

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U082919\
 Data File : VU034028.D
 Acq On : 28 Aug 2019 17:19
 Operator : JC/SP
 Sample : K4592-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GW-5

Quant Time: Aug 29 04:49:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

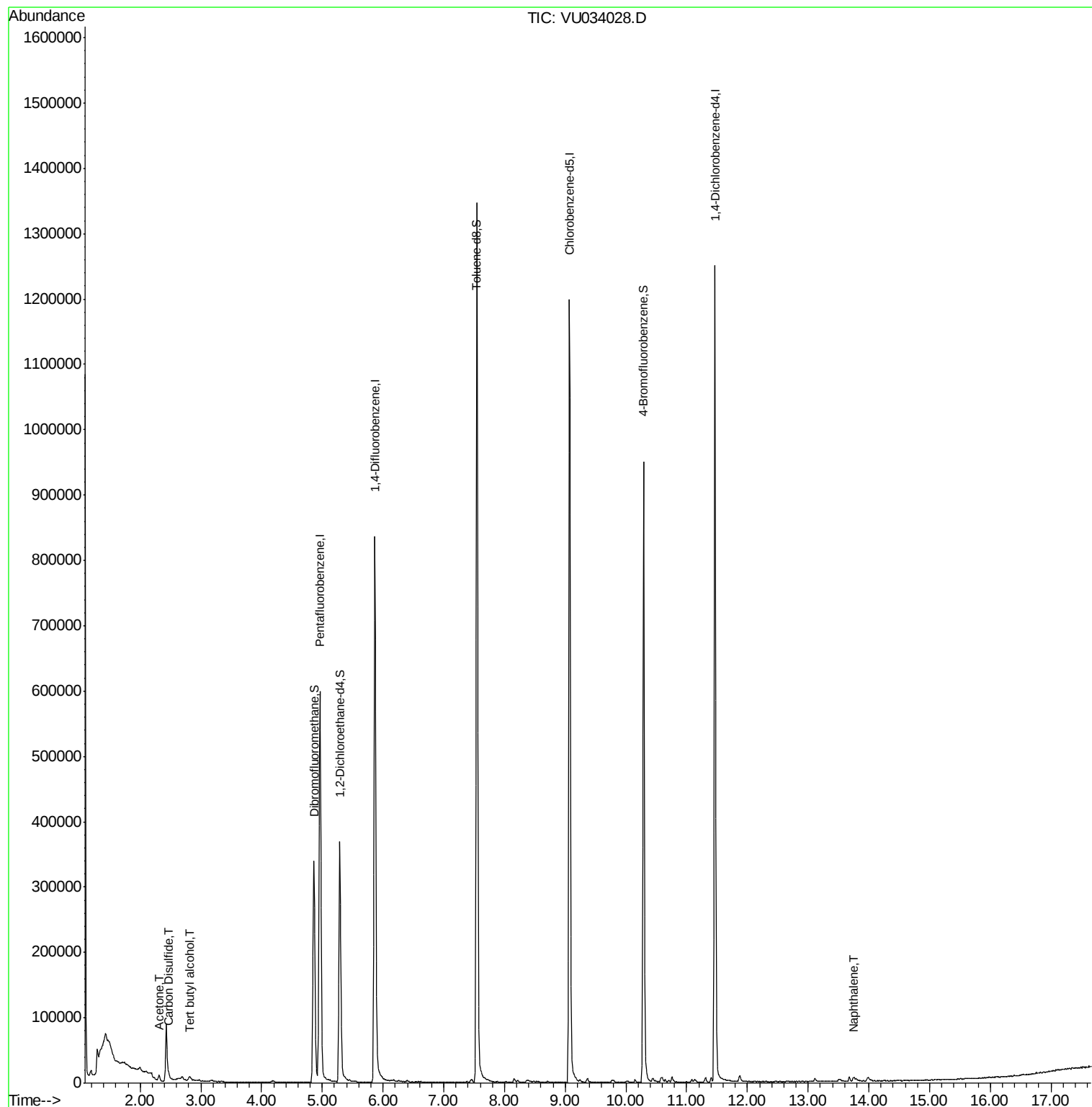
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	477327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	756278	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	708578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	345777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	291447	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
35) Dibromofluoromethane	4.86	113	243792	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	7.55	98	940063	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	10.29	95	329094	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.82	59	6084	4.314	ug/l #	85
16) Acetone	2.31	43	10946	3.507	ug/l	93
17) Carbon Disulfide	2.47	76	11785	0.779	ug/l	96
95) Naphthalene	13.75	128	7751	2.136	ug/l #	95

