

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061318\
 Data File : VU024510.D
 Acq On : 13 Jun 2018 16:13
 Operator : MD/SY
 Sample : J3425-01 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PGWPAL-AQ060818

Quant Time: Jun 13 17:20:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

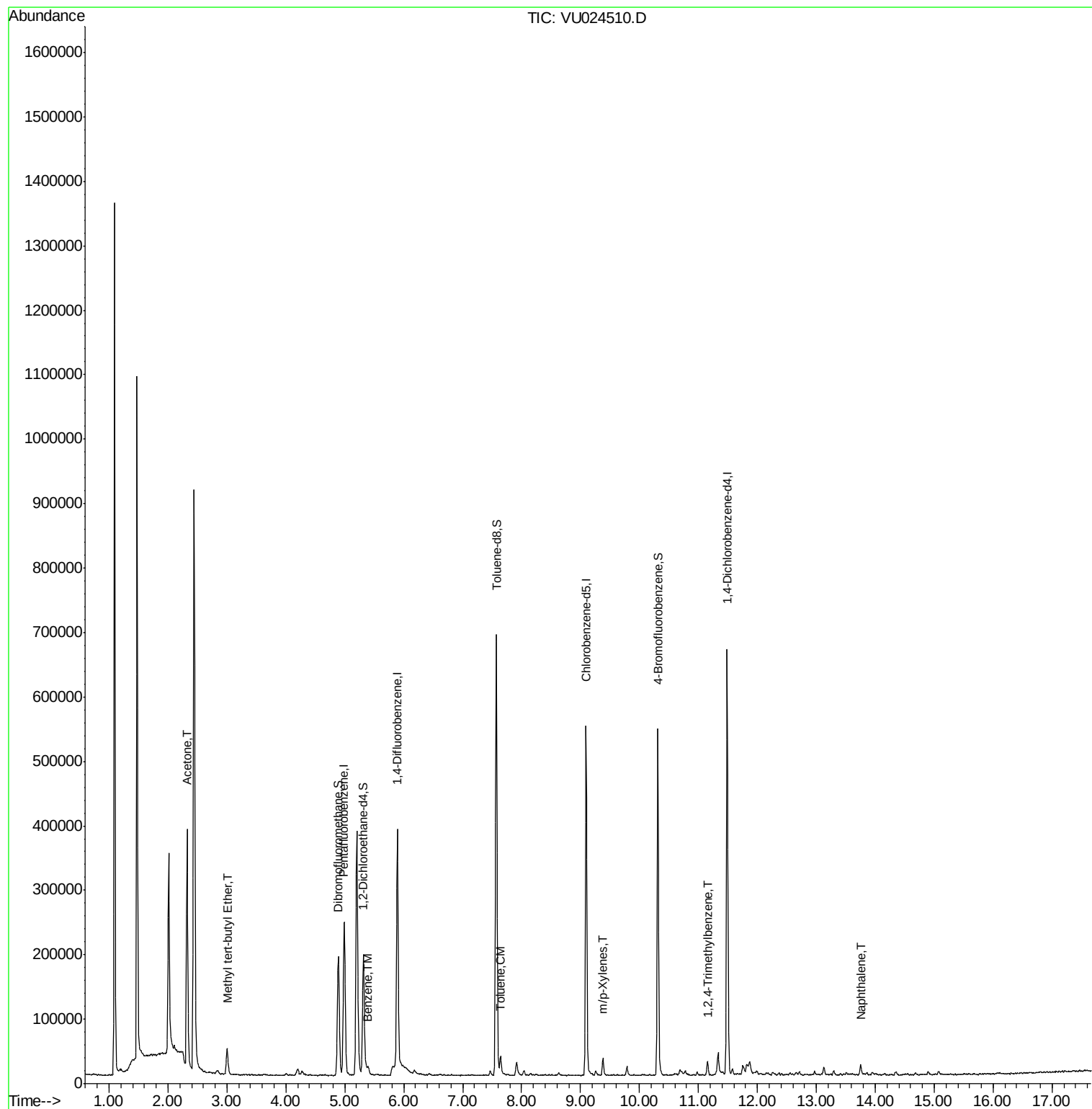
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	184317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	310944	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	301677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	176430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	147683	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
35) Dibromofluoromethane	4.89	113	126462	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	7.57	98	462150	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	10.31	95	178310	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
Target Compounds						
16) Acetone	2.32	43	385540	238.467	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	41506	5.261	ug/l	99
40) Benzene	5.40	78	10396	0.999	ug/l	98
52) Toluene	7.64	92	10383	1.550	ug/l	99
68) m/p-Xylenes	9.38	106	6380	1.230	ug/l	95
84) 1,2,4-Trimethylbenzene	11.15	105	11847	0.990	ug/l	98
95) Naphthalene	13.75	128	14756	1.801	ug/l	98

