

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034280.D
 Acq On : 05 Sep 2019 13:49
 Operator : JC/SP
 Sample : K4697-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GW507-K2-5.0-10.0-090419

Quant Time: Sep 06 15:26:39 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

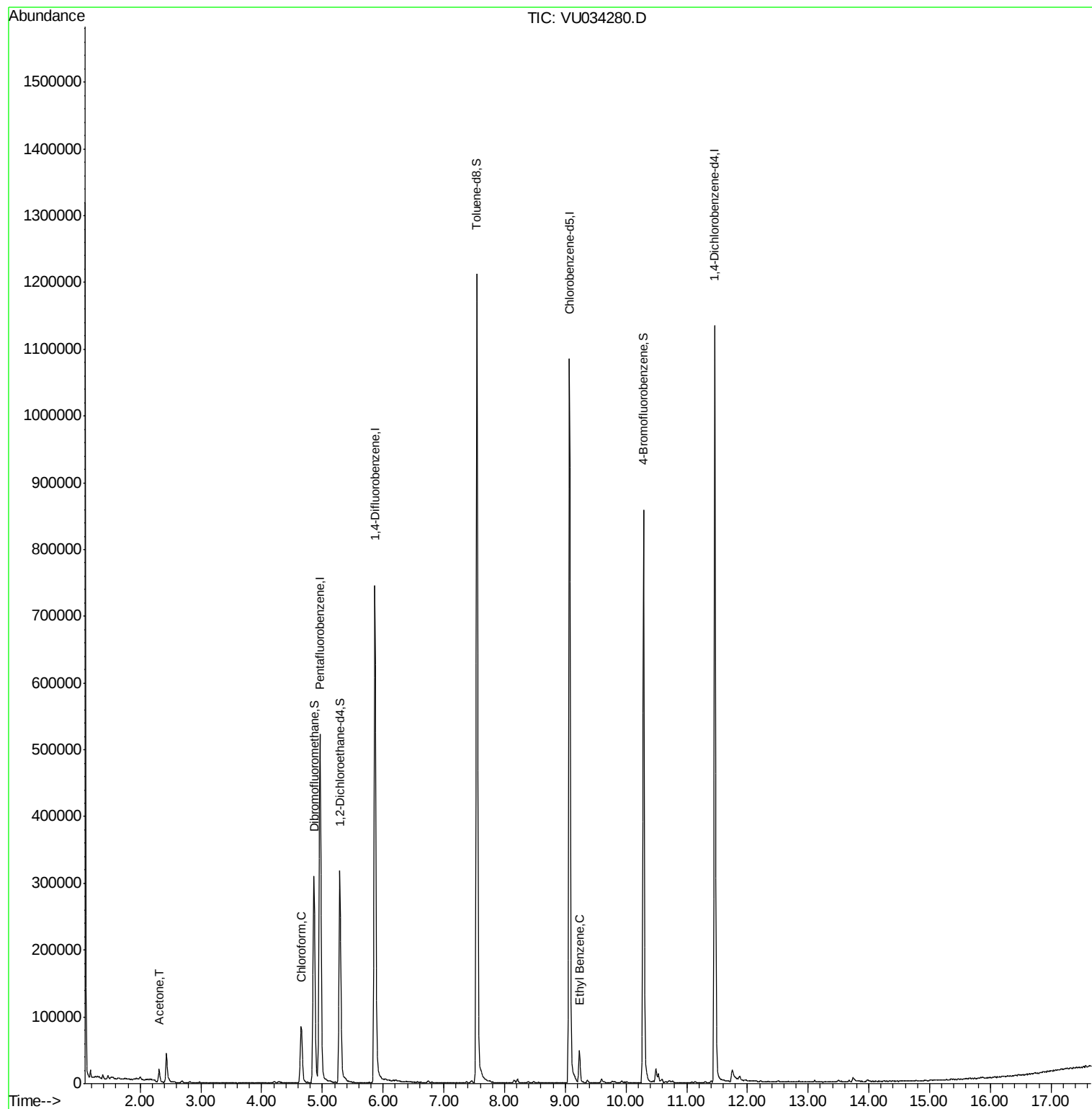
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	427705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	679829	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	650076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	327771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	253501	39.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.34%	
35) Dibromofluoromethane	4.86	113	226075	35.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.48%	
50) Toluene-d8	7.55	98	854261	35.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.88%	
62) 4-Bromofluorobenzene	10.29	95	301284	32.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.66%	
Target Compounds						
16) Acetone	2.31	43	20314	6.066	ug/l	99
30) Chloroform	4.65	83	84685	8.041	ug/l	98
67) Ethyl Benzene	9.23	91	36640	1.359	ug/l	98

