

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034442.D
 Acq On : 10 Sep 2019 11:42
 Operator : JC/SP
 Sample : K4698-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GW507-K2-35.0-40.0-090419

Quant Time: Sep 11 06:32:53 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

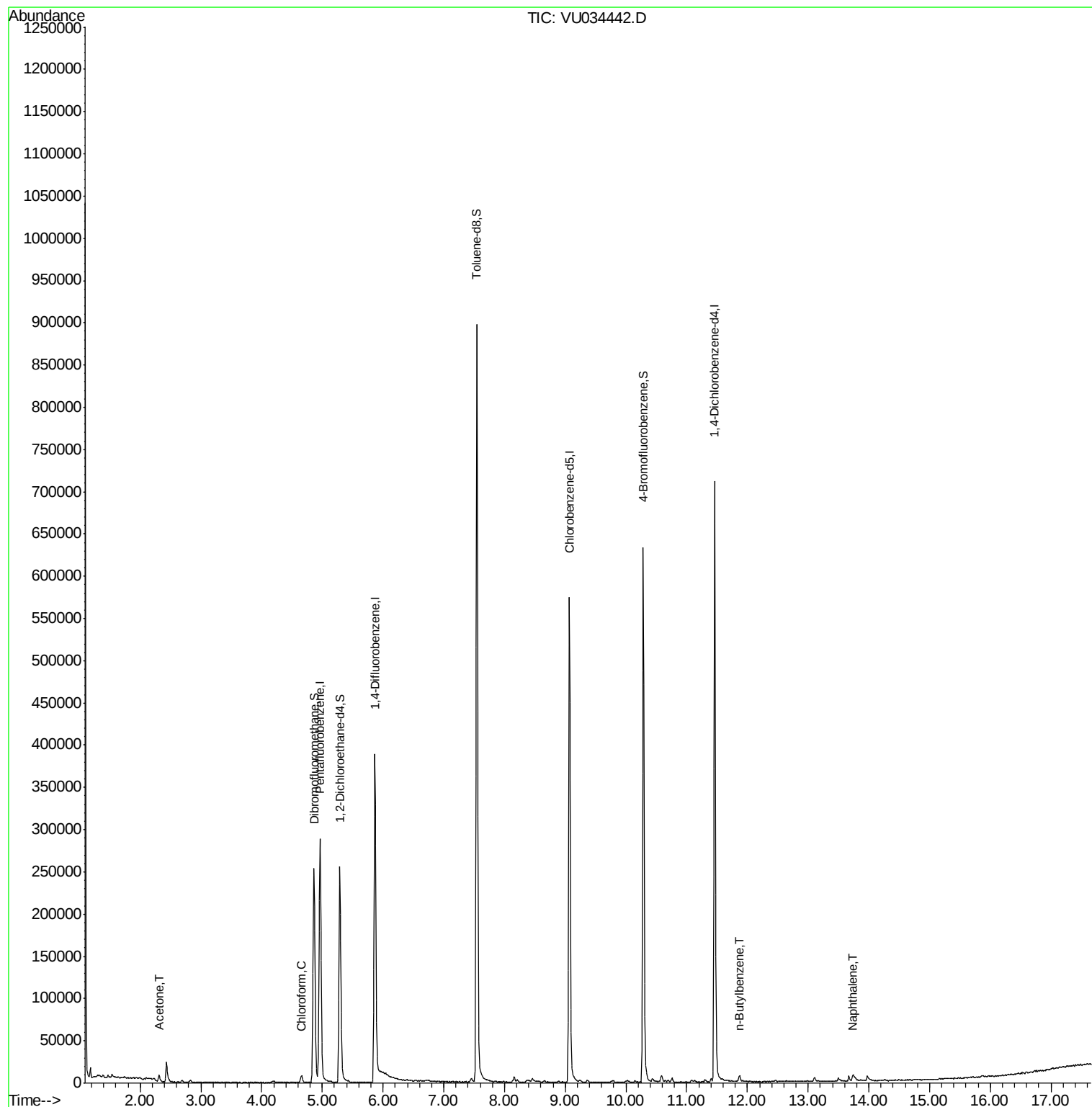
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	239786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	344296	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	348908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	205504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	204098	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.52%	
35) Dibromofluoromethane	4.86	113	179078	55.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.80%	
50) Toluene-d8	7.55	98	639074	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
62) 4-Bromofluorobenzene	10.29	95	217185	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
Target Compounds						
16) Acetone	2.31	43	8814	4.695	ug/l	98
30) Chloroform	4.66	83	7745	1.312	ug/l	97
89) n-Butylbenzene	11.87	91	3284	0.310	ug/l	96
95) Naphthalene	13.74	128	12054	4.776	ug/l #	87