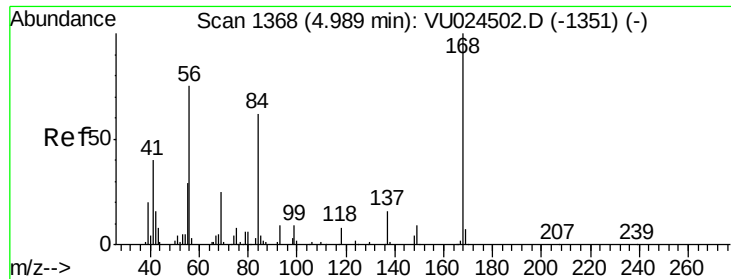
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061318\
Data File : VU024510.D
Acq On : 13 Jun 2018 16:13
Operator : MD/SY
Sample : J3425-01 200X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PGWPAL-AQ060818

Quant Time: Jun 13 17:20:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VU024510.D

Acq: 13 Jun 2018 16:13

Instrument :

MSVOA_U

ClientSampleId :

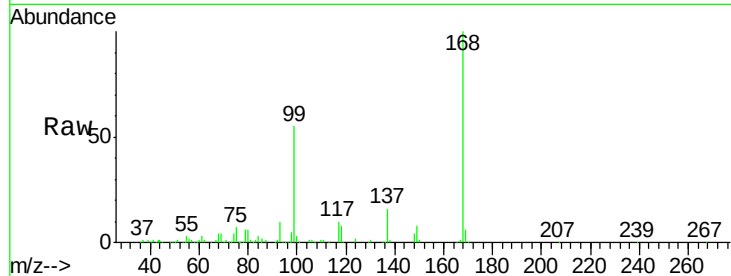
PGWPAL-AQ060818

Tot Ion:168 Resp: 184317

Ion Ratio Lower Upper

168 100

99 54.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024510.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024510.D (-1275) (-)

4.99

80000

60000

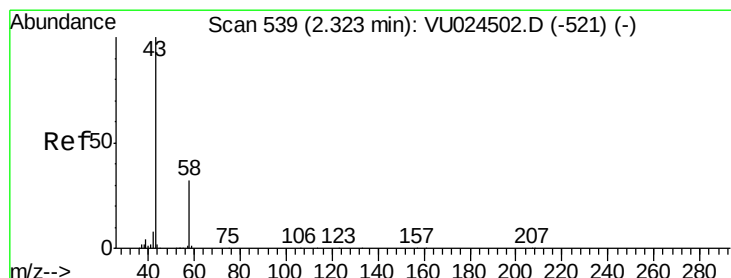
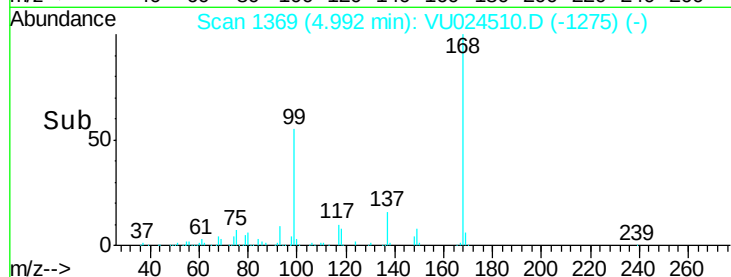
40000

20000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 238.467 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024510.D

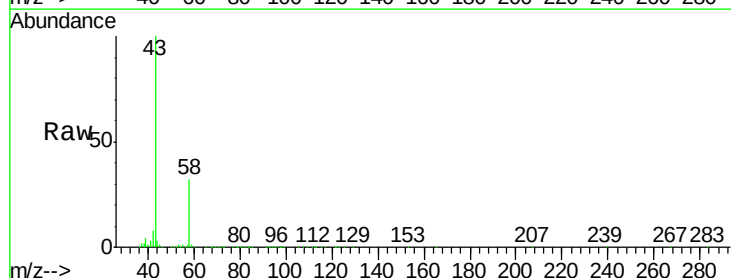
Acq: 13 Jun 2018 16:13

Tgt Ion: 43 Resp: 385540

Ion Ratio Lower Upper

43 100

58 32.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024510.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024510.D (-446) (-)

