

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034440.D
 Acq On : 10 Sep 2019 10:56
 Operator : JC/SP
 Sample : K4697-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GW507-K2-10.0-15.0-090419

Quant Time: Sep 11 06:28:33 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

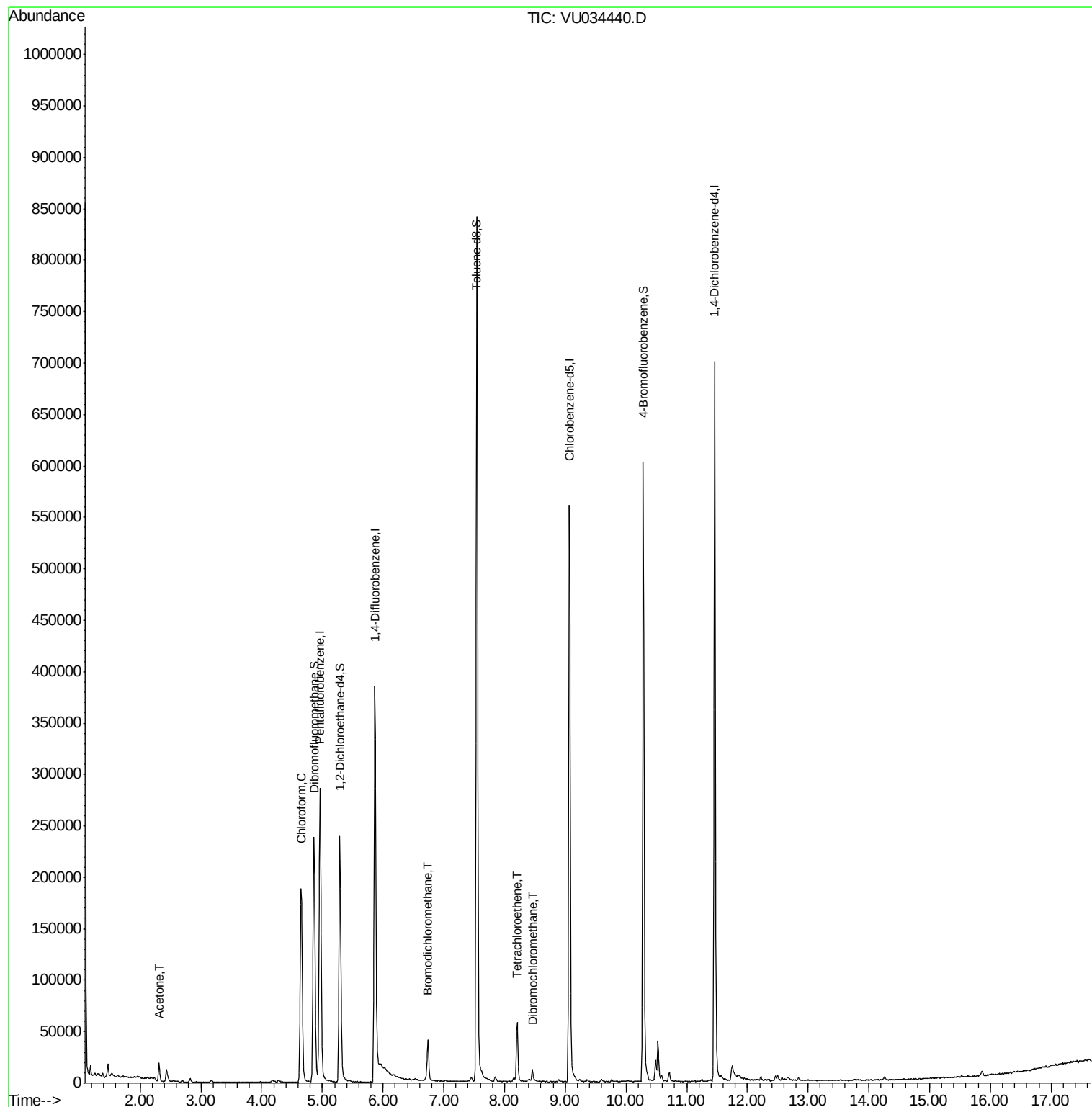
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	234885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	335214	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	345224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	203148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	190851	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
35) Dibromofluoromethane	4.86	113	170133	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
50) Toluene-d8	7.55	98	593399	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	10.29	95	202736	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
16) Acetone	2.31	43	17630	9.586	ug/l	98
30) Chloroform	4.65	83	192016	33.200	ug/l	99
47) Bromodichloromethane	6.74	83	27187	6.136	ug/l	99
60) Dibromochloromethane	8.46	129	4455	1.243	ug/l	96
64) Tetrachloroethene	8.21	164	14714	4.913	ug/l	94