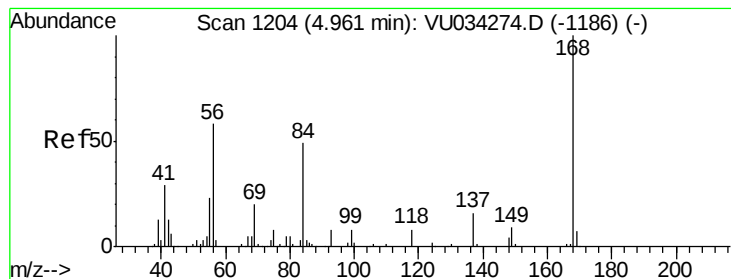
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
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: VU034442.D

Acq: 10 Sep 2019 11:42

Instrument :

MSVOA_U

ClientSampleId :

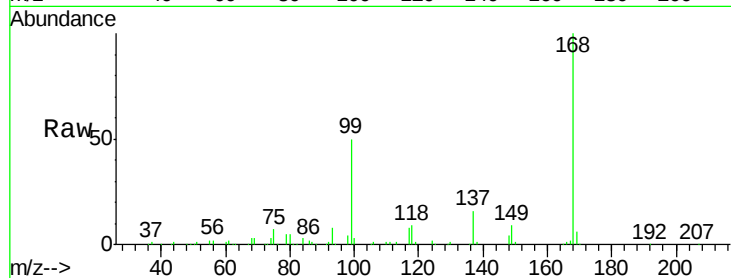
GW507-K2-35.0-40.0-090419

Tot Ion:168 Resp: 239786

Ion Ratio Lower Upper

168 100

99 50.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034442.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034442.D (-1111) (-)

4.96

120000

100000

80000

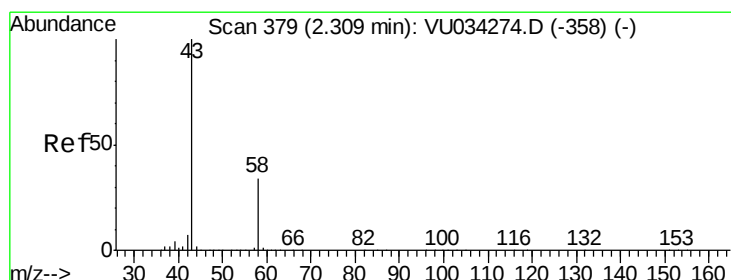
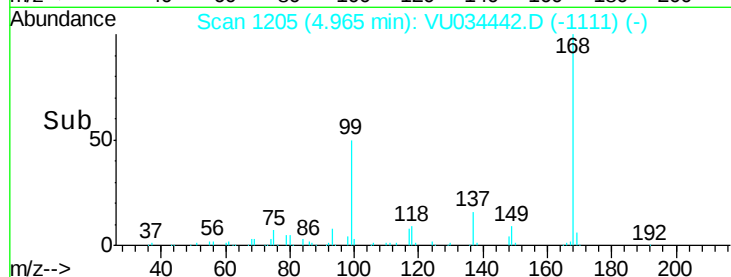
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.695 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034442.D

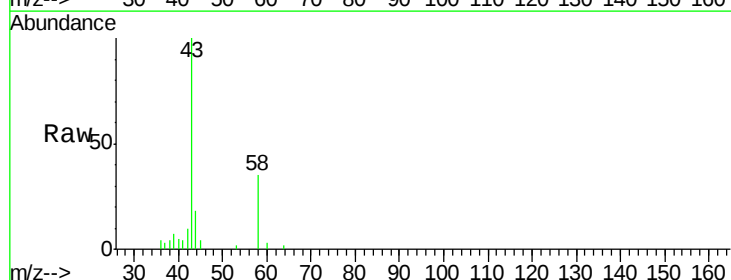
Acq: 10 Sep 2019 11:42

Tgt Ion: 43 Resp: 8814

Ion Ratio Lower Upper

43 100

58 35.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034442.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034442.D (-286) (-)