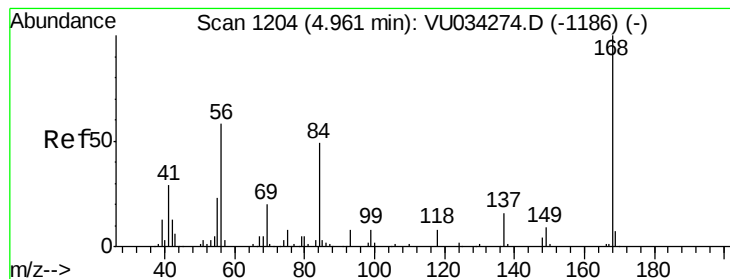
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1204

Delta R.T. -0.00 min

Lab File: VU034280.D

Acq: 05 Sep 2019 13:49

Instrument :

MSVOA_U

ClientSampleId :

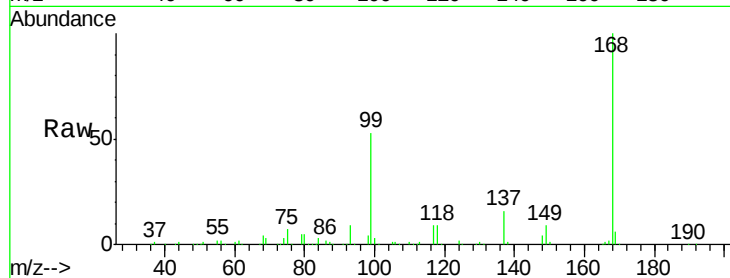
GW507-K2-5.0-10.0-090419

Tot Ion:168 Resp: 427705

Ion Ratio Lower Upper

168 100

99 52.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034280.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034280.D (-1111) (-)

4.96

200000

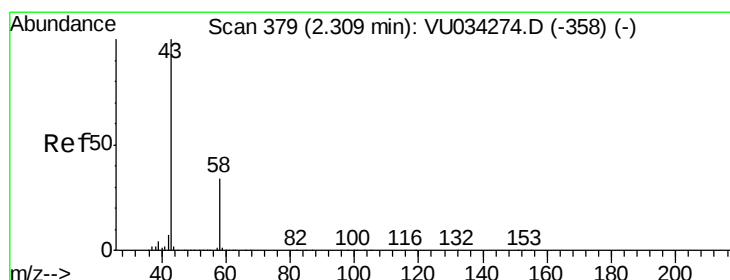
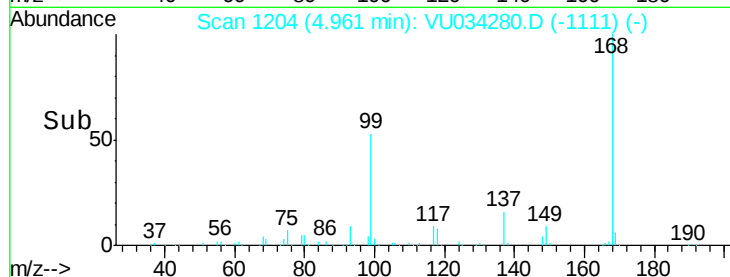
150000

100000

50000

0

Time--> 4.85 4.90 4.95 5.00 5.05



#16

Acetone

Concen: 6.066 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034280.D

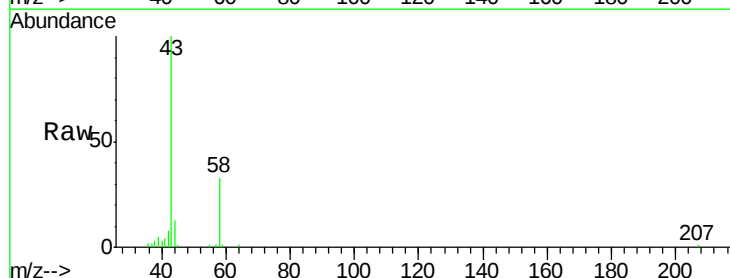
Acq: 05 Sep 2019 13:49

Tgt Ion: 43 Resp: 20314

Ion Ratio Lower Upper

43 100

58 33.9 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034280.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034280.D (-286) (-)