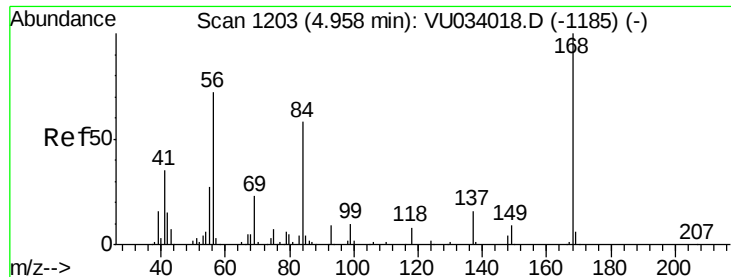
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 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: VU034028.D

Acq: 28 Aug 2019 17:19

Instrument :

MSVOA_U

ClientSampleId :

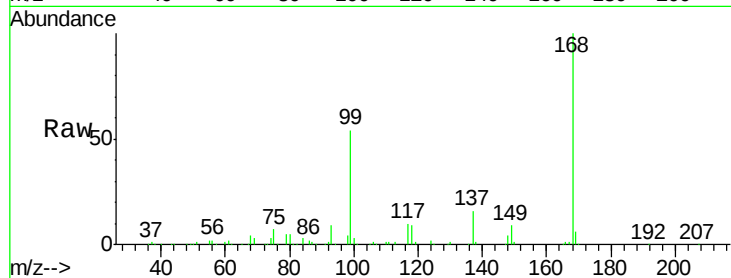
GW-5

Tot Ion:168 Resp: 477327

Ion Ratio Lower Upper

168 100

99 54.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

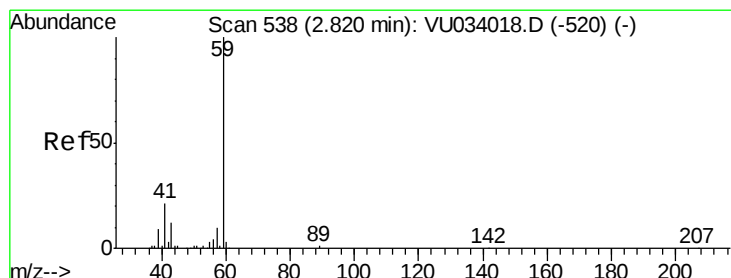
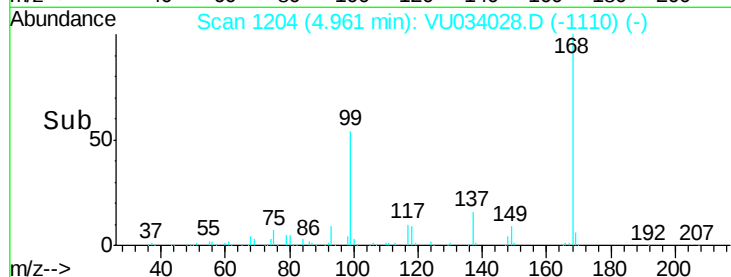
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.314 ug/l

RT: 2.82 min Scan# 537

Delta R.T. -0.00 min

Lab File: VU034028.D

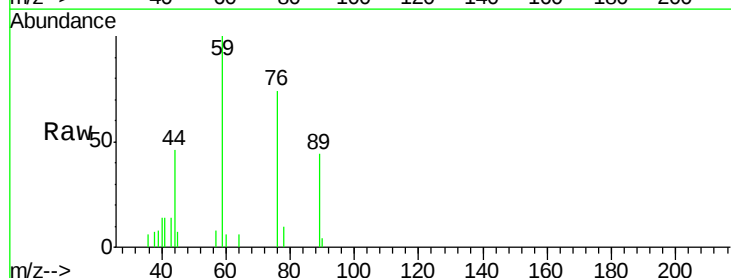
Acq: 28 Aug 2019 17:19

Tgt Ion: 59 Resp: 6084

Ion Ratio Lower Upper

59 100

57 4.5 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU034018.D (-520) (-)

Ion 57.00 (56.70 to 57.70): VU034018.D (-520) (-)

