

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082919\
 Data File : VU034029.D
 Acq On : 28 Aug 2019 17:42
 Operator : JC/SP
 Sample : K4592-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GW-3

Quant Time: Aug 29 04:51:32 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

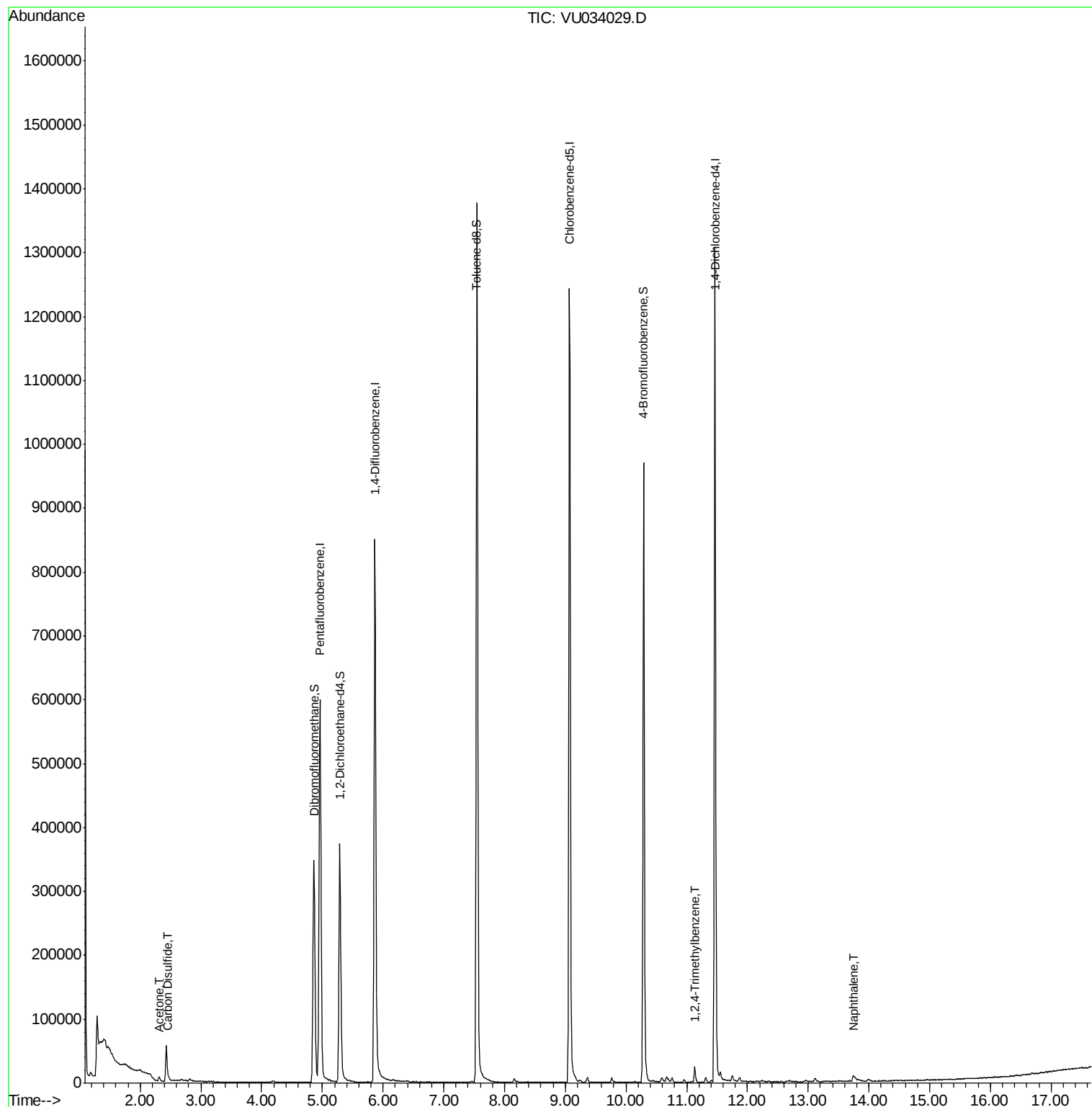
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	487088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	767079	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	723862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	360749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	300665	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
35) Dibromofluoromethane	4.86	113	250519	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
50) Toluene-d8	7.55	98	961456	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	10.29	95	337518	43.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.10%	
Target Compounds						
16) Acetone	2.31	43	8361	2.625	ug/l	97
17) Carbon Disulfide	2.47	76	5506	0.357	ug/l	96
84) 1,2,4-Trimethylbenzene	11.13	105	13858	0.680	ug/l	100
95) Naphthalene	13.75	128	18600	2.586	ug/l #	84