2.31

6000

5000

4000

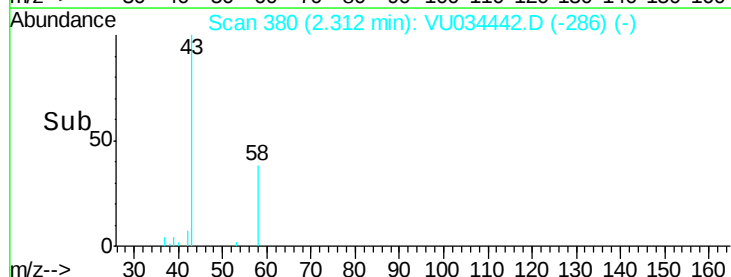
3000

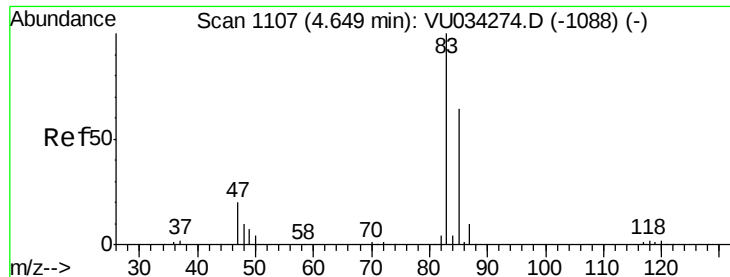
2000

1000

0

Time-->

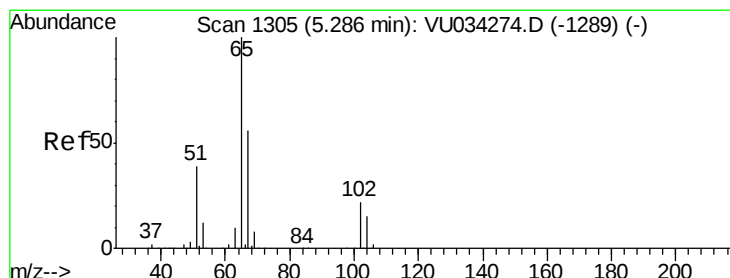
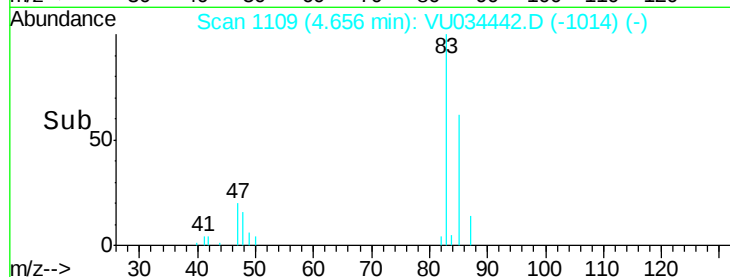
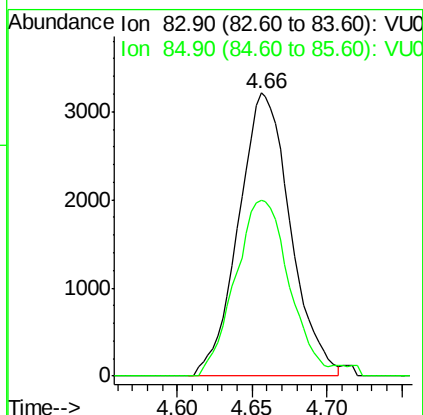
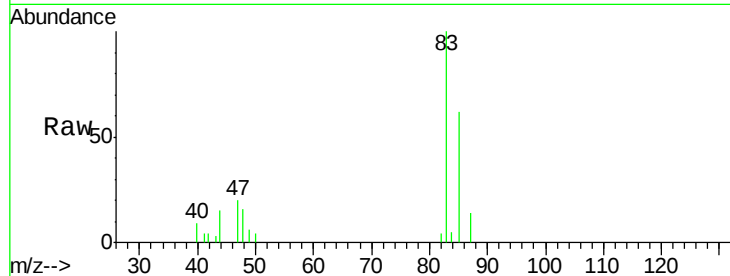




#30
 Chloroform
 Concen: 1.312 ug/l
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: VU034442.D
 Acq: 10 Sep 2019 11:42