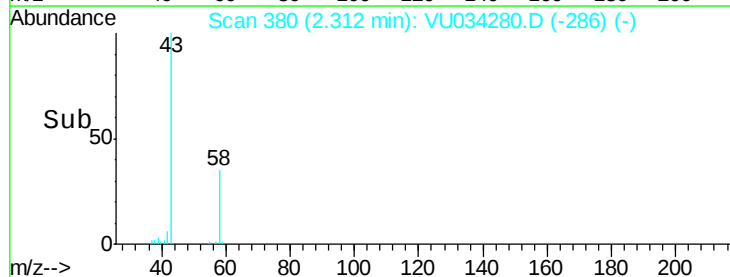
2.31

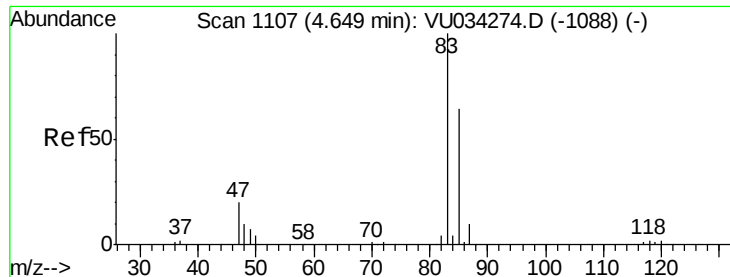
10000

5000

0

Time--> 2.25 2.30 2.35

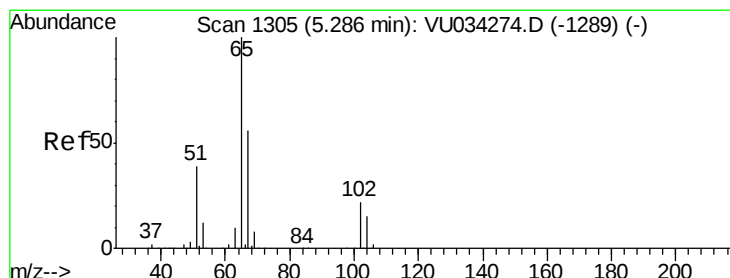
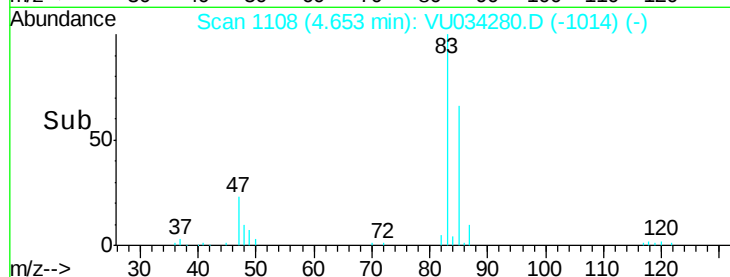
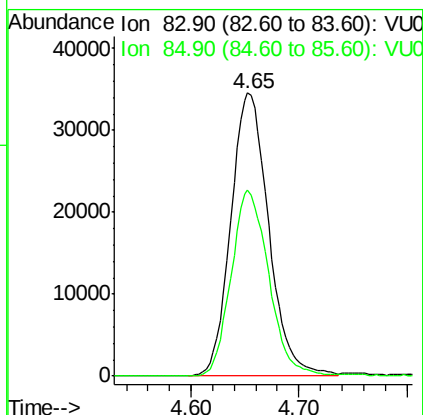
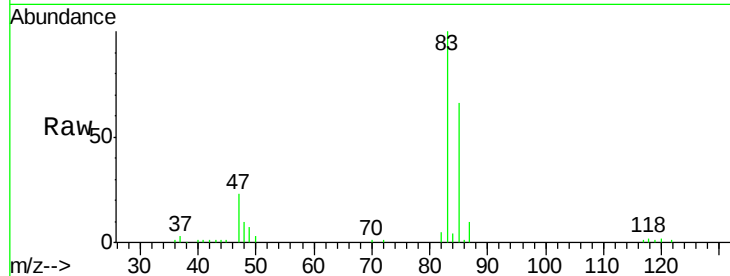