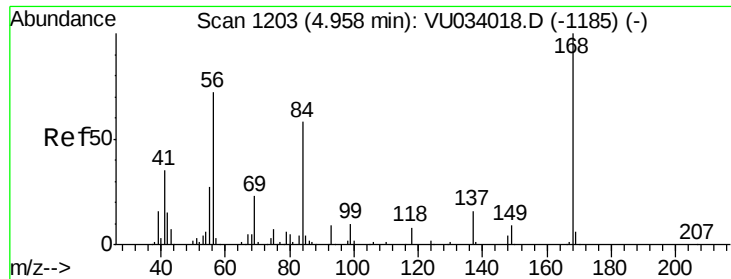
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034029.D

Acq: 28 Aug 2019 17:42

Instrument :

MSVOA_U

ClientSampleID :

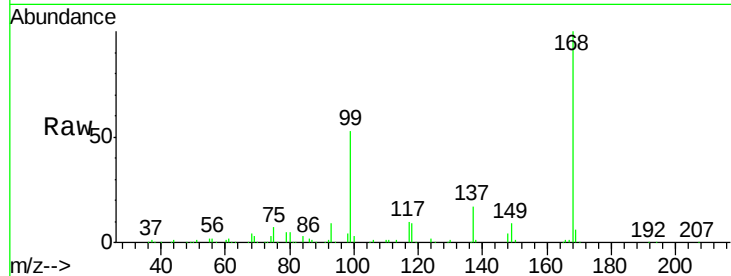
GW-3

Tot Ion:168 Resp: 487088

Ion Ratio Lower Upper

168 100

99 53.2 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

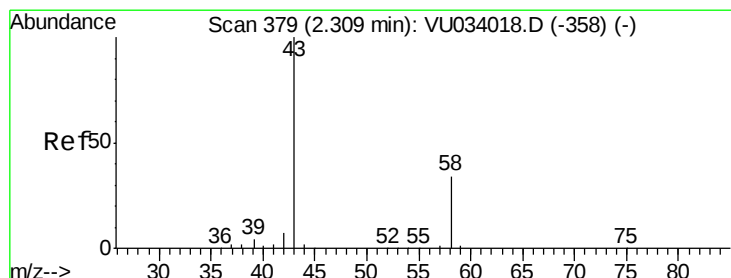
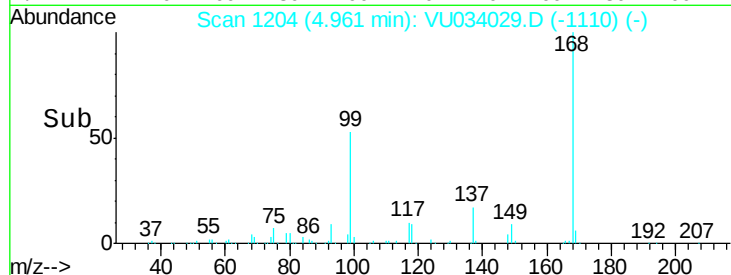
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.625 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034029.D

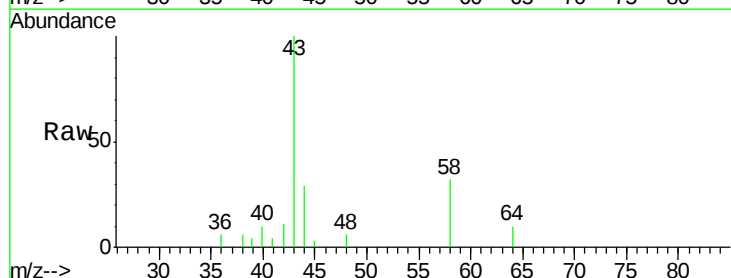
Acq: 28 Aug 2019 17:42

Tgt Ion: 43 Resp: 8361

Ion Ratio Lower Upper

43 100

58 31.5 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) (-)