2.82

3000

2500

2000

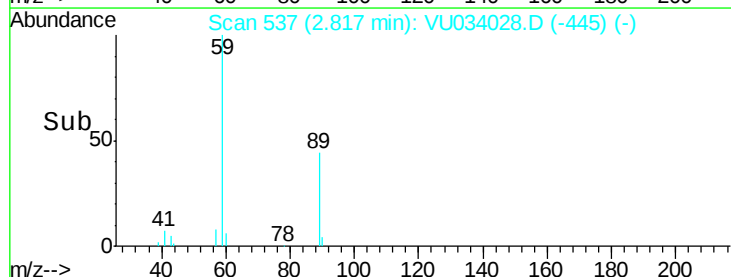
1500

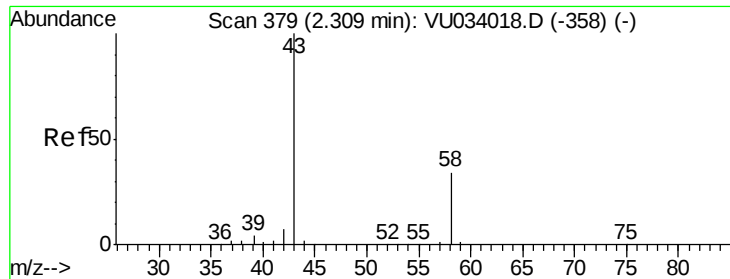
1000

500

0

Time-->





#16

Acetone

Concen: 3.507 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034028.D

Acq: 28 Aug 2019 17:19

Instrument :

MSVOA_U

ClientSampleId :

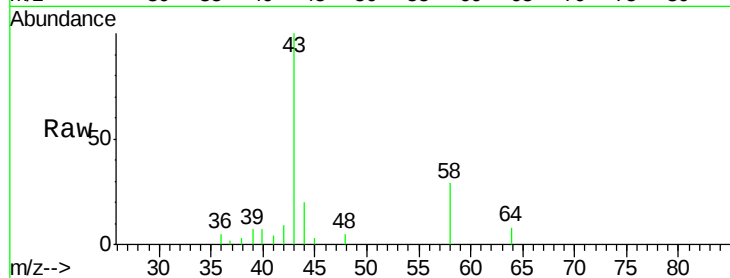
GW-5

Tot Ion: 43 Resp: 10946

Ion Ratio Lower Upper

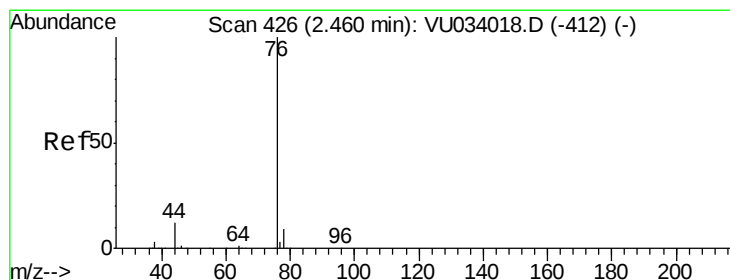
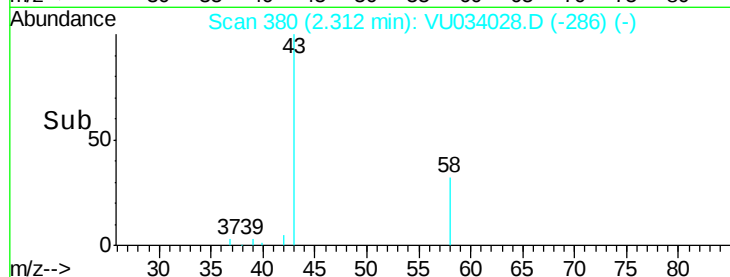
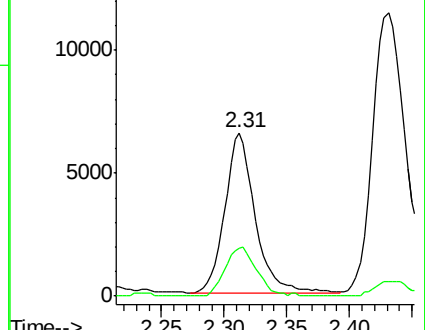
43 100

58 29.8 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-358) (-)