#30
Chloroform
Concen: 8.041 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034280.D
Acq: 05 Sep 2019 13:49

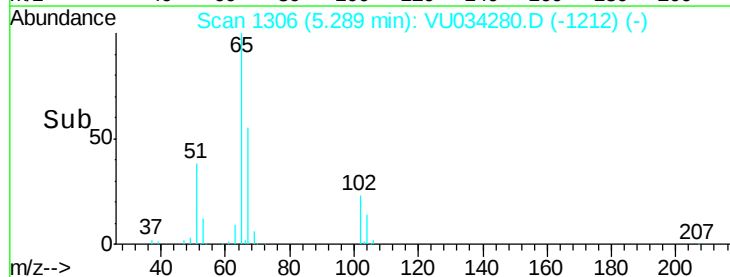
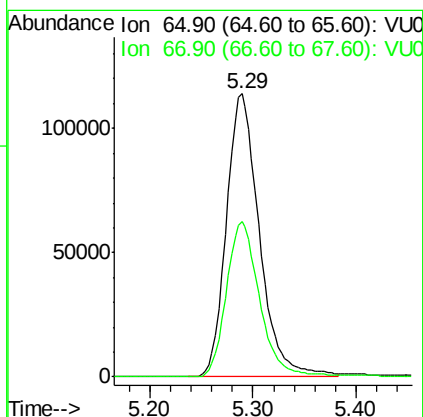
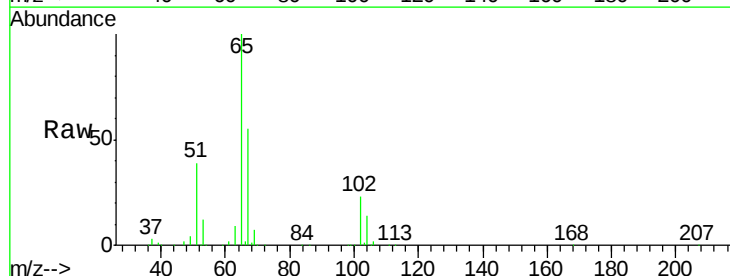
Instrument :
MSVOA_U
ClientSampleId :
GW507-K2-5.0-10.0-090419

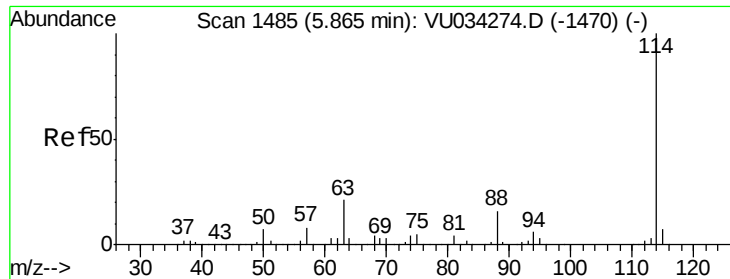
Tot Ion: 83 Resp: 84685
Ion Ratio Lower Upper
83 100
85 65.9 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 39.173 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034280.D
Acq: 05 Sep 2019 13:49