2.31

5000

4000

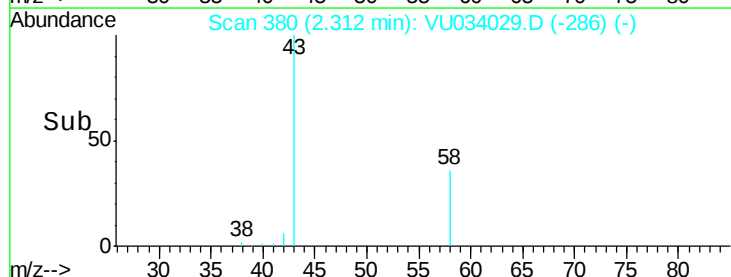
3000

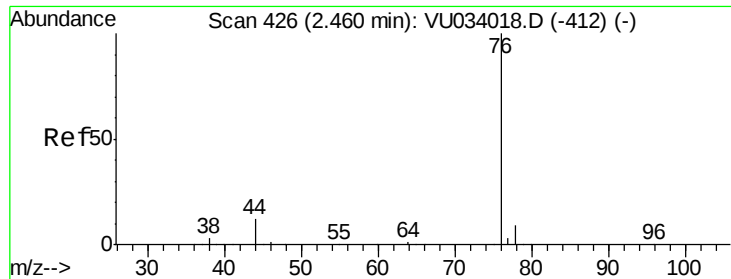
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 0.357 ug/l

RT: 2.47 min Scan# 429

Delta R.T. 0.01 min

Lab File: VU034029.D

Acq: 28 Aug 2019 17:42

Instrument :

MSVOA_U

ClientSampled :

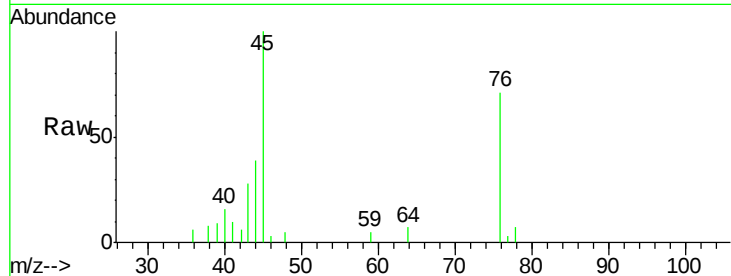
GW-3

Tot Ion: 76 Resp: 5506

Ion Ratio Lower Upper

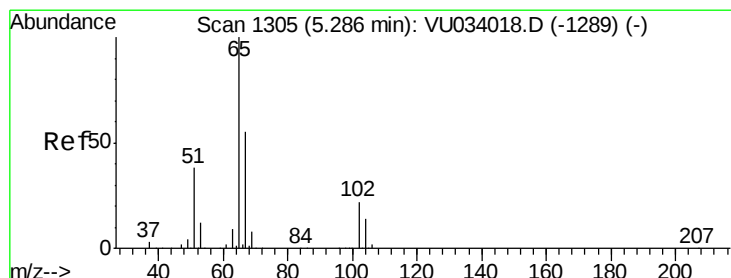
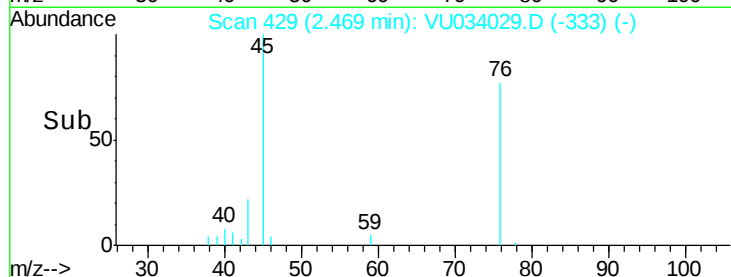
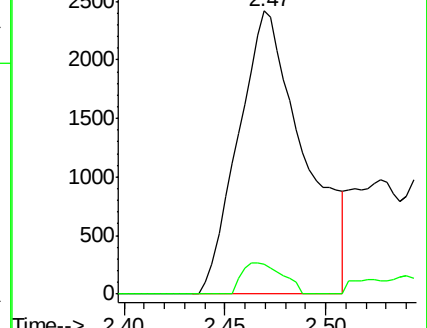
76 100

78 10.3 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: 48.174 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034029.D