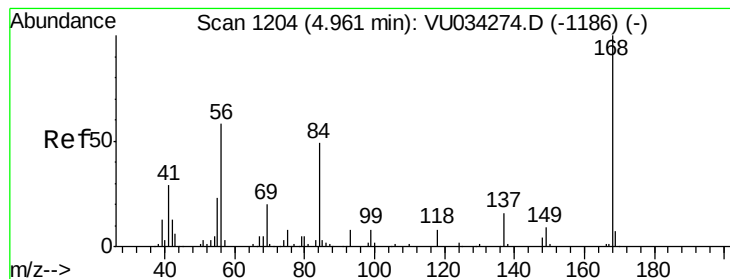
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034440.D

Acq: 10 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

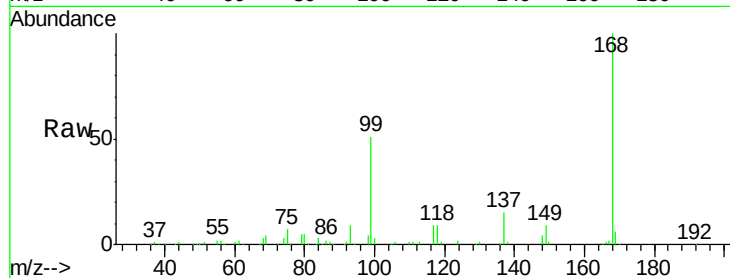
GW507-K2-10.0-15.0-090419

Tot Ion:168 Resp: 234885

Ion Ratio Lower Upper

168 100

99 51.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034440.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034440.D (-1186) (-)

120000

100000

80000

60000

40000

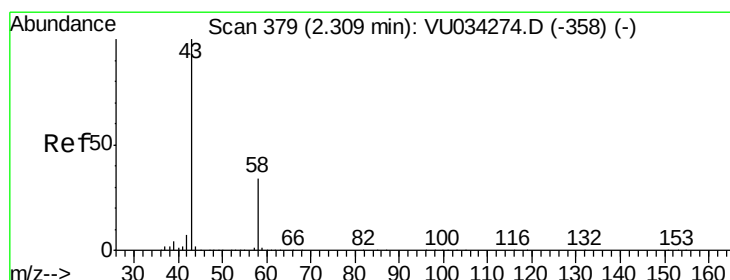
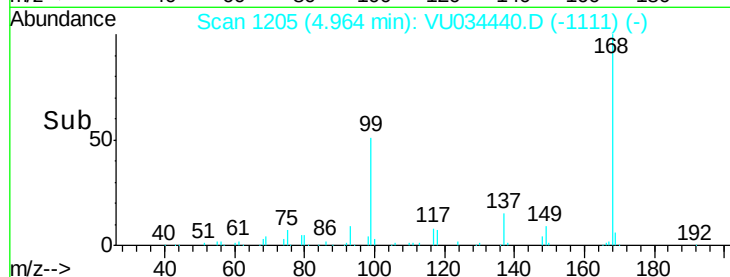
20000

0

4.96

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 9.586 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034440.D

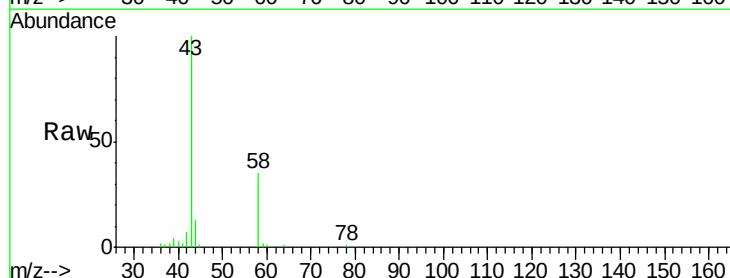
Acq: 10 Sep 2019 10:56

Tgt Ion: 43 Resp: 17630

Ion Ratio Lower Upper

43 100

58 35.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034440.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034440.D (-286) (-)