#17

Carbon Disulfide

Concen: 0.779 ug/l

RT: 2.47 min Scan# 430

Delta R.T. 0.01 min

Lab File: VU034028.D

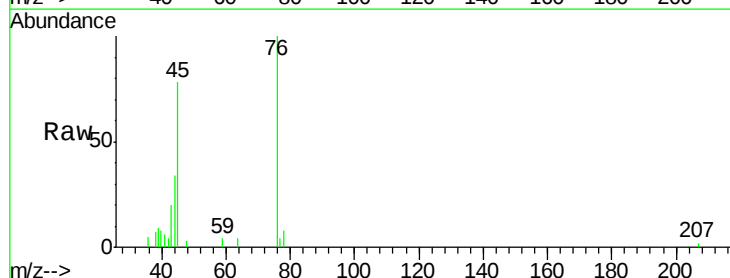
Acq: 28 Aug 2019 17:19

Tgt Ion: 76 Resp: 11785

Ion Ratio Lower Upper

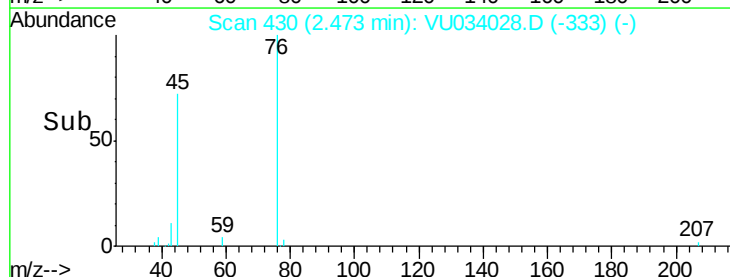
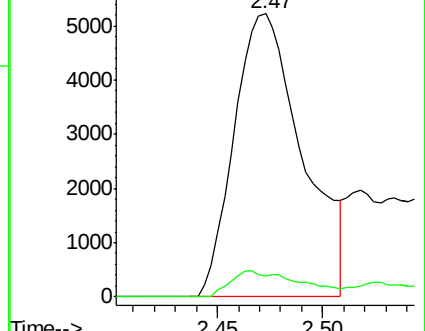
76 100

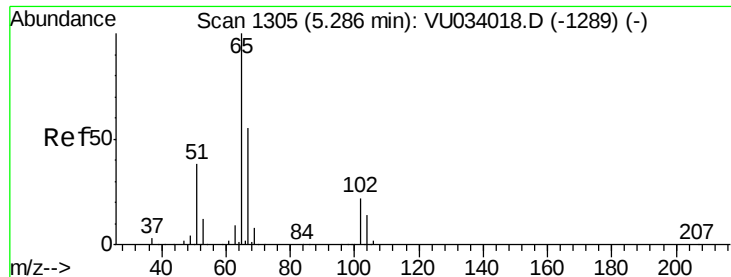
78 7.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU034018.D (-412) (-)

Ion 77.90 (77.60 to 78.60): VU034018.D (-412) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.652 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034028.D

Acq: 28 Aug 2019 17:19

Instrument :

MSVOA_U

ClientSampled :

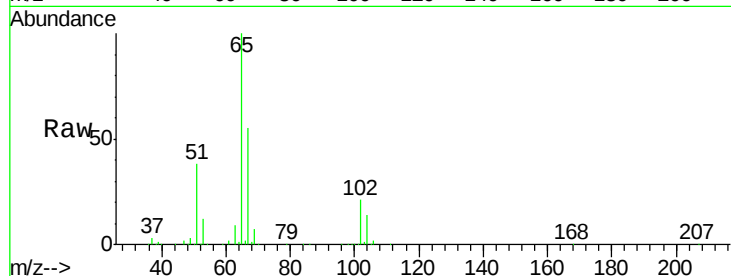
GW-5

Tot Ion: 65 Resp: 291447

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034028.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034028.D (-1289) (-)

5.29

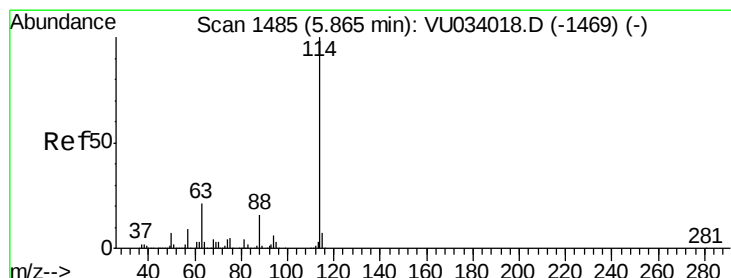
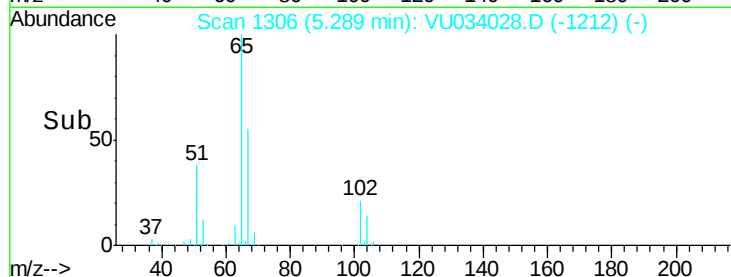
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034028.D