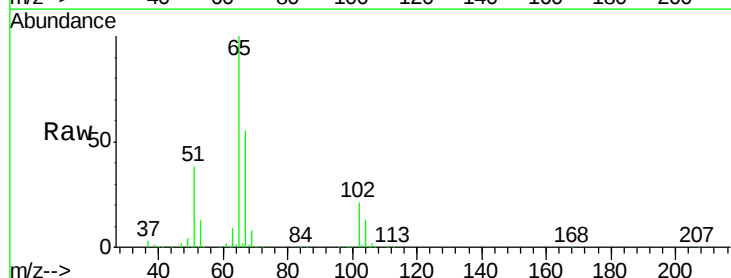
Acq: 28 Aug 2019 17:42

Tgt Ion: 65 Resp: 300665

Ion Ratio Lower Upper

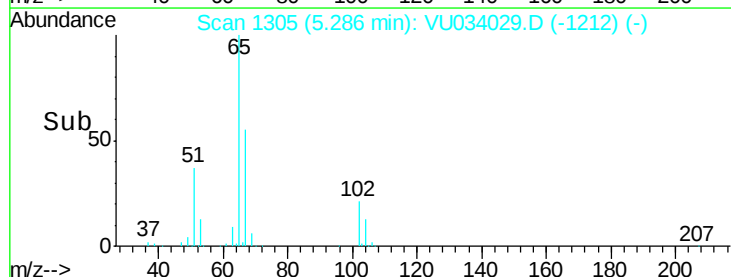
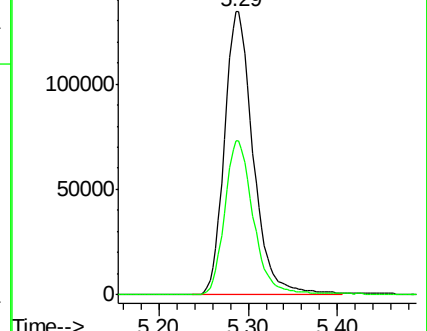
65 100

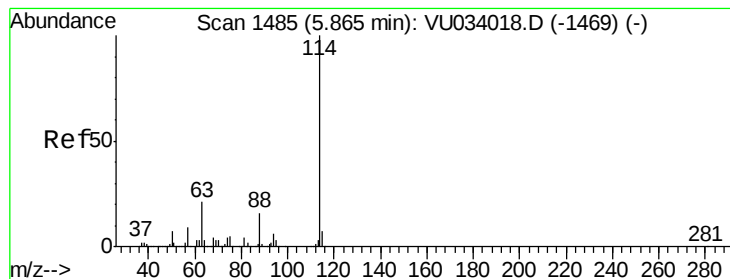
67 54.3 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034018.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034018.D (-1289) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034029.D

Acq: 28 Aug 2019 17:42

Instrument :

MSVOA_U

ClientSampleId :

GW-3

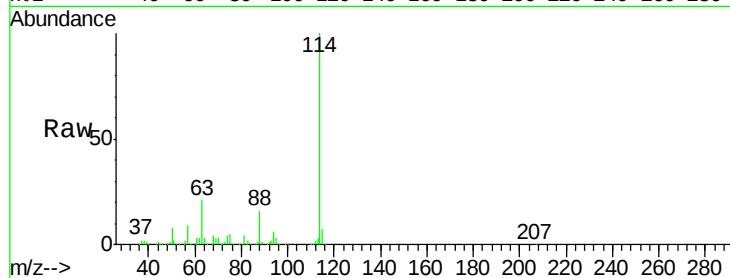
Tot Ion:114 Resp: 767079

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.0

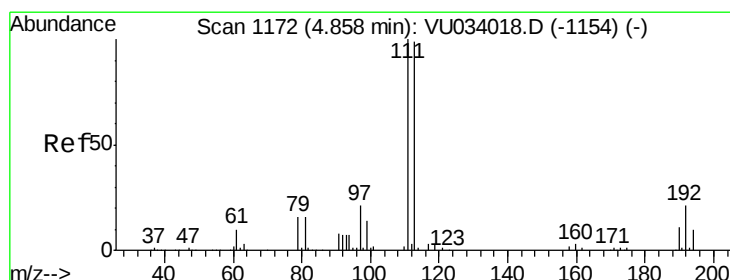
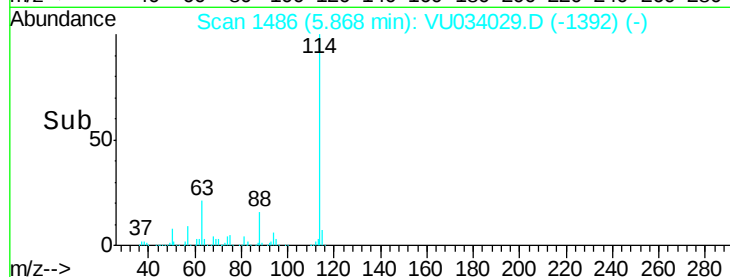
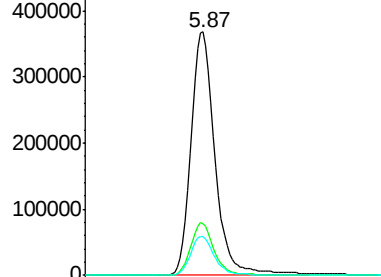
88 15.9 0.0 32.0