2.32

250000

200000

150000

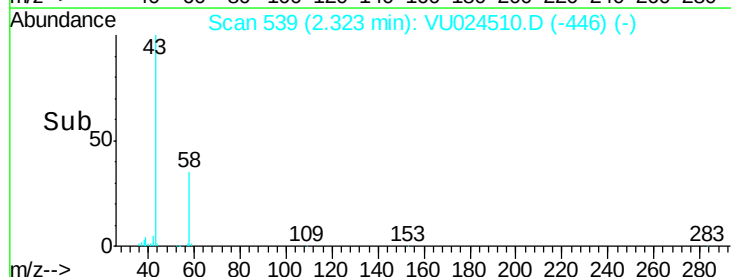
100000

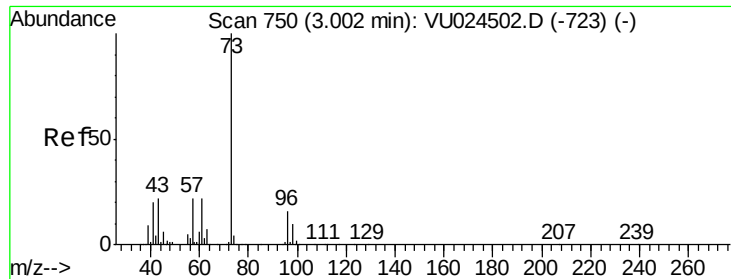
50000

0

2.25 2.30 2.35 2.40

Time-->



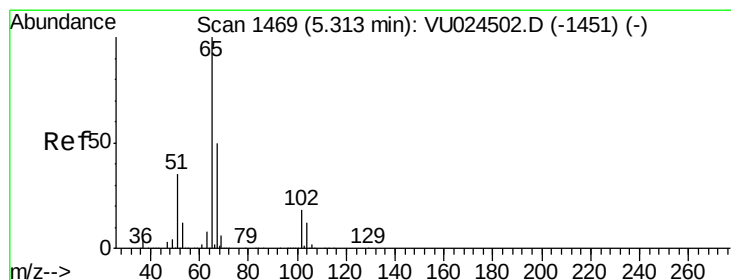
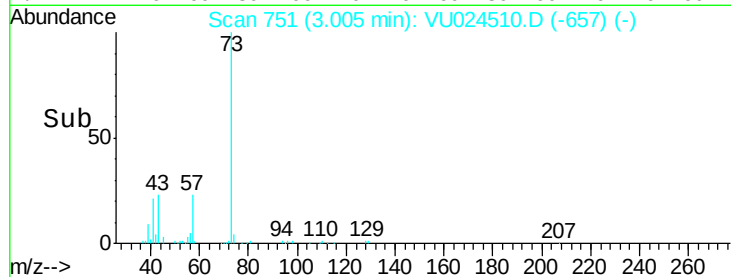
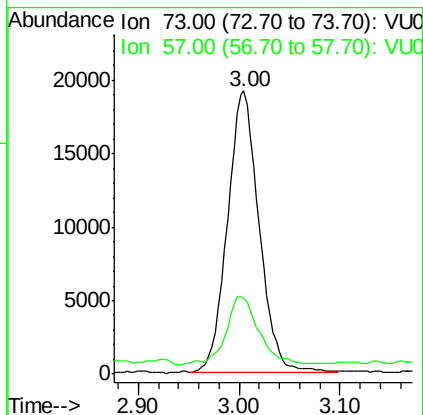
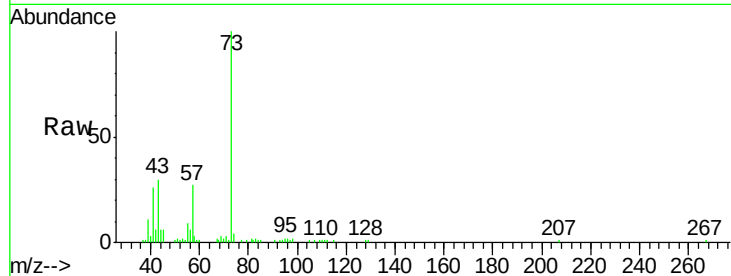


#19

Methyl tert-butyl Ether
 Concen: 5.261 ug/l
 RT: 3.00 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: VU024510.D
 Acq: 13 Jun 2018 16:13