12000

10000

8000

6000

4000

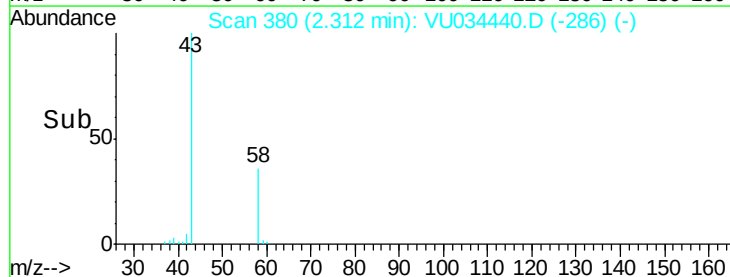
2000

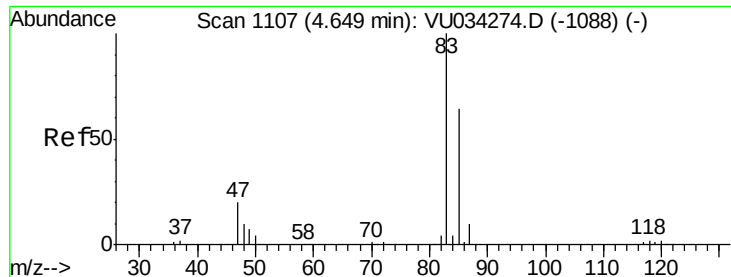
0

2.31

2.25 2.35 2.40

Time-->

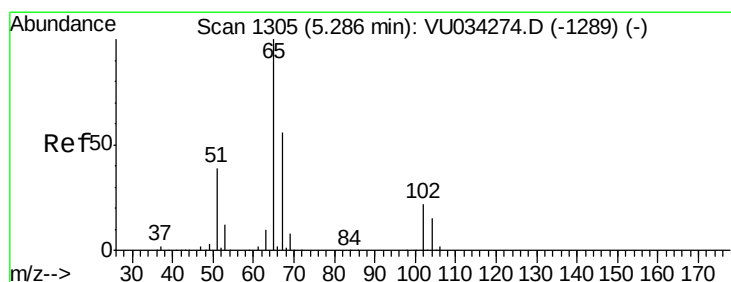
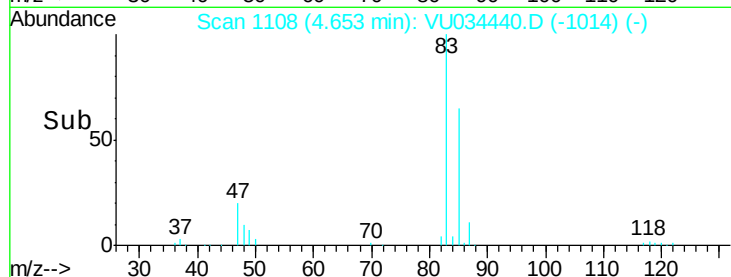
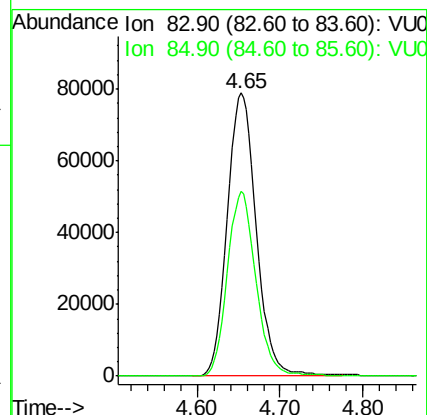
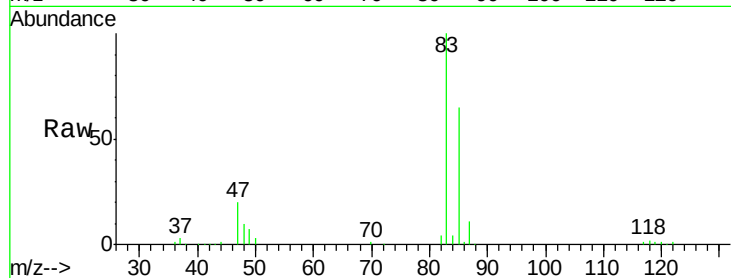




#30
Chloroform
Concen: 33.200 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034440.D
Acq: 10 Sep 2019 10:56

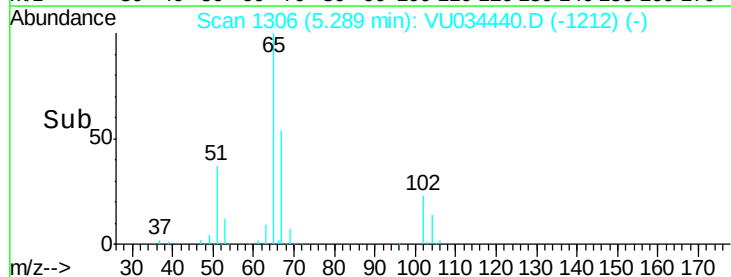
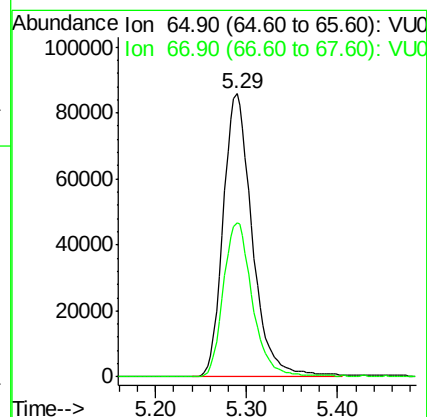
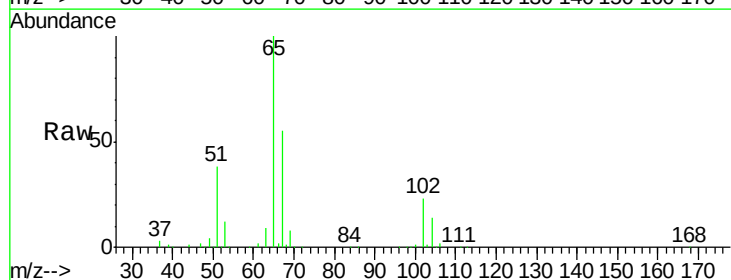
Instrument :
MSVOA_U
ClientSampleId :
GW507-K2-10.0-15.0-090419