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: 47.087 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034029.D

Acq: 28 Aug 2019 17:42

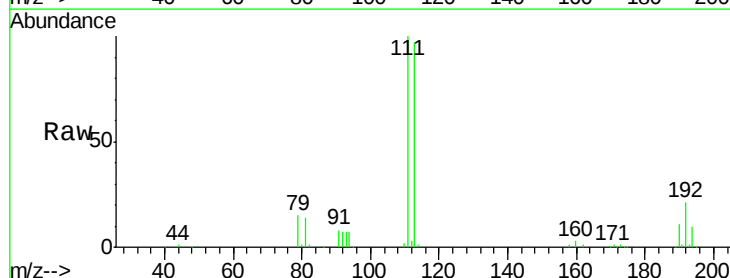
Tgt Ion:113 Resp: 250519

Ion Ratio Lower Upper

113 100

111 102.3 81.7 122.5

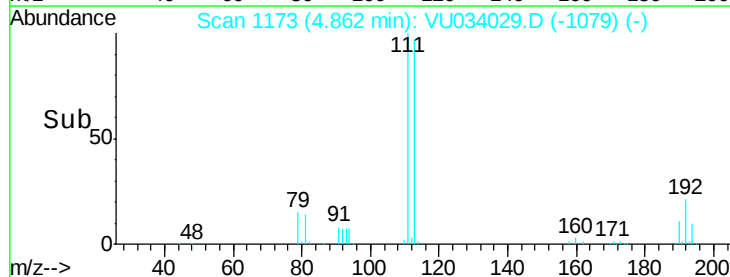
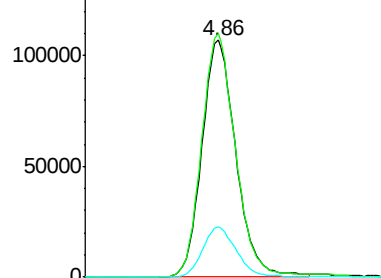
192 21.0 17.1 25.7

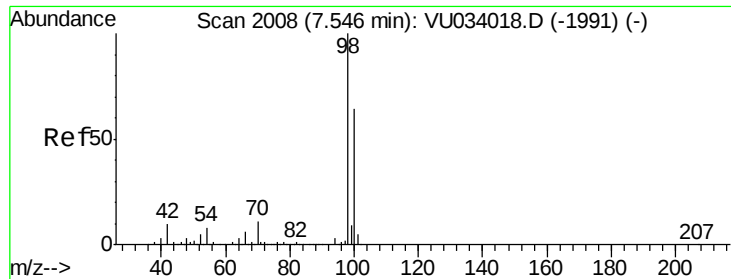


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

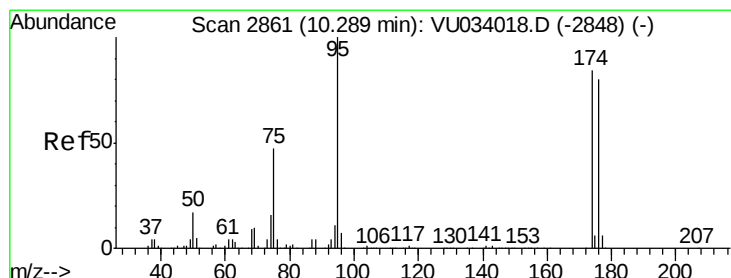
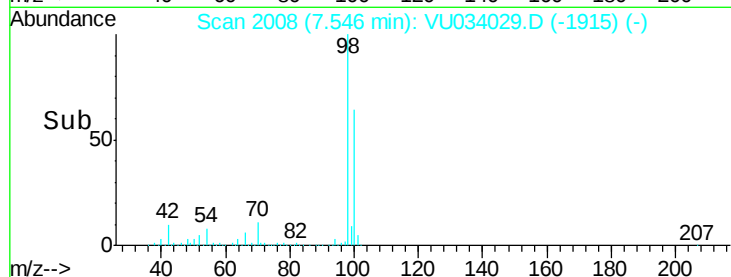
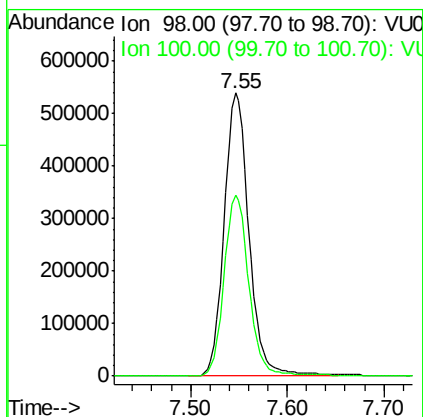
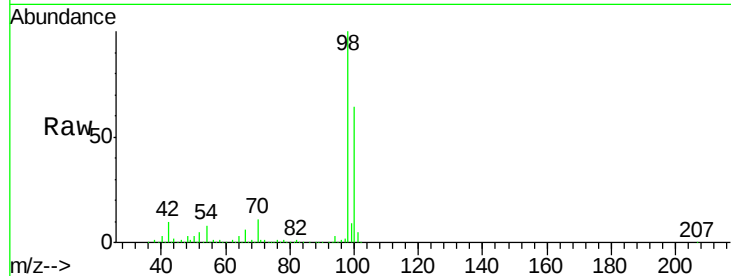