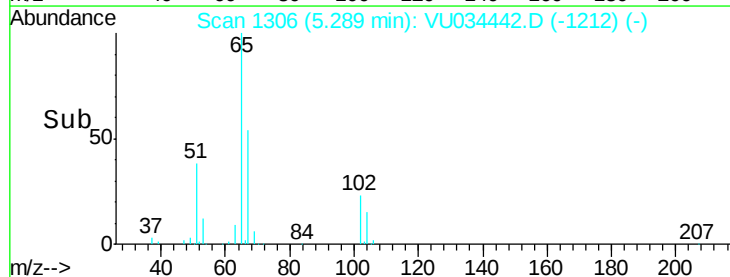
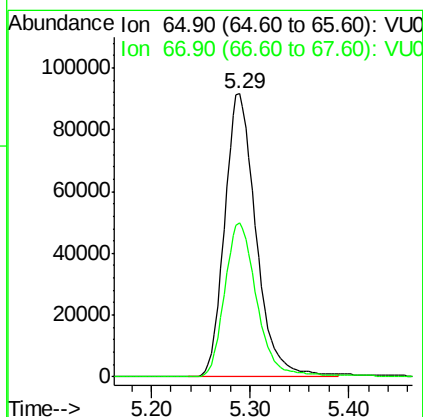
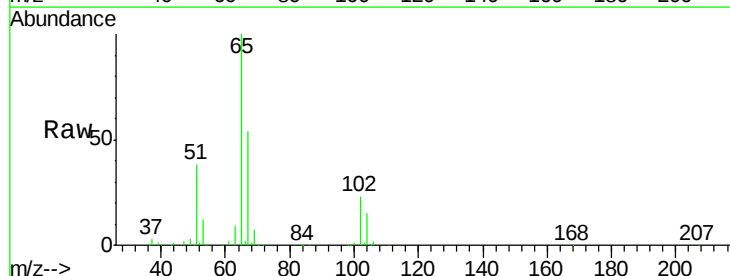
Instrument :
 MSVOA_U
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 GW507-K2-35.0-40.0-090419

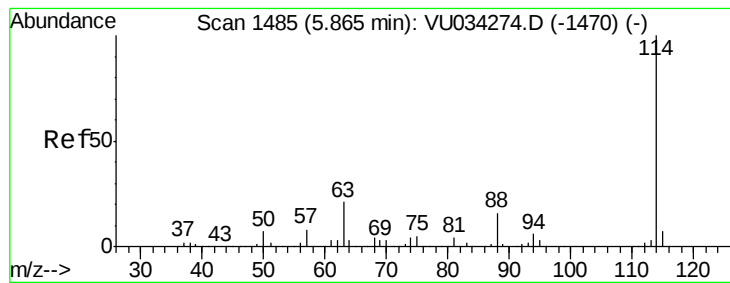
Tot Ion: 83 Resp: 7745
 Ion Ratio Lower Upper
 83 100
 85 62.3 51.5 77.3



#33
 1,2-Dichloroethane-d4
 Concen: 56.256 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034442.D
 Acq: 10 Sep 2019 11:42

Tgt Ion: 65 Resp: 204098
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034442.D

Acq: 10 Sep 2019 11:42

Instrument :

MSVOA_U

ClientSampleId :