Instrument :
 MSVOA_U
 ClientSampleId :
 PGWPAL-AQ060818

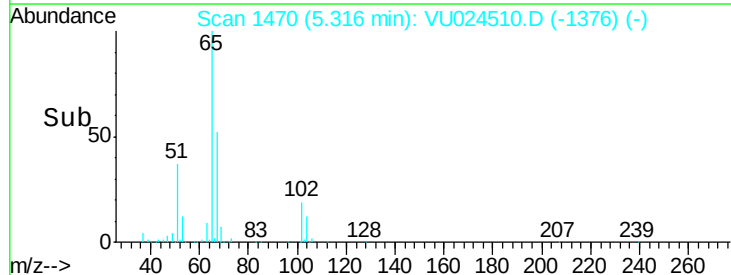
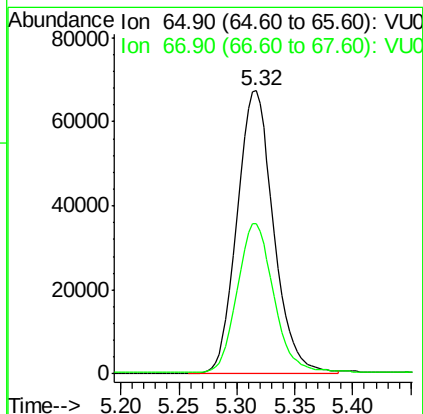
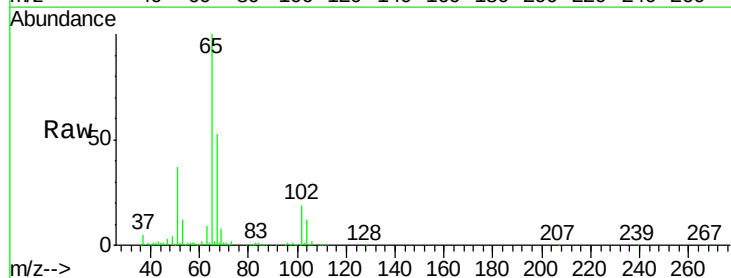
Tot Ion: 73 Resp: 41506
 Ion Ratio Lower Upper
 73 100
 57 23.1 18.8 28.2

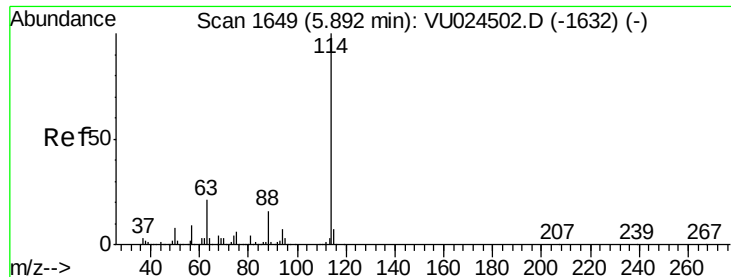


#33

1,2-Dichloroethane-d4
 Concen: 49.080 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU024510.D
 Acq: 13 Jun 2018 16:13

Tgt Ion: 65 Resp: 147683
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.0

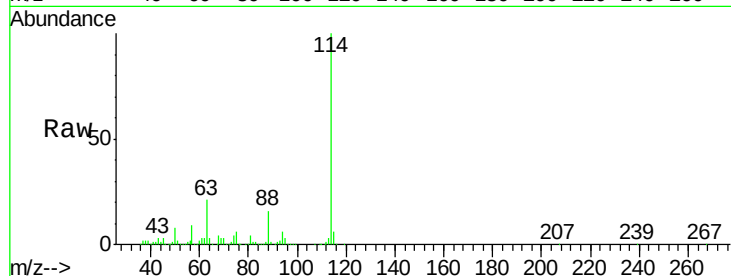




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024510.D
 Acq: 13 Jun 2018 16:13

Instrument :
 MSVOA_U
 ClientSampleId :
 PGWPAL-AQ060818

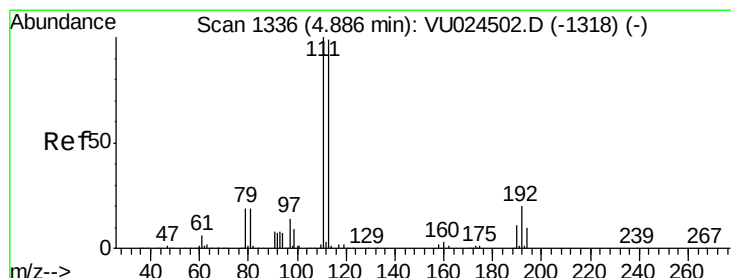
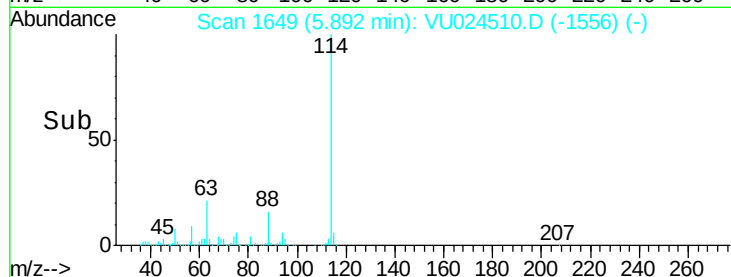
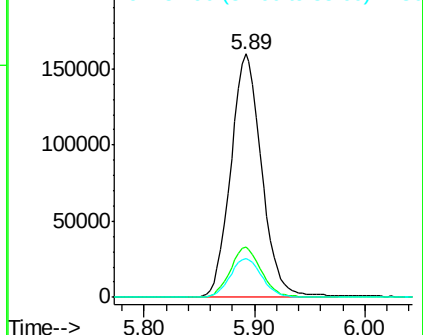
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	45.4
88	16.1	0.0	31.0