#50
Toluene-d8
Concen: 48.262 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034029.D
Acq: 28 Aug 2019 17:42

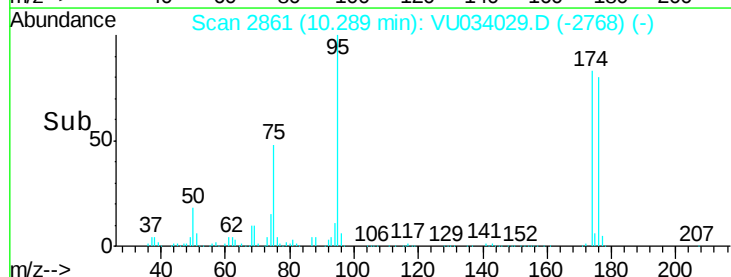
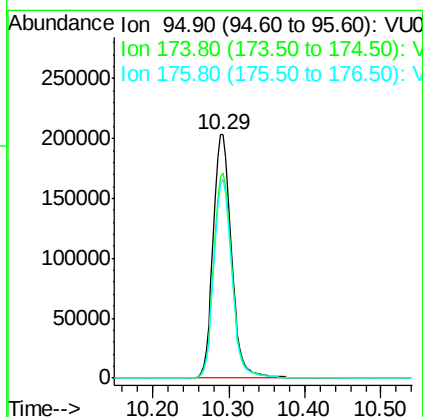
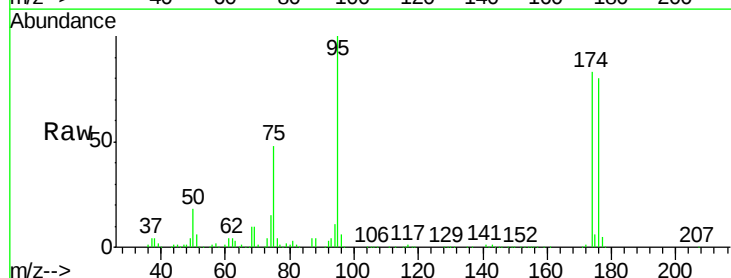
Instrument :
MSVOA_U
ClientSampleId :
GW-3

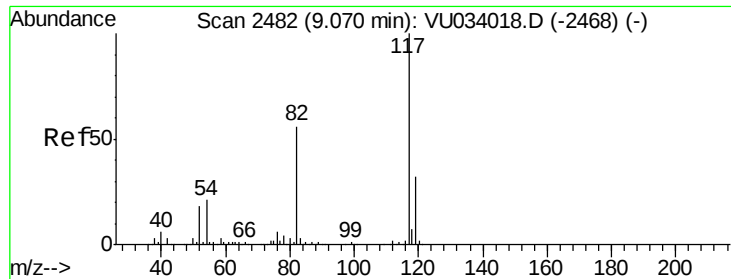
Tot Ion: 98 Resp: 961456
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.555 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034029.D
Acq: 28 Aug 2019 17:42

Tgt Ion: 95 Resp: 337518
Ion Ratio Lower Upper
95 100
174 84.2 0.0 168.8
176 80.3 0.0 161.8