GW507-K2-35.0-40.0-090419

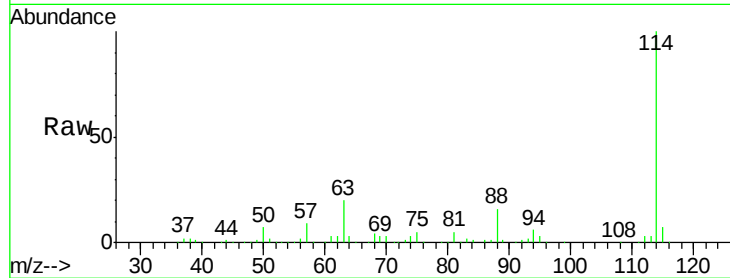
Tot Ion:114 Resp: 344296

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

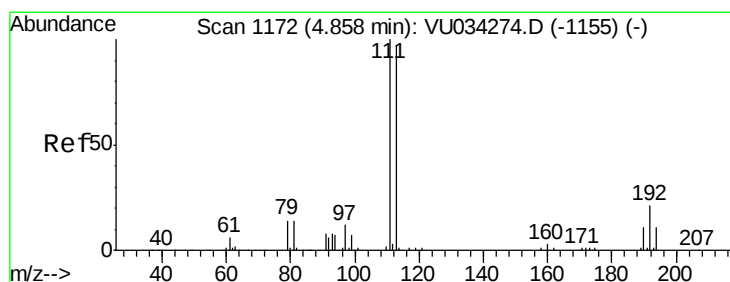
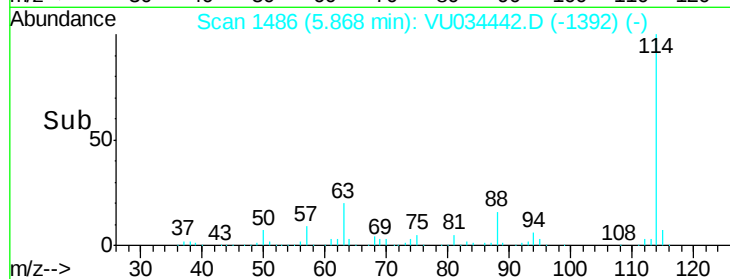
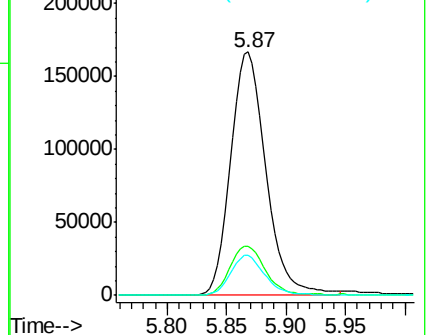
88 16.4 0.0 32.4



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: 55.897 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034442.D

Acq: 10 Sep 2019 11:42

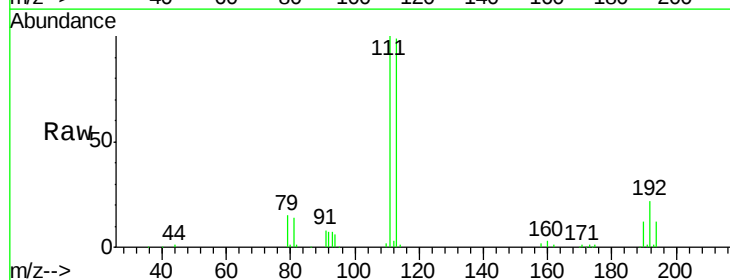
Tgt Ion:113 Resp: 179078

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

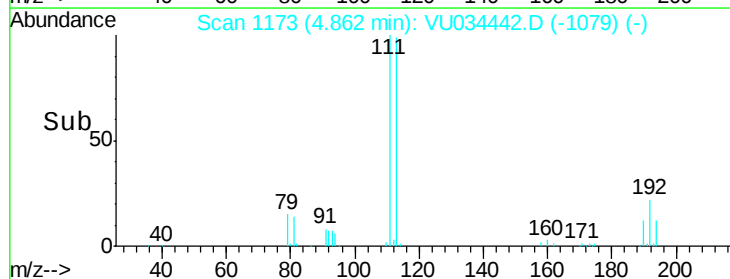
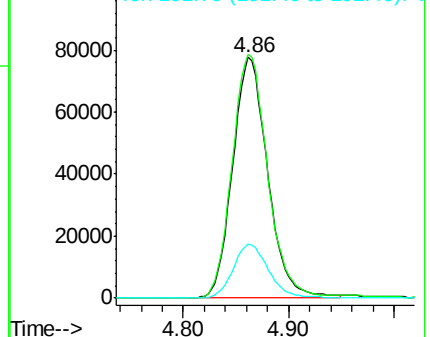
192 22.6 17.8 26.8

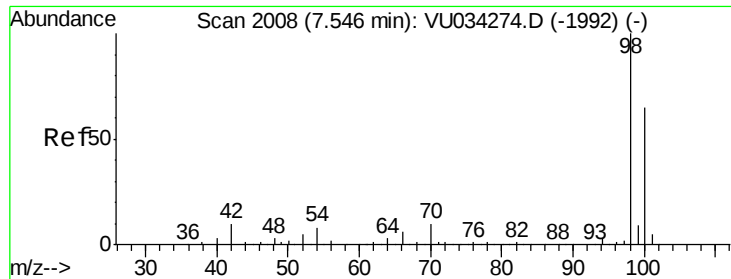


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.095 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034442.D

Acq: 10 Sep 2019 11:42

Instrument :

MSVOA_U

ClientSampleId :