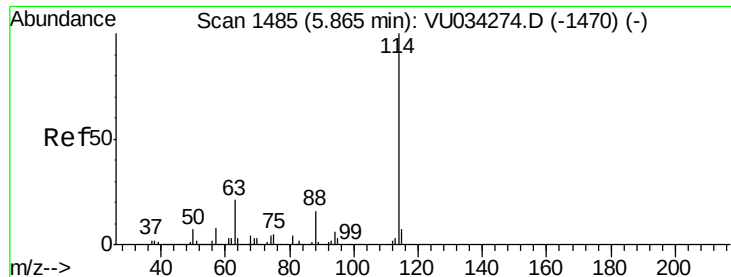
Tot Ion: 83 Resp: 192016
Ion Ratio Lower Upper
83 100
85 65.3 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 53.702 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034440.D
Acq: 10 Sep 2019 10:56

Tgt Ion: 65 Resp: 190851
Ion Ratio Lower Upper
65 100
67 54.2 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: VU034440.D

Acq: 10 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

GW507-K2-10.0-15.0-090419

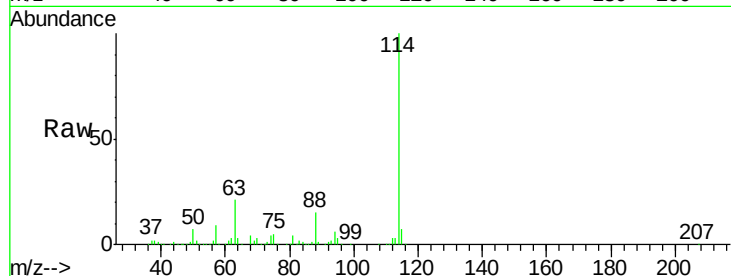
Tot Ion:114 Resp: 335214

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 15.3 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

200000

150000

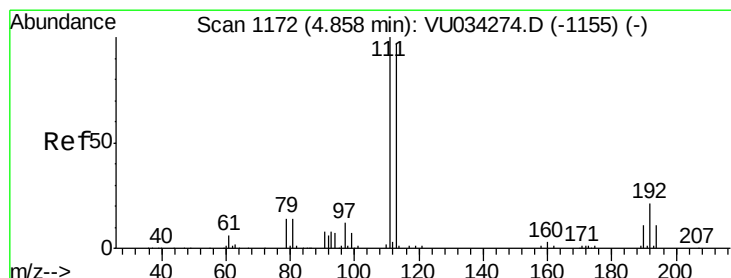
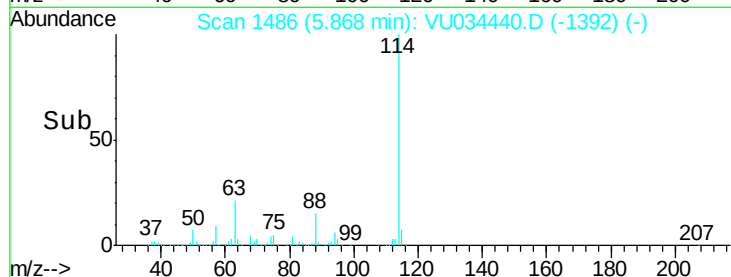
100000