Acq: 28 Aug 2019 17:19

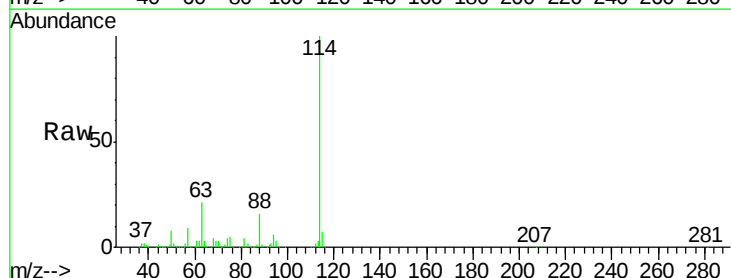
Tgt Ion: 114 Resp: 756278

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.0

88 16.1 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VU034028.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034028.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034028.D (-1469) (-)

5.86

500000

400000

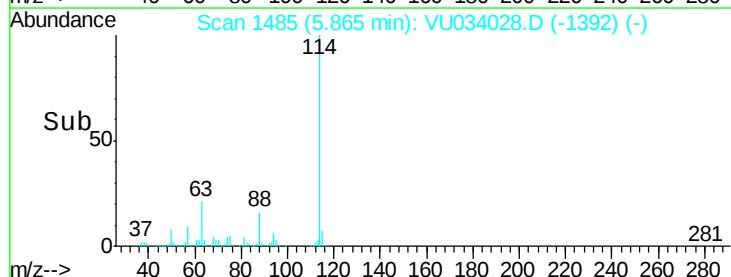
300000

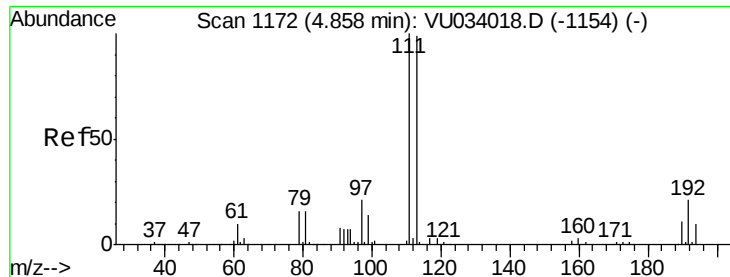
200000

100000

0

Time-->

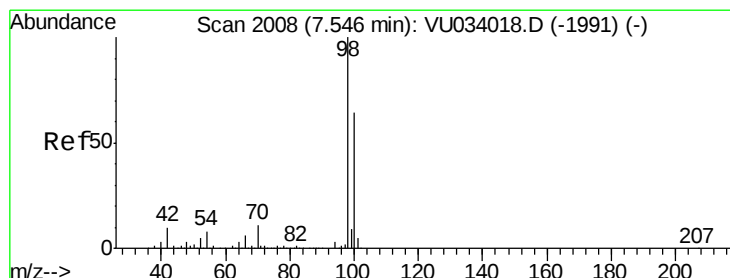
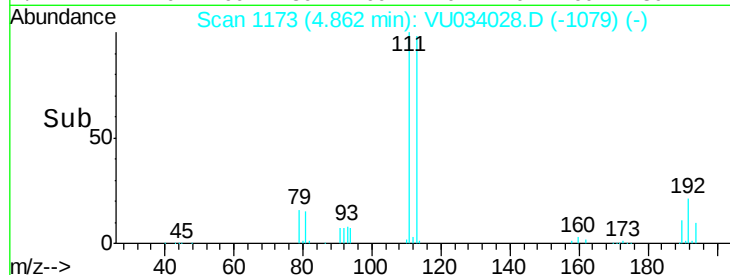
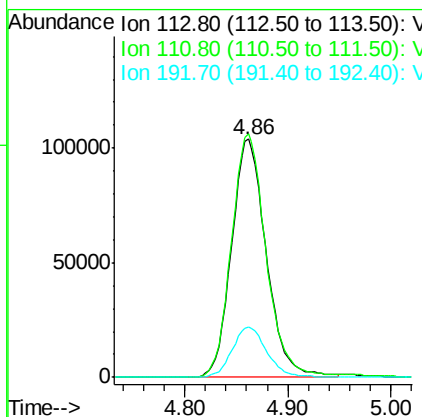
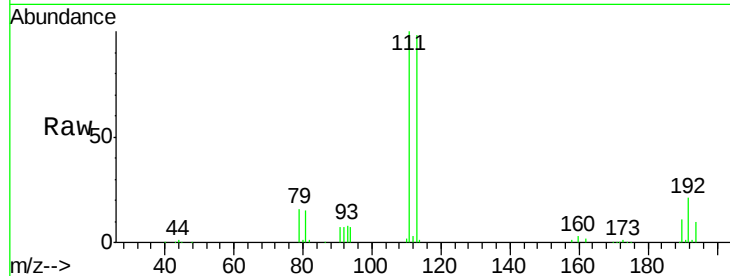