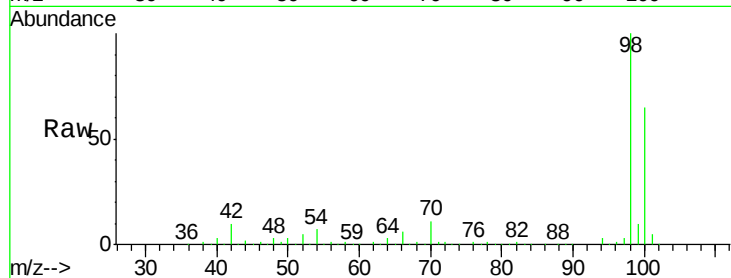
GW507-K2-35.0-40.0-090419

Tot Ion: 98 Resp: 639074

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034274.D (-1992) (-)

Ion 100.00 (99.70 to 100.70): VU034274.D (-1992) (-)

7.55

400000

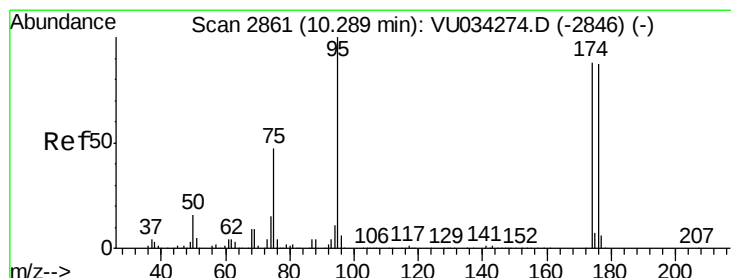
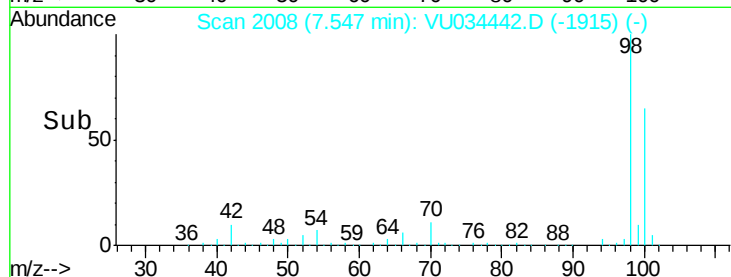
300000

200000

100000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 46.735 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034442.D

Acq: 10 Sep 2019 11:42

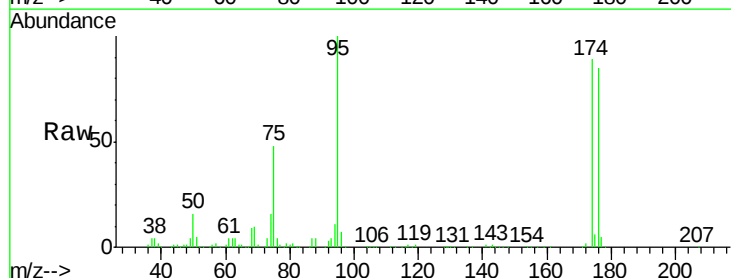
Tgt Ion: 95 Resp: 217185

Ion Ratio Lower Upper

95 100

174 90.9 0.0 175.2

176 86.0 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034274.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034274.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034274.D (-2846) (-)