Tgt Ion: 65 Resp: 253501
Ion Ratio Lower Upper
65 100
67 55.2 0.0 112.4

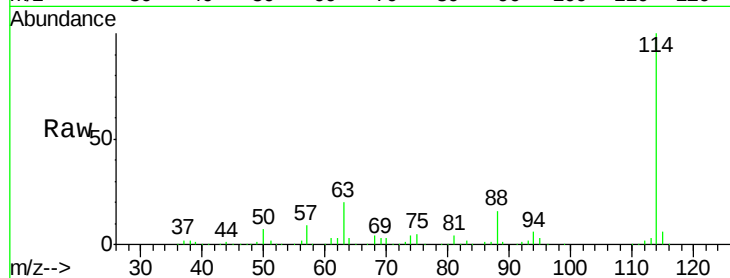




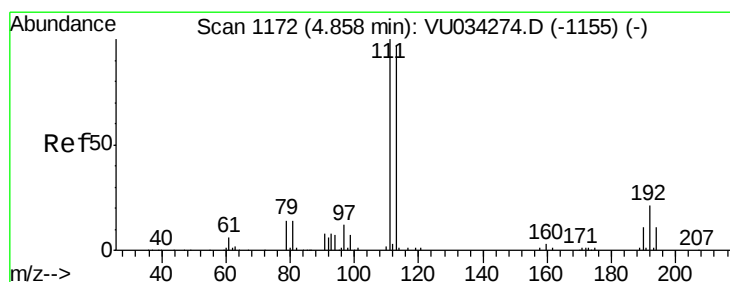
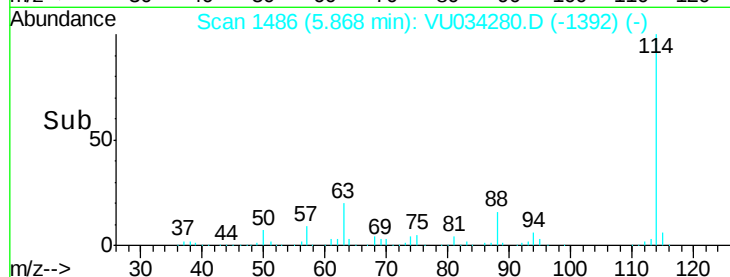
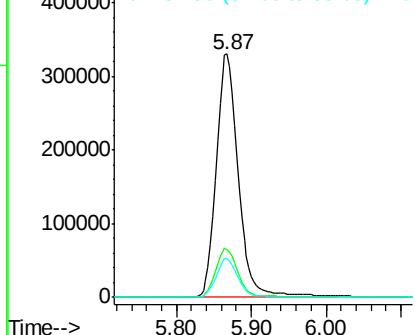
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.87 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VU034280.D
Acq: 05 Sep 2019 13:49

Instrument :
MSVOA_U
ClientSampleId :
GW507-K2-5.0-10.0-090419

Tot Ion:114 Resp: 679829
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 15.7 0.0 32.4

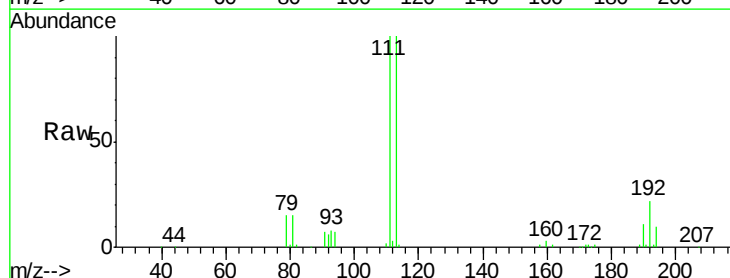


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

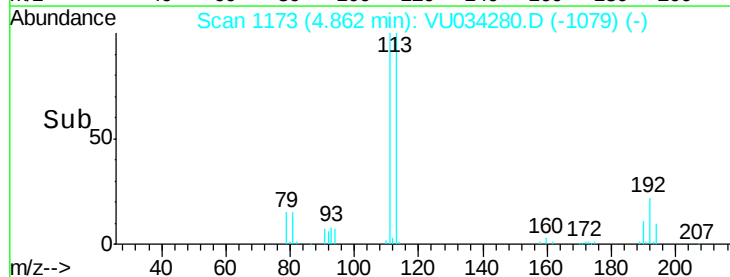
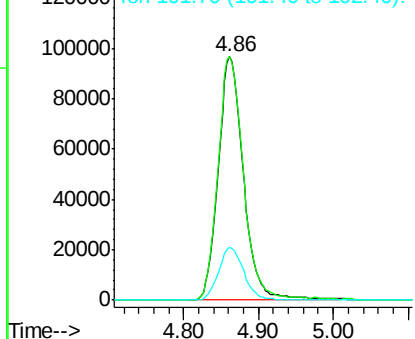