50000

0

5.80 5.85 5.90 5.95

Time-->



#35

Dibromofluoromethane

Concen: 54.544 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034440.D

Acq: 10 Sep 2019 10:56

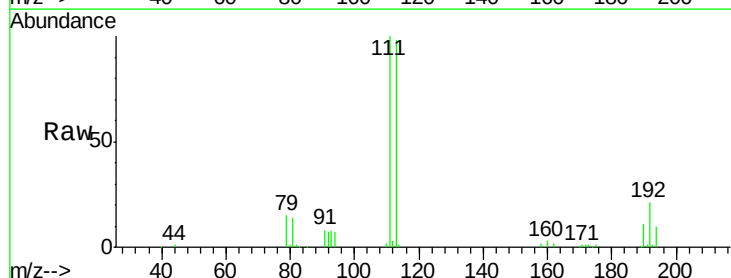
Tgt Ion:113 Resp: 170133

Ion Ratio Lower Upper

113 100

111 103.6 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

100000

80000

60000

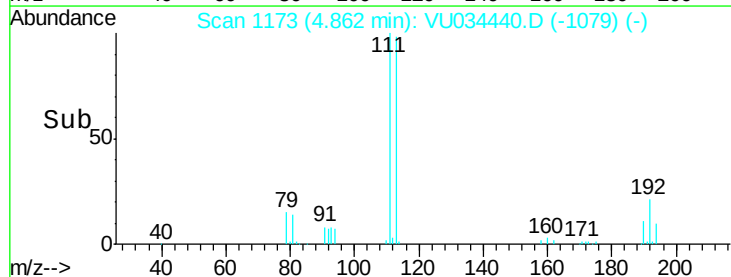
40000

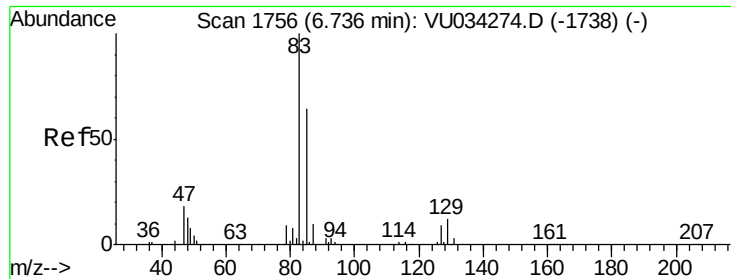
20000

0

4.80 4.90

Time-->

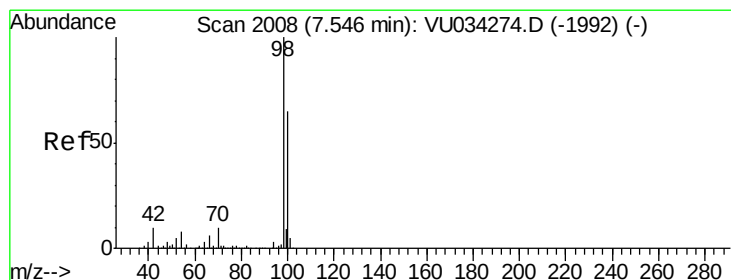
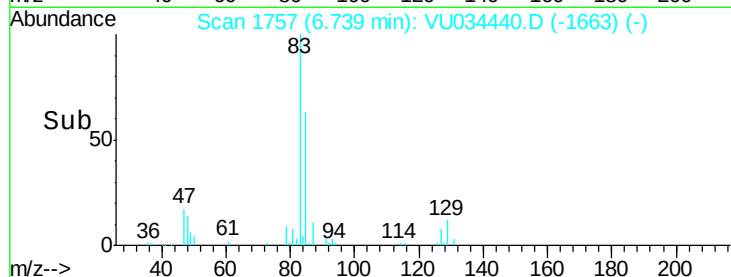
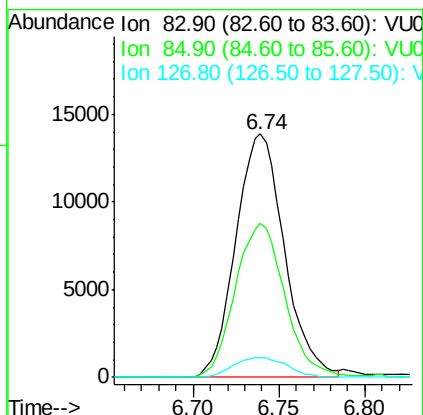
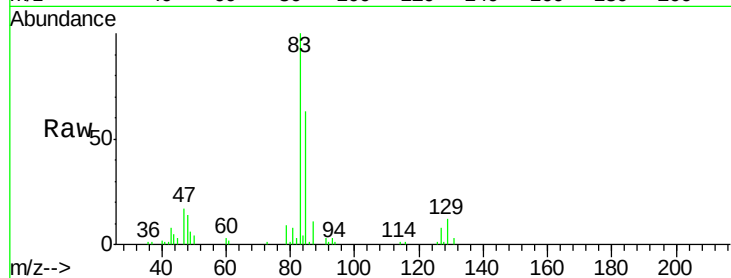




#47
 Bromodichloromethane
 Concen: 6.136 ug/l
 RT: 6.74 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VU034440.D
 Acq: 10 Sep 2019 10:56