10.29

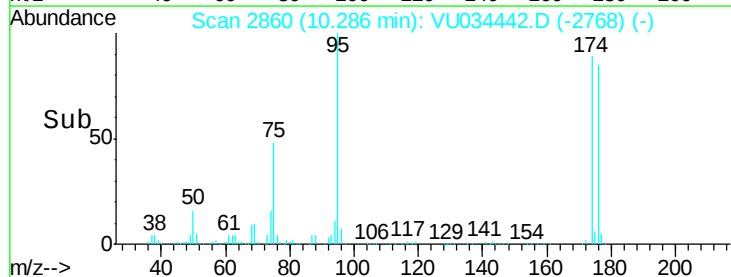
150000

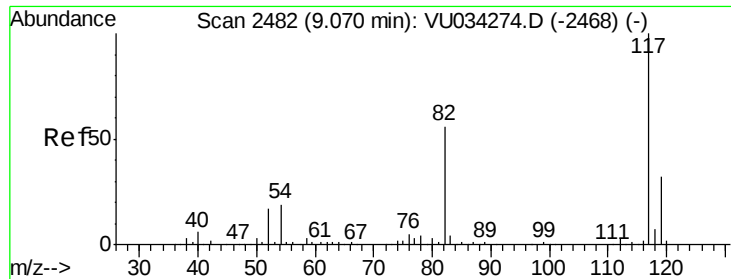
100000

50000

0

Time--> 10.20 10.30 10.40

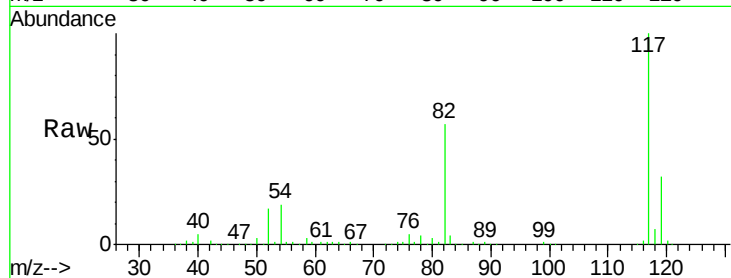




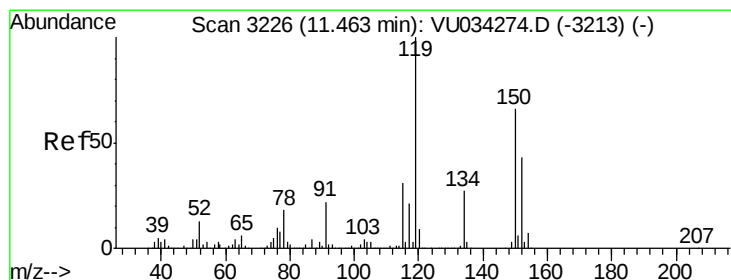
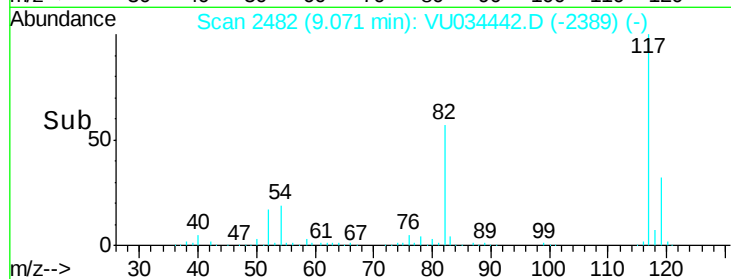
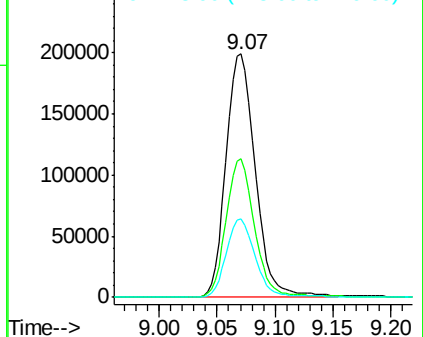
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034442.D
Acq: 10 Sep 2019 11:42

Instrument :
MSVOA_U
ClientSampleId :
GW507-K2-35.0-40.0-090419

Tot Ion:117 Resp: 348908
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 32.3 25.9 38.9

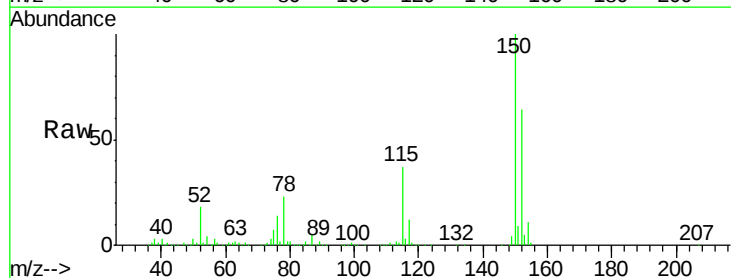


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

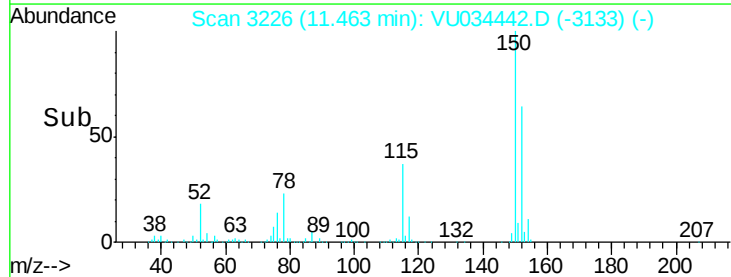
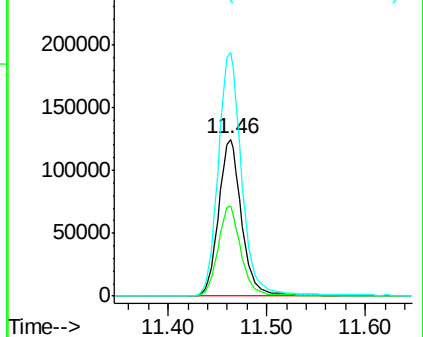