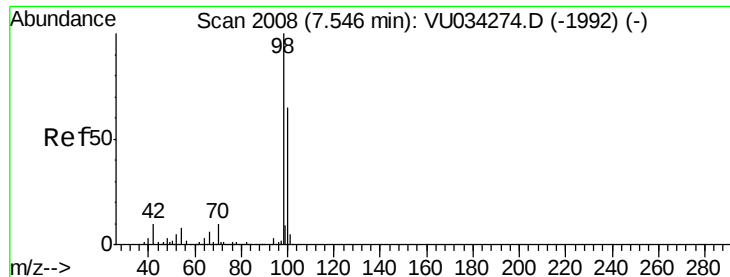
#35
Dibromofluoromethane
Concen: 35.738 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034280.D
Acq: 05 Sep 2019 13:49

Tgt Ion:113 Resp: 226075
Ion Ratio Lower Upper
113 100
111 100.5 81.5 122.3
192 21.7 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: 35.944 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034280.D

Acq: 05 Sep 2019 13:49

Instrument :

MSVOA_U

ClientSampleId :

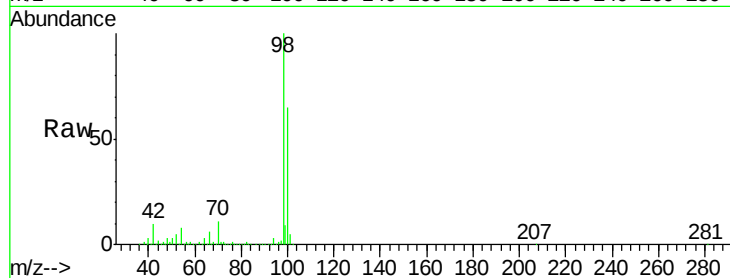
GW507-K2-5.0-10.0-090419

Tot Ion: 98 Resp: 854261

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



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

Ion 100.00 (99.70 to 100.70): VU034280.D (-1915) (-)

7.55

500000

400000

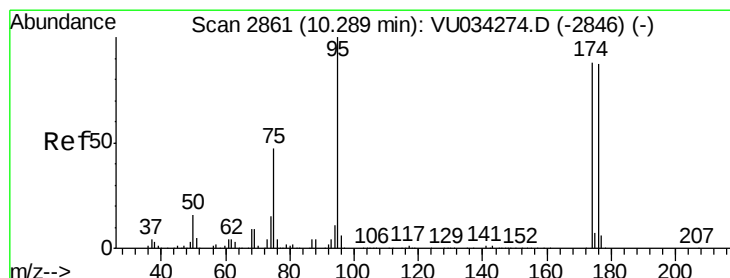
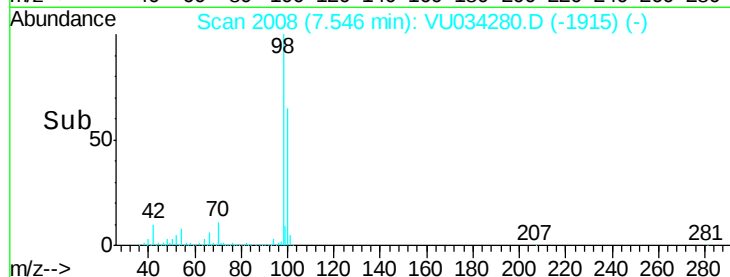
300000

200000

100000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 32.834 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034280.D

Acq: 05 Sep 2019 13:49

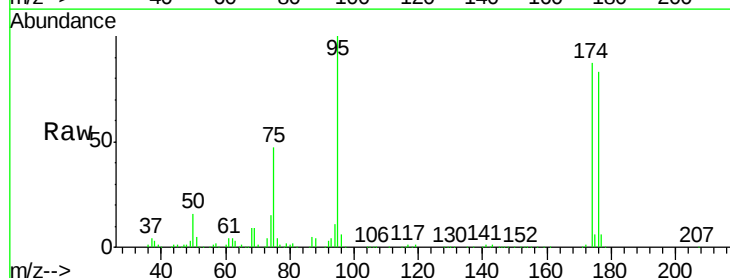
Tgt Ion: 95 Resp: 301284

Ion Ratio Lower Upper

95 100

174 86.9 0.0 175.2

176 84.0 0.0 168.0



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

Ion 173.80 (173.50 to 174.50): VU034280.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034280.D (-2768) (-)