#35
 Dibromofluoromethane
 Concen: 46.477 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034028.D
 Acq: 28 Aug 2019 17:19

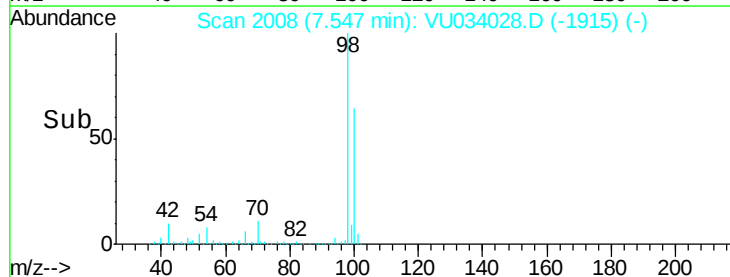
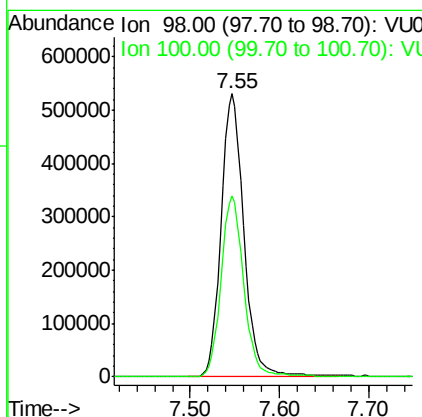
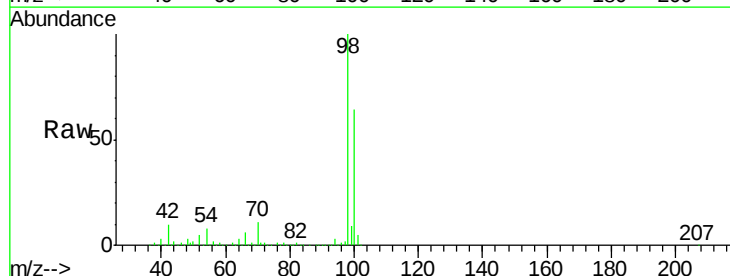
Instrument :
 MSVOA_U
 ClientSampled :
 GW-5

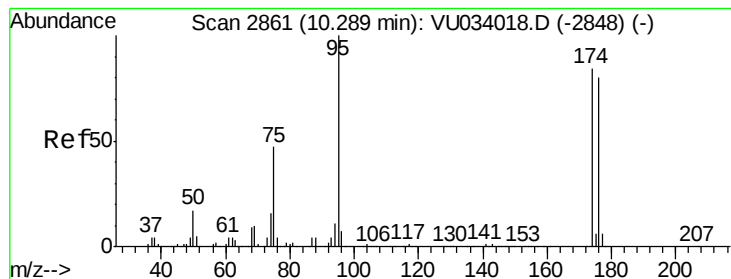
Tot Ion:113 Resp: 243792
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 21.0 17.1 25.7



#50
 Toluene-d8
 Concen: 47.862 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: VU034028.D
 Acq: 28 Aug 2019 17:19

Tgt Ion: 98 Resp: 940063
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 43.074 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034028.D

Acq: 28 Aug 2019 17:19

Instrument :

MSVOA_U

ClientSampled :