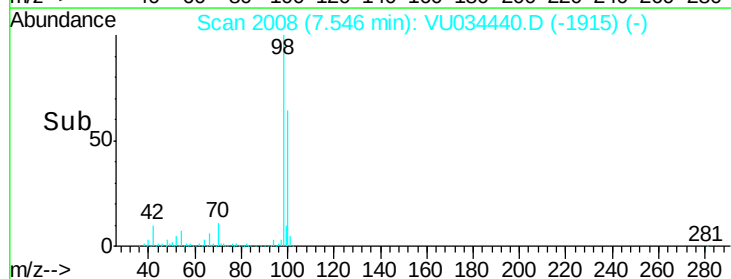
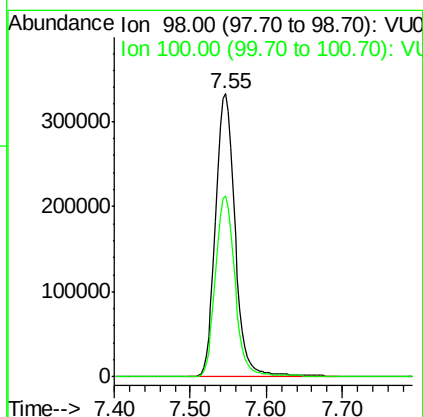
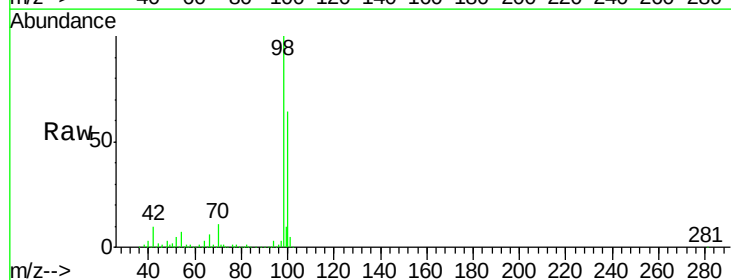
Instrument :
 MSVOA_U
 ClientSampleId :
 GW507-K2-10.0-15.0-090419

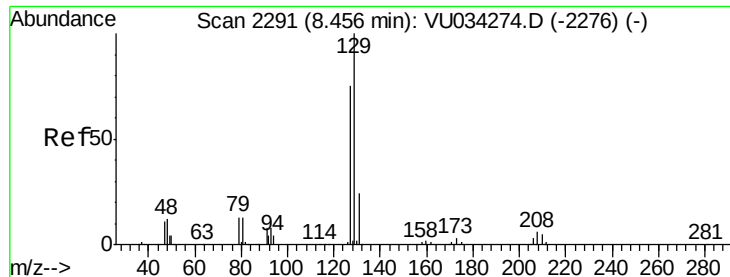
Tot Ion: 83 Resp: 27187
 Ion Ratio Lower Upper
 83 100
 85 63.0 51.1 76.7
 127 8.3 7.2 10.8



#50
 Toluene-d8
 Concen: 50.636 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VU034440.D
 Acq: 10 Sep 2019 10:56

Tgt Ion: 98 Resp: 593399
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.7 77.5