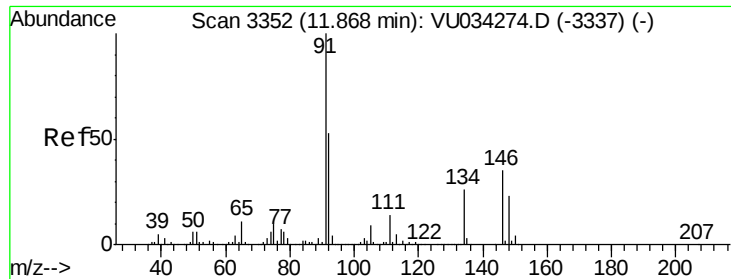
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034442.D
Acq: 10 Sep 2019 11:42

Tgt Ion:152 Resp: 205504
Ion Ratio Lower Upper
152 100
115 57.2 39.1 117.3
150 157.8 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

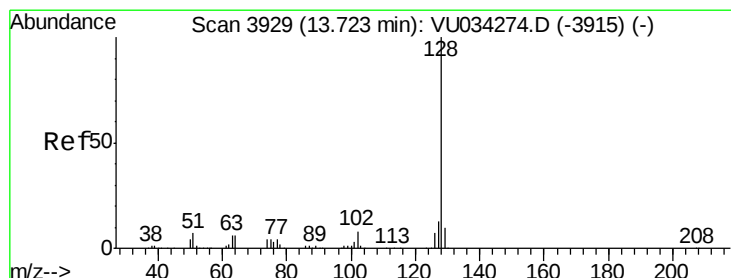
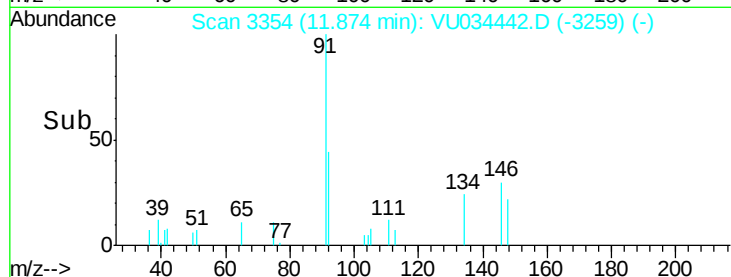
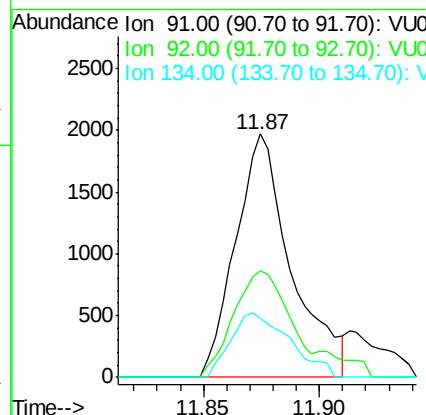
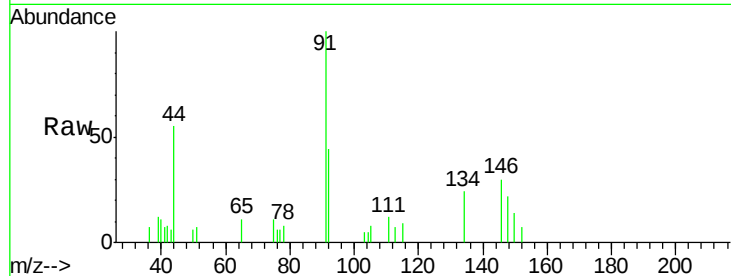




#89
n-Butylbenzene
Concen: 0.310 ug/l
RT: 11.87 min Scan# 3354
Delta R.T. 0.01 min
Lab File: VU034442.D
Acq: 10 Sep 2019 11:42

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Tot Ion: 91 Resp: 3284
Ion Ratio Lower Upper
91 100
92 50.2 26.5 79.4
134 28.0 13.2 39.6



#95
Naphthalene
Concen: 4.776 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.02 min
Lab File: VU034442.D
Acq: 10 Sep 2019 11:42

Tgt Ion: 128 Resp: 12054
Ion Ratio Lower Upper
128 100
127 7.5 10.6 15.8#
129 6.2 8.4 12.6#