GW-5

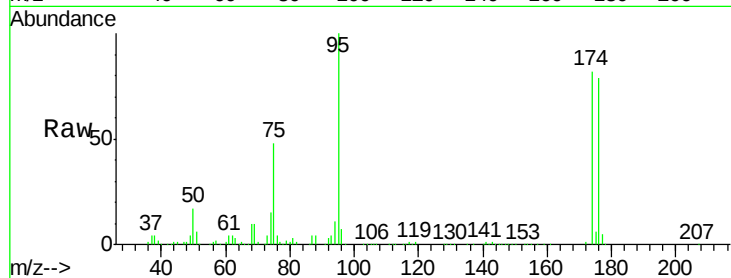
Tot Ion: 95 Resp: 329094

Ion Ratio Lower Upper

95 100

174 83.6 0.0 168.8

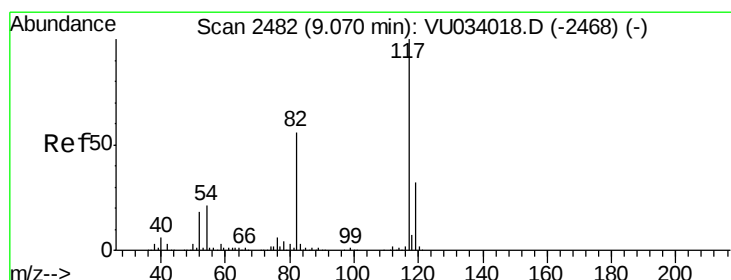
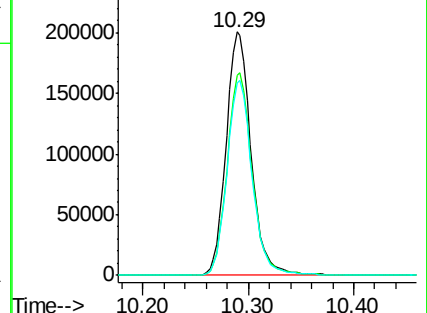
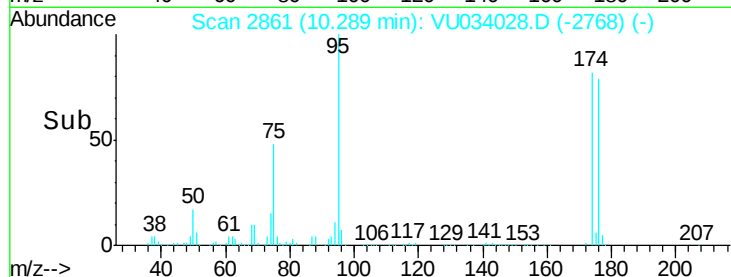
176 80.6 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034028.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034028.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034028.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034028.D

Acq: 28 Aug 2019 17:19

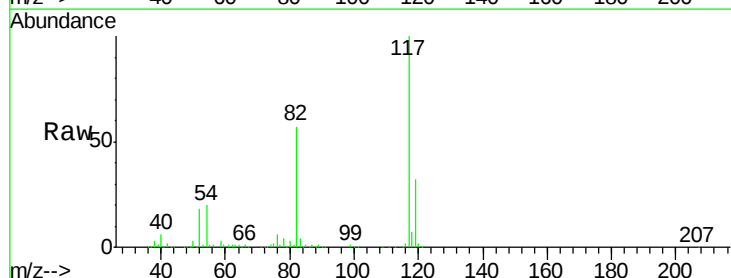
Tgt Ion: 117 Resp: 708578

Ion Ratio Lower Upper

117 100

82 56.6 45.1 67.7

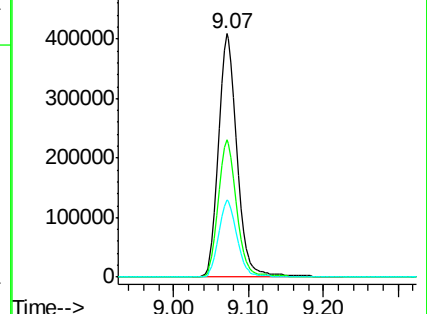
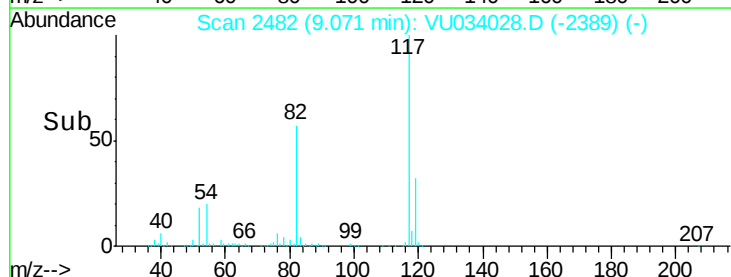
119 31.6 25.4 38.0