Abundance Ion 113.90 (113.60 to 114.60): V

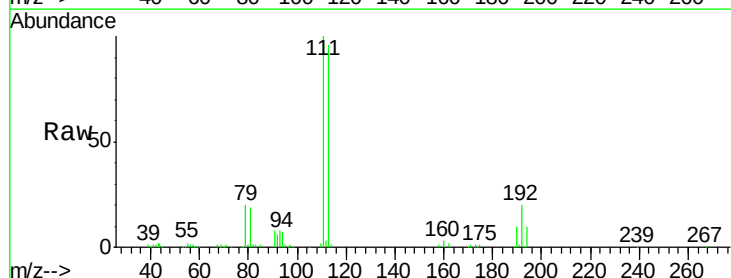
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 49.005 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024510.D
 Acq: 13 Jun 2018 16:13

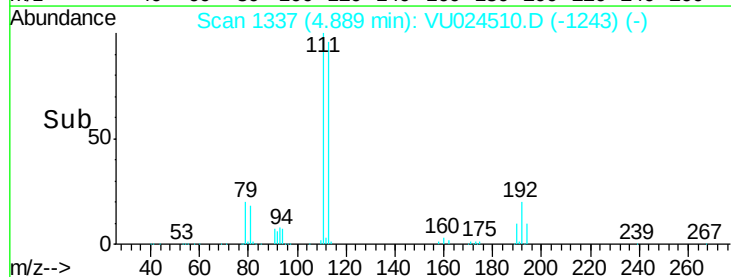
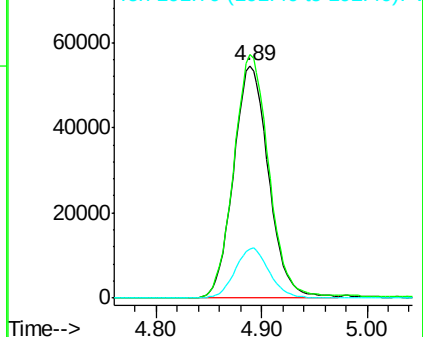
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	20.9	16.2	24.4

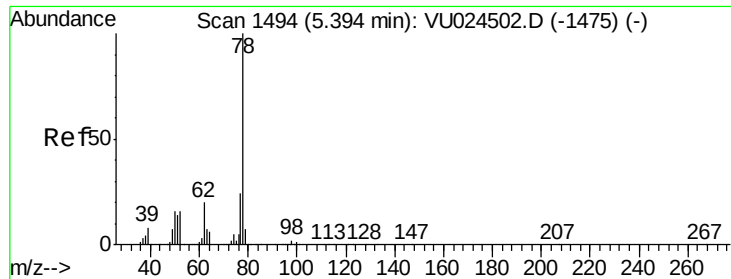


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.999 ug/l

RT: 5.40 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VU024510.D

Acq: 13 Jun 2018 16:13

Instrument :

MSVOA_U

ClientSampleId :