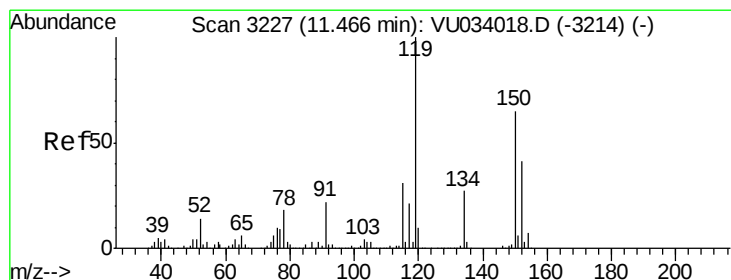
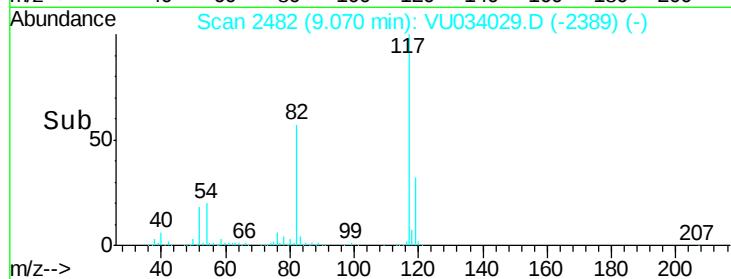
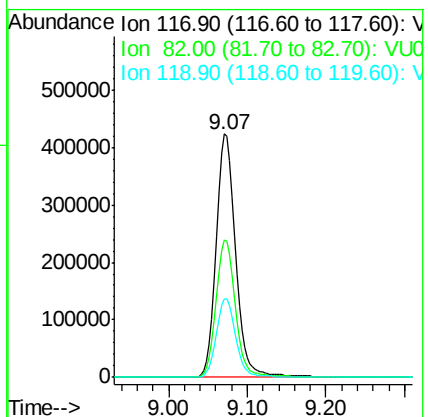
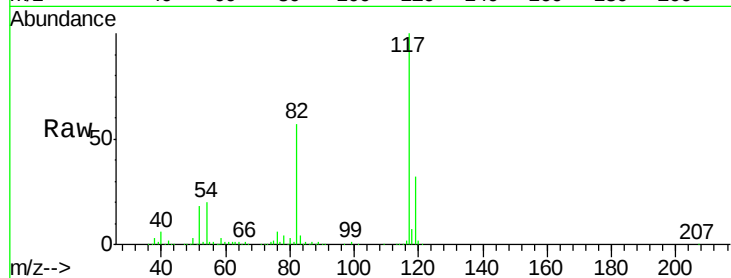




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034029.D
Acq: 28 Aug 2019 17:42

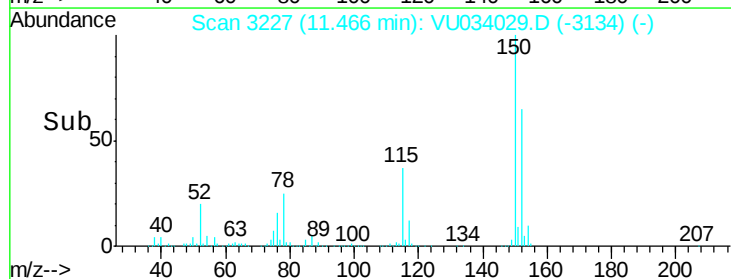
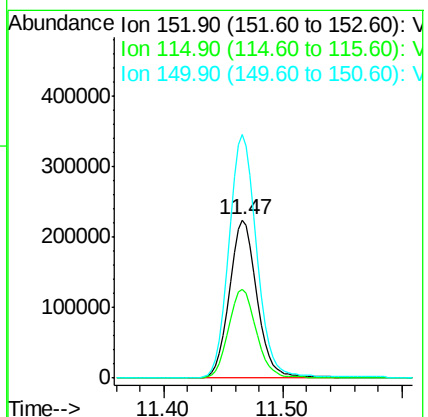
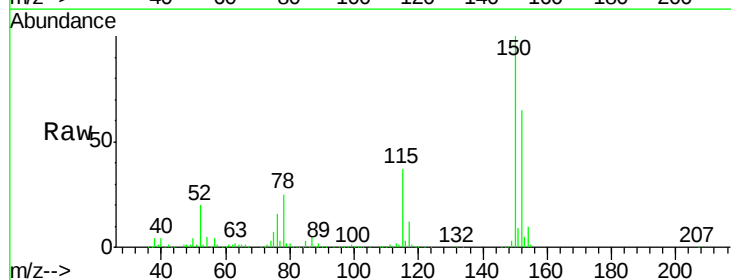
Instrument :
MSVOA_U
ClientSampled :
GW-3