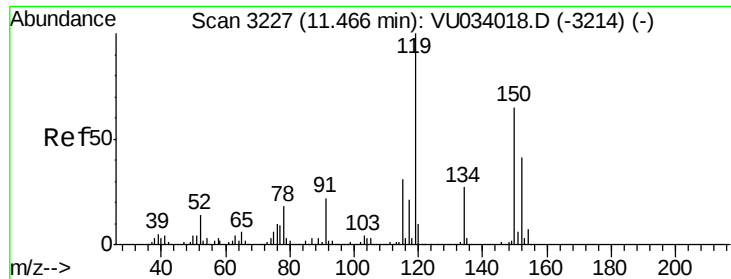


Abundance Ion 116.90 (116.60 to 117.60): VU034028.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034028.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034028.D (-2389) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034028.D

Acq: 28 Aug 2019 17:19

Instrument :

MSVOA_U

ClientSampled :

GW-5

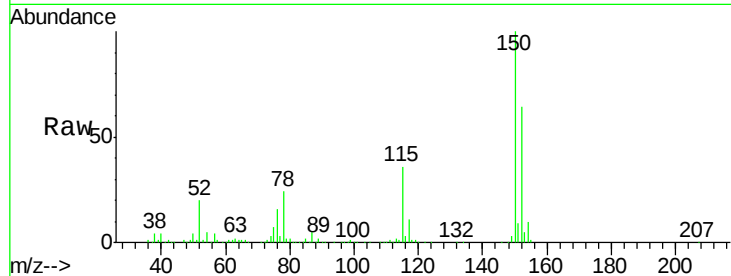
Tot Ion:152 Resp: 345777

Ion Ratio Lower Upper

152 100

115 57.1 41.1 123.3

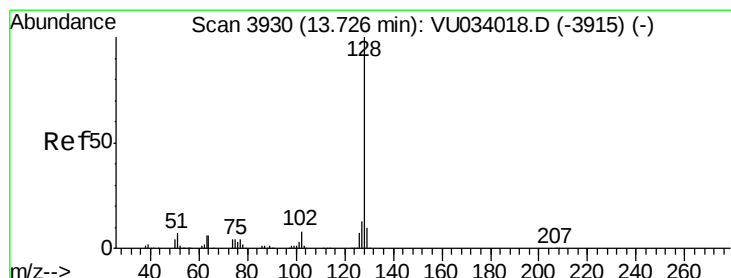
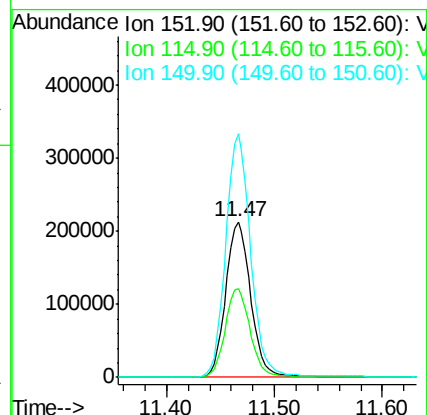
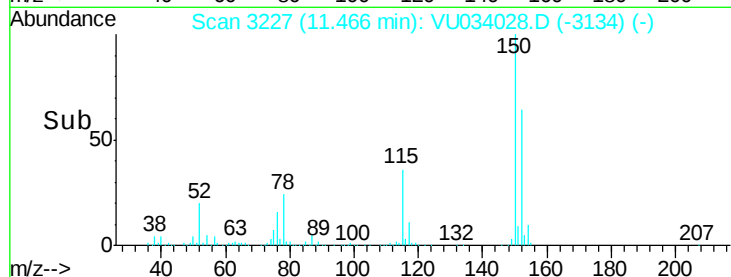
150 155.2 0.0 348.8



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: 2.136 ug/l

RT: 13.75 min Scan# 3938

Delta R.T. 0.03 min

Lab File: VU034028.D

Acq: 28 Aug 2019 17:19

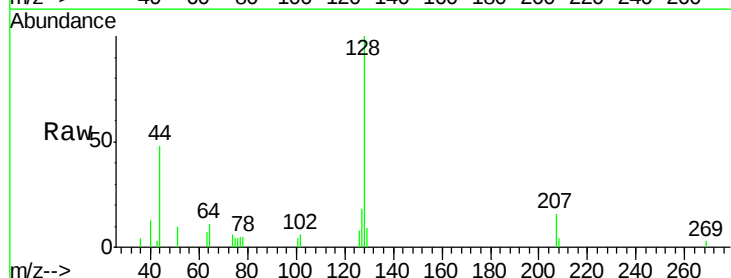
Tgt Ion:128 Resp: 7751

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

129 7.1 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