#60

Dibromochloromethane

Concen: 1.243 ug/l

RT: 8.46 min Scan# 2293

Delta R.T. 0.01 min

Lab File: VU034440.D

Acq: 10 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

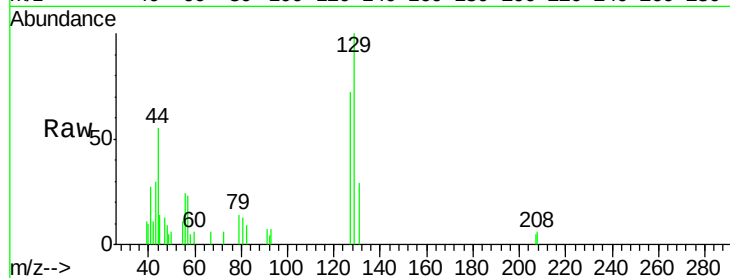
GW507-K2-10.0-15.0-090419

Tot Ion:129 Resp: 4455

Ion Ratio Lower Upper

129 100

127 72.4 37.9 113.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

8.46

2500

2000

1500

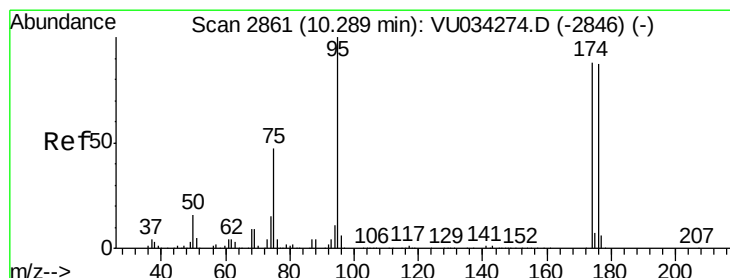
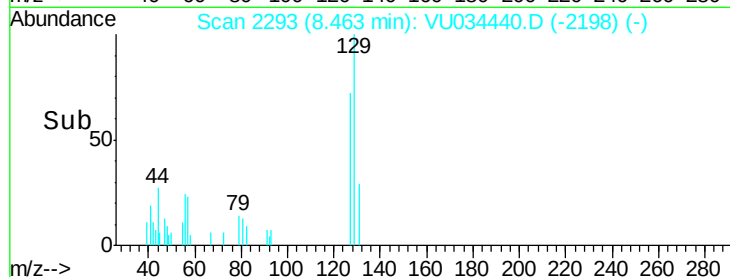
1000

500

0

8.40 8.45 8.50

Time-->



#62

4-Bromofluorobenzene

Concen: 44.808 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034440.D

Acq: 10 Sep 2019 10:56

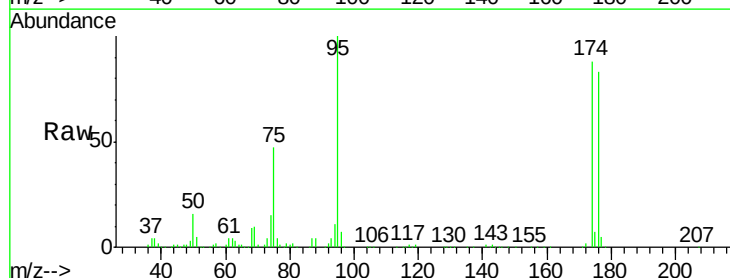
Tgt Ion: 95 Resp: 202736

Ion Ratio Lower Upper

95 100

174 90.5 0.0 175.2

176 85.2 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

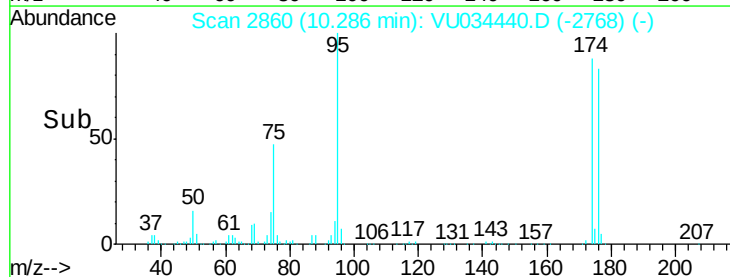
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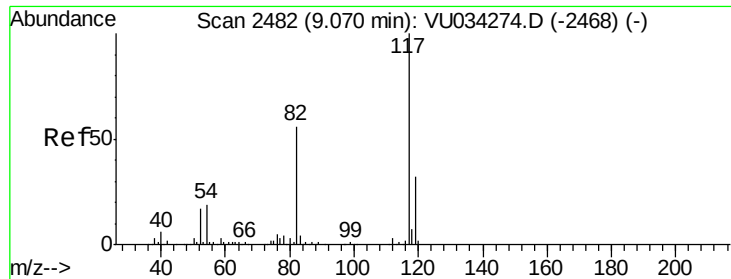
50000