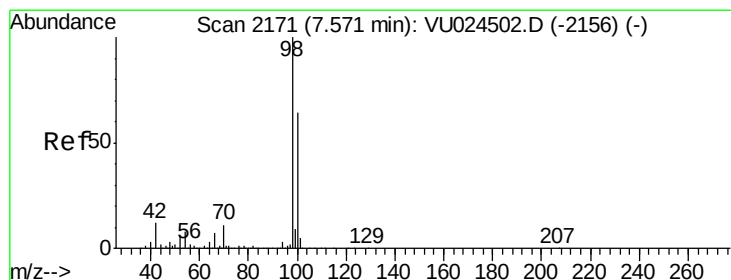
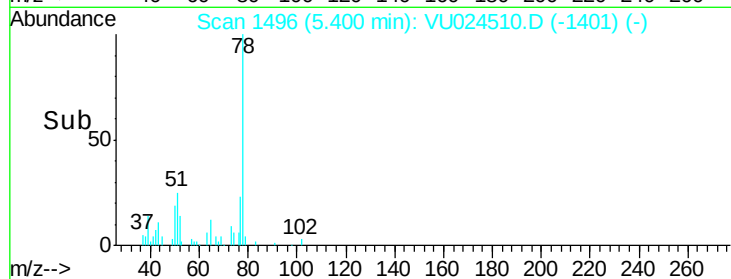
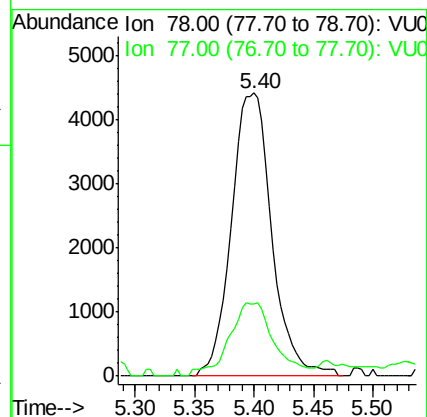
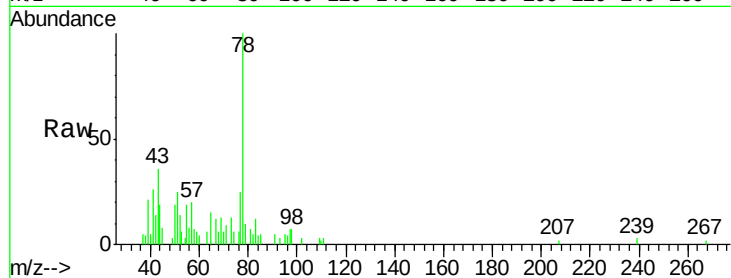
PGWPAL-AQ060818

Tot Ion: 78 Resp: 10396

Ion Ratio Lower Upper

78 100

77 22.9 19.2 28.8



#50

Toluene-d8

Concen: 49.097 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024510.D

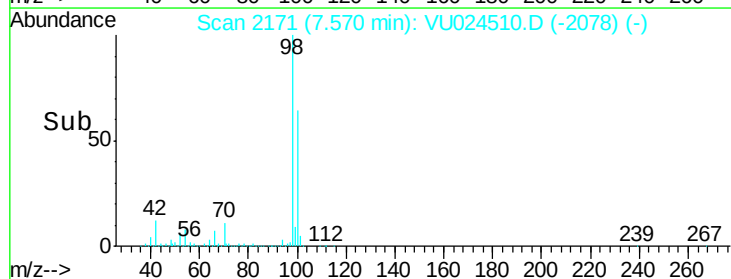
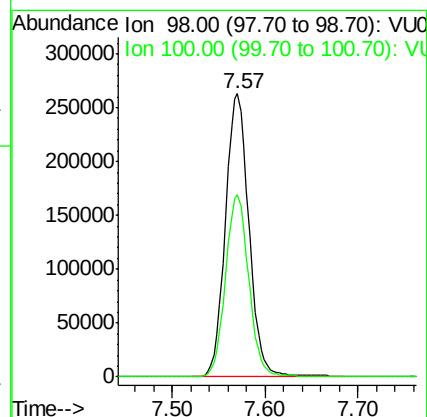
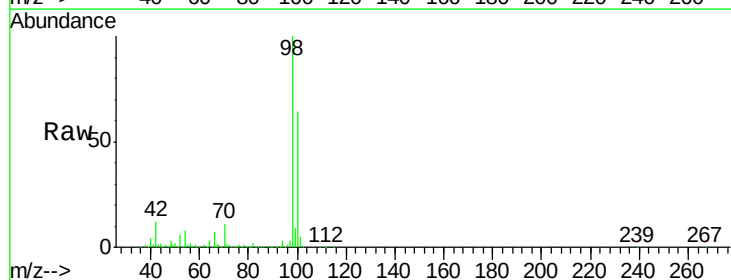
Acq: 13 Jun 2018 16:13

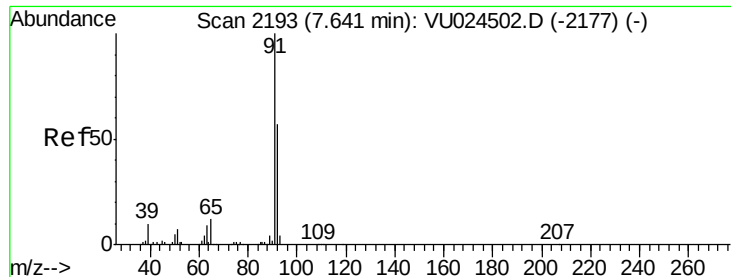
Tgt Ion: 98 Resp: 462150

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7





#52

Toluene

Concen: 1.550 ug/l

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU024510.D

Acq: 13 Jun 2018 16:13

Instrument :