10.29

250000

200000

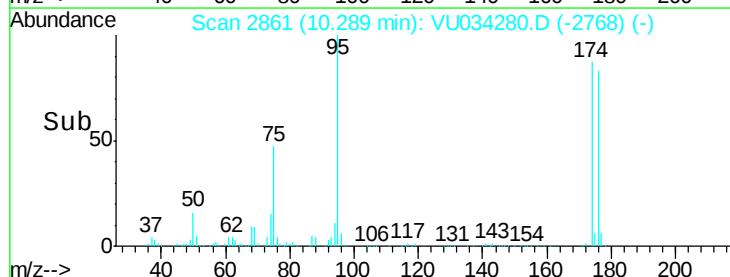
150000

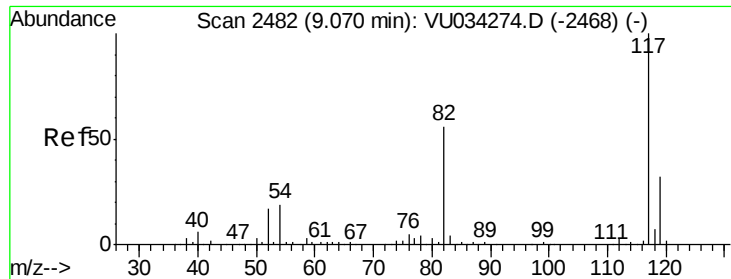
100000

50000

0

Time--> 10.20 10.30 10.40

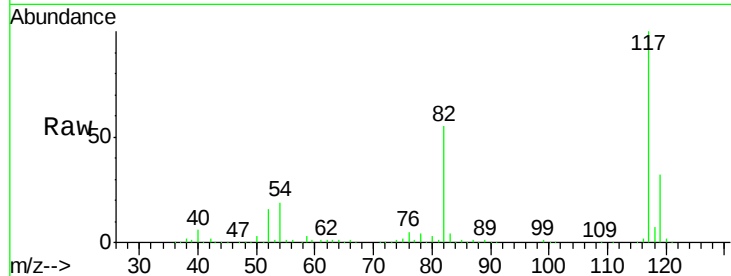




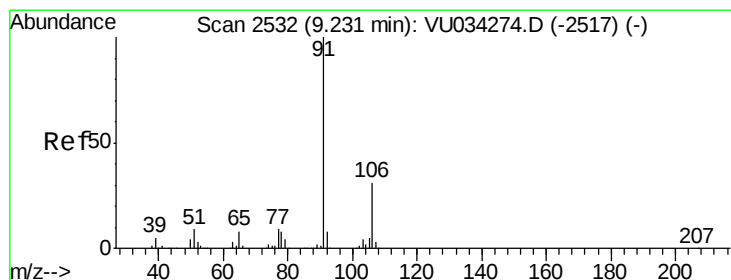
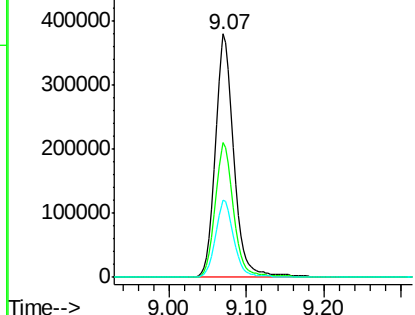
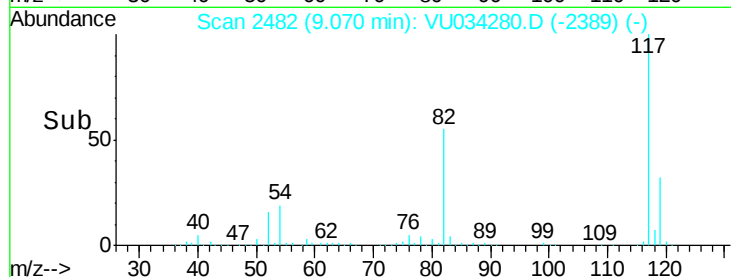
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034280.D
Acq: 05 Sep 2019 13:49