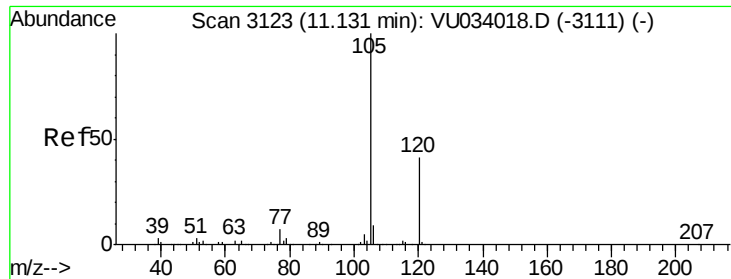
Tot Ion:117 Resp: 723862
Ion Ratio Lower Upper
117 100
82 56.6 45.1 67.7
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034029.D
Acq: 28 Aug 2019 17:42

Tgt Ion:152 Resp: 360749
Ion Ratio Lower Upper
152 100
115 57.0 41.1 123.3
150 155.4 0.0 348.8

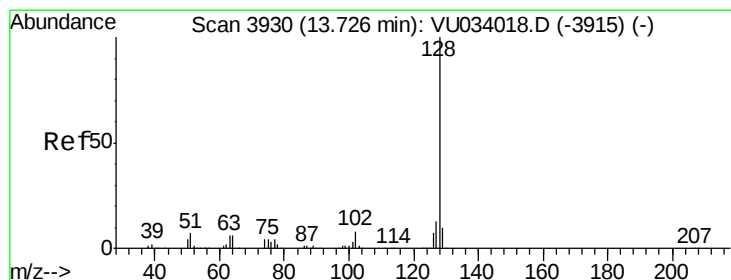
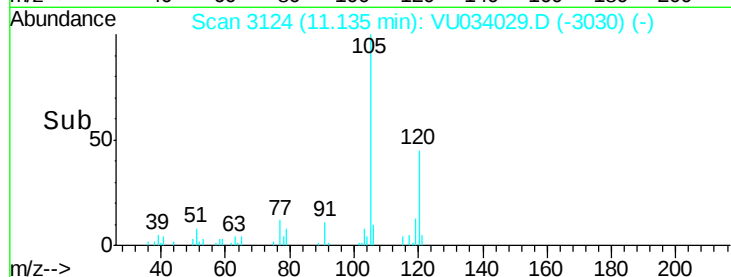
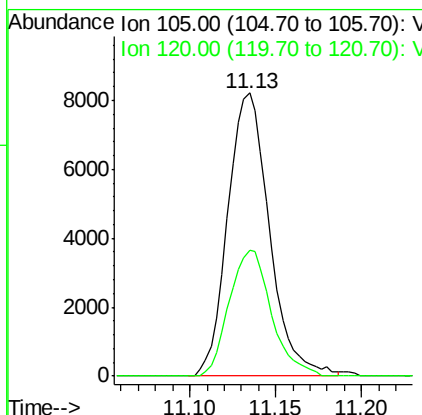
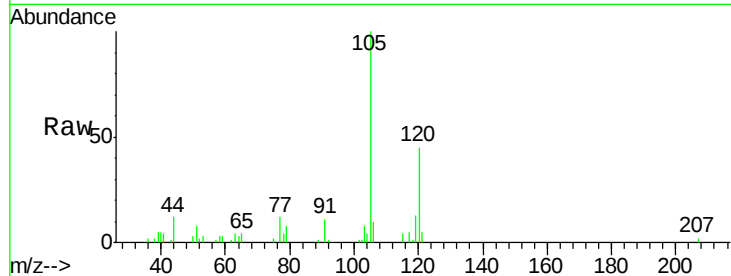




#84
 1,2,4-Trimethylbenzene
 Concen: 0.680 ug/l
 RT: 11.13 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VU034029.D
 Acq: 28 Aug 2019 17:42

Instrument :
 MSVOA_U
 ClientSampleId :
 GW-3

Tot Ion:105 Resp: 13858
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.8



#95
 Naphthalene
 Concen: 2.586 ug/l
 RT: 13.75 min Scan# 3936
 Delta R.T. 0.02 min
 Lab File: VU034029.D
 Acq: 28 Aug 2019 17:42

Tgt Ion:128 Resp: 18600
 Ion Ratio Lower Upper
 128 100
 127 4.8 10.2 15.4#
 129 6.3 8.4 12.6#