MSVOA_U

ClientSampleId :

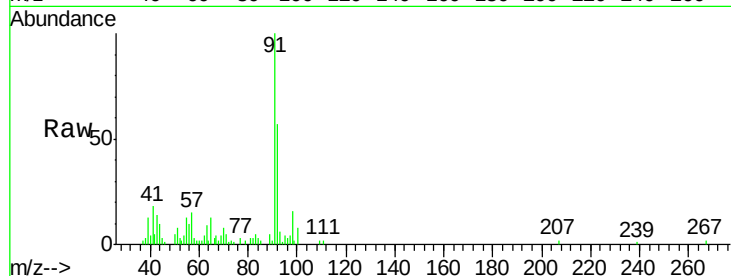
PGWPAL-AQ060818

Tot Ion: 92 Resp: 10383

Ion Ratio Lower Upper

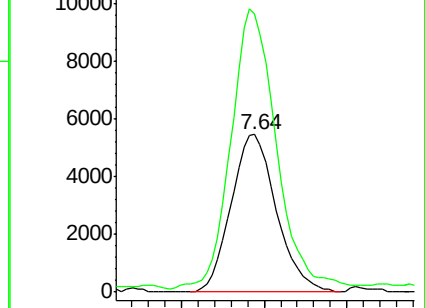
92 100

91 176.7 140.5 210.7

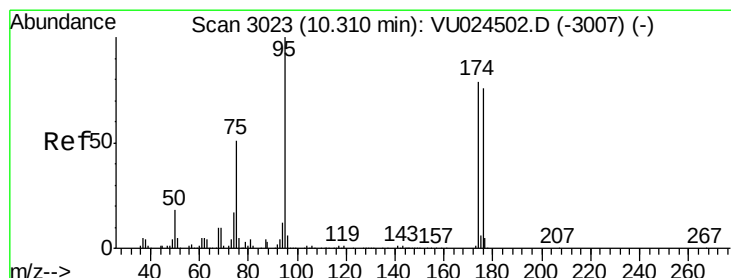
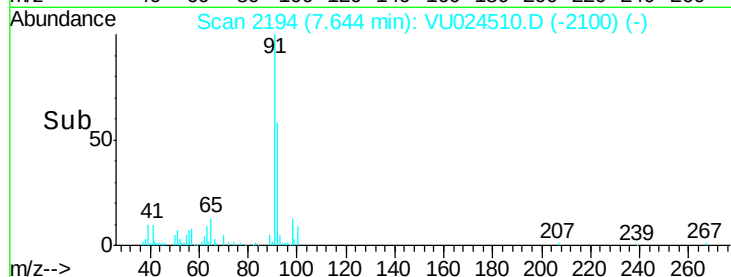


Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



Time-->



#62

4-Bromofluorobenzene

Concen: 47.711 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU024510.D

Acq: 13 Jun 2018 16:13

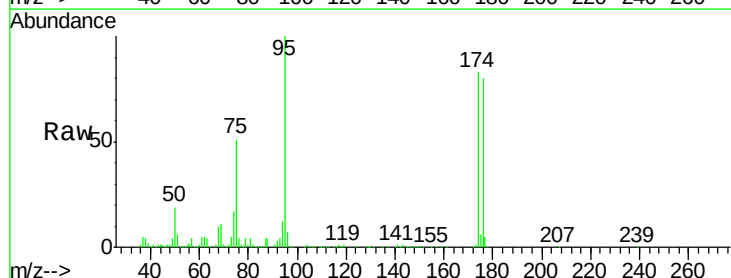
Tgt Ion: 95 Resp: 178310

Ion Ratio Lower Upper

95 100

174 82.8 0.0 165.8

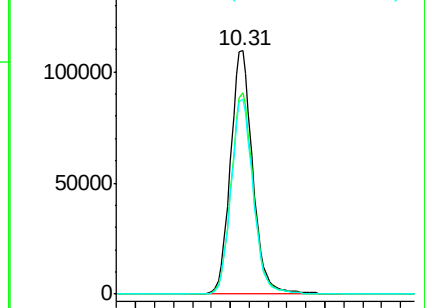
176 80.2 0.0 159.4



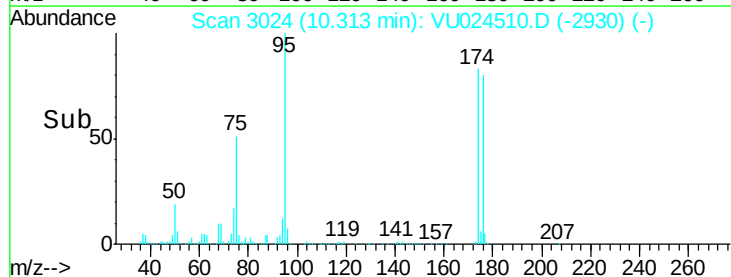
Abundance Ion 94.90 (94.60 to 95.60): VU0