Instrument :
MSVOA_U
ClientSampleId :
GW507-K2-5.0-10.0-090419

Tot Ion:117 Resp: 650076
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 31.9 25.9 38.9

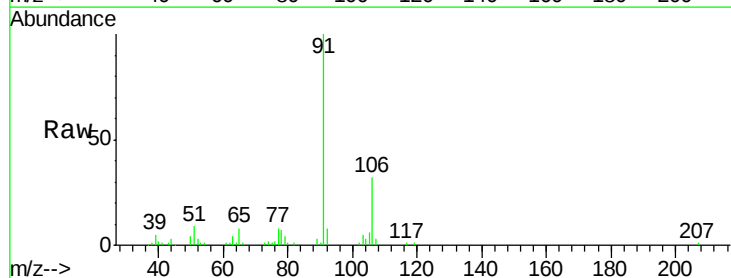


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

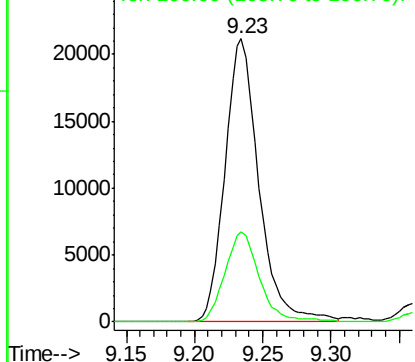
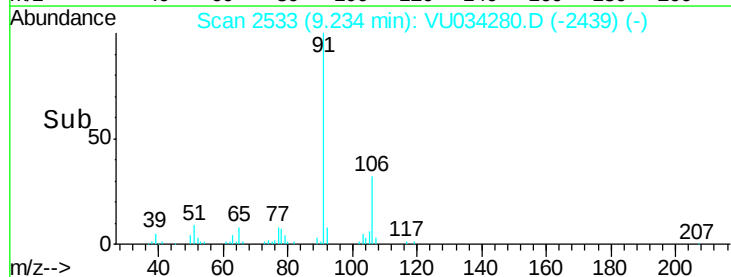


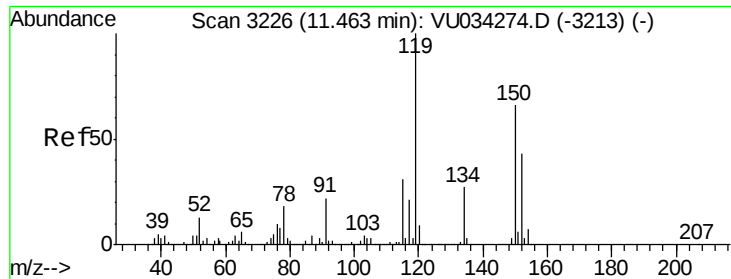
#67
Ethyl Benzene
Concen: 1.359 ug/l
RT: 9.23 min Scan# 2533
Delta R.T. 0.00 min
Lab File: VU034280.D
Acq: 05 Sep 2019 13:49

Tgt Ion: 91 Resp: 36640
Ion Ratio Lower Upper
91 100
106 31.8 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034280.D

Acq: 05 Sep 2019 13:49

Instrument :

MSVOA_U

ClientSampleId :

GW507-K2-5.0-10.0-090419

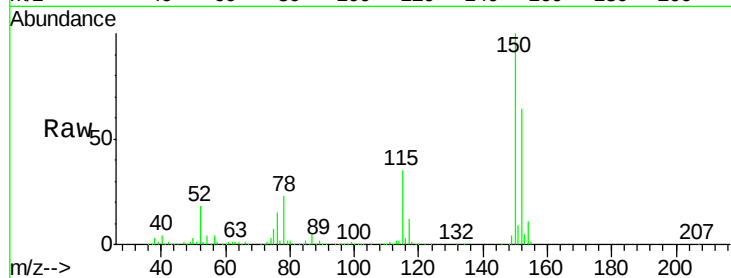
Tot Ion:152 Resp: 327771

Ion Ratio Lower Upper

152 100

115 56.2 39.1 117.3

150 156.5 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

