:152 Resp: 249317

Ion Ratio Lower Upper

152 100

115 56.3 39.1 117.3

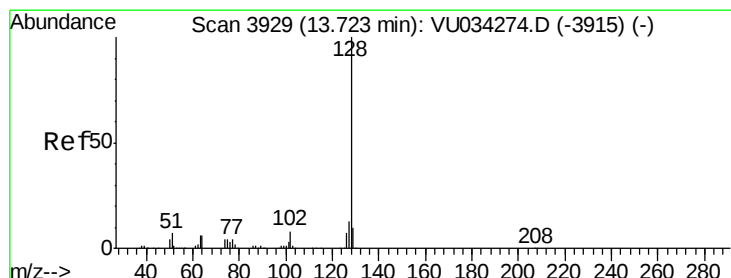
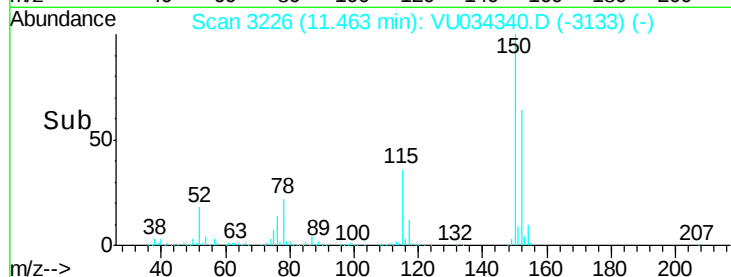
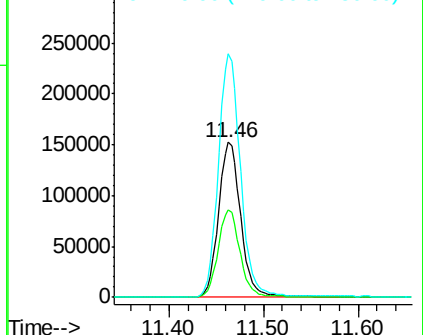
150 156.6 0.0 345.4



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



#95

Naphthalene

Concen: 4.354 ug/l

RT: 13.76 min Scan# 3941

Delta R.T. 0.04 min

Lab File: VU034340.D

Acq: 06 Sep 2019 18:53

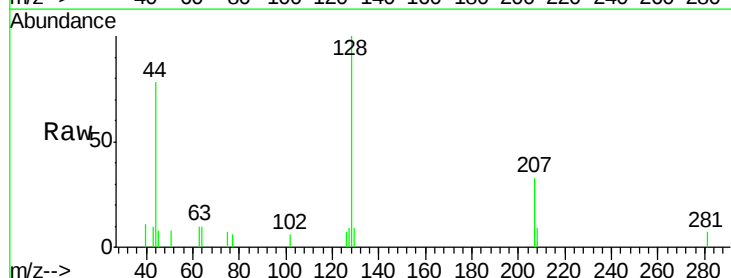
Tgt Ion:128 Resp: 7002

Ion Ratio Lower Upper

128 100

127 3.3 10.6 15.8#

129 3.9 8.4 12.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