0

10.20 10.30 10.40

Time-->

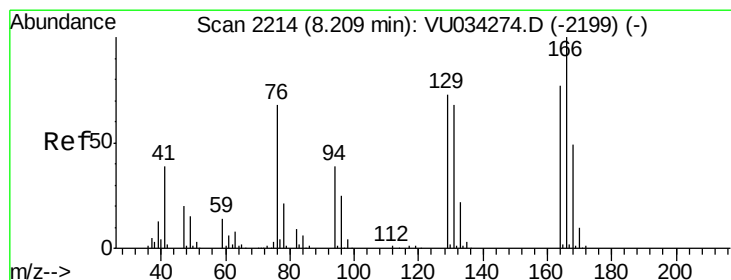
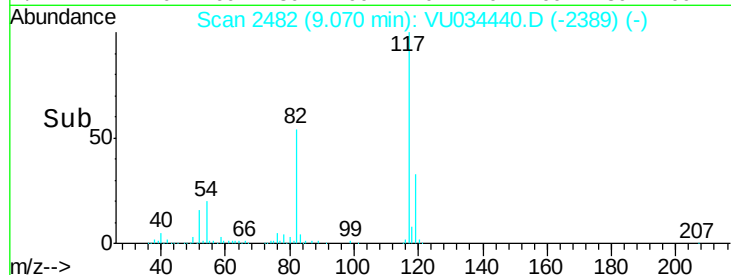
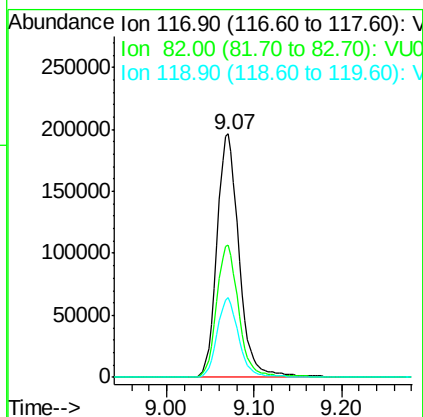
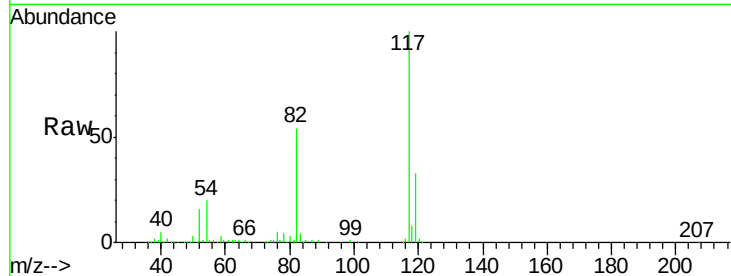




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034440.D
Acq: 10 Sep 2019 10:56

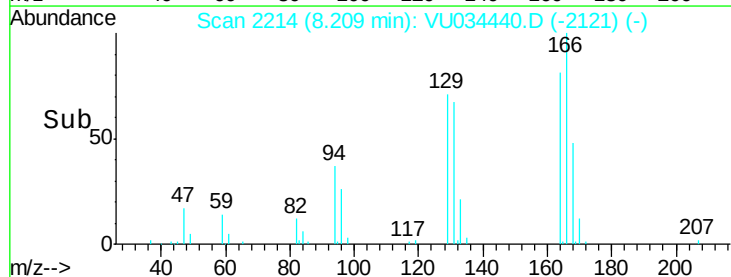
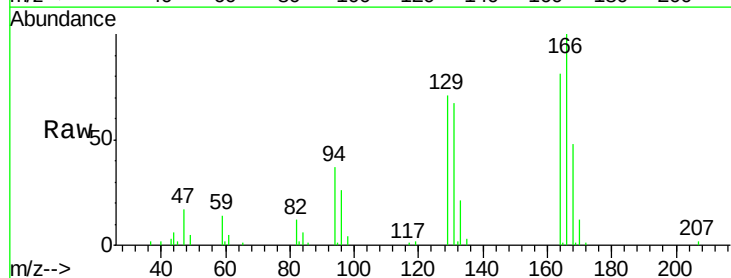
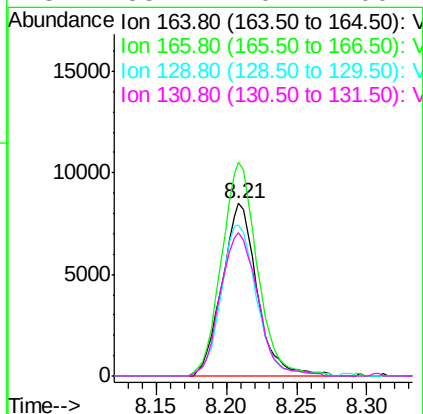
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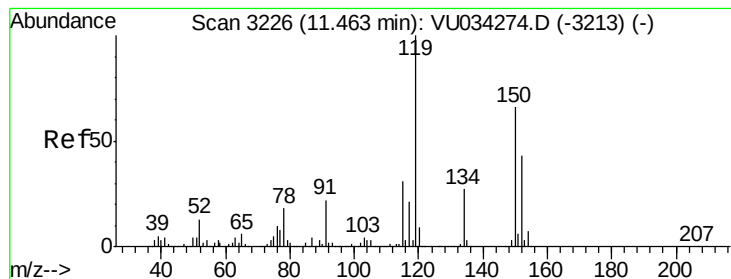
Tot Ion:117 Resp: 345224
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 32.5 25.9 38.9



#64
Tetrachloroethene
Concen: 4.913 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU034440.D
Acq: 10 Sep 2019 10:56

Tgt Ion:164 Resp: 14714
Ion Ratio Lower Upper
164 100
166 123.9 103.7 155.5
129 87.4 75.8 113.8
131 83.2 70.7 106.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034440.D

Acq: 10 Sep 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

GW507-K2-10.0-15.0-090419

Tot Ion:152 Resp: 203148

Ion Ratio Lower Upper

152 100

115 55.7 39.1 117.3

150 156.4 0.0 345.4