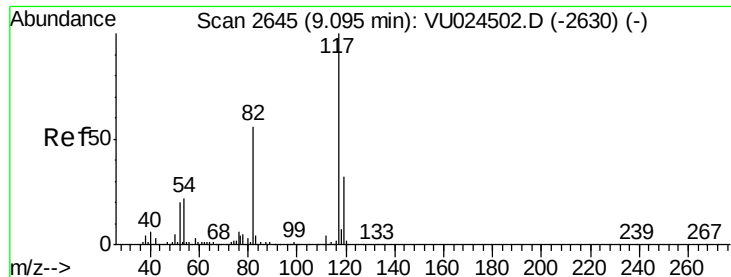
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

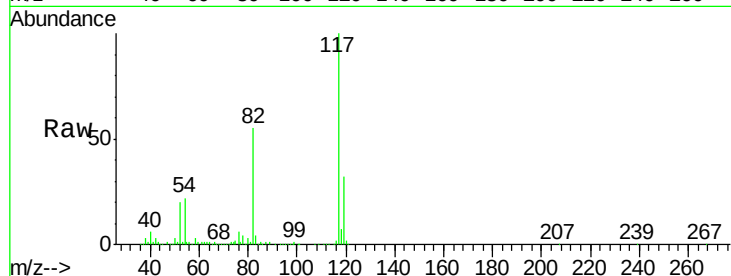




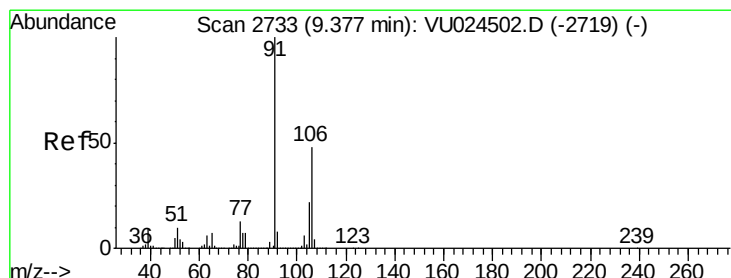
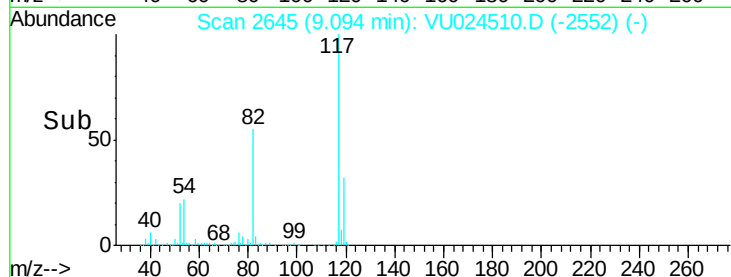
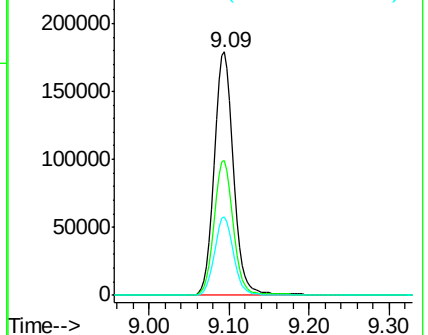
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024510.D
Acq: 13 Jun 2018 16:13

Instrument :
MSVOA_U
ClientSampleId :
PGWPAL-AQ060818

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.3	66.5
119	32.5	25.4	38.2

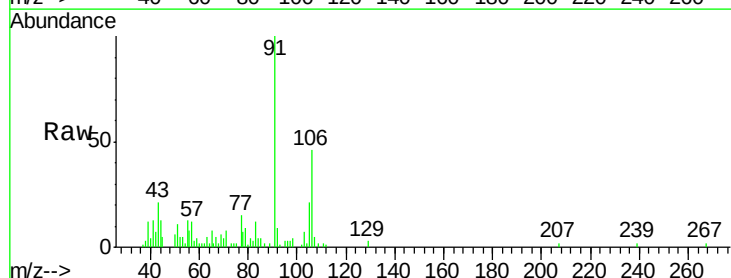


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

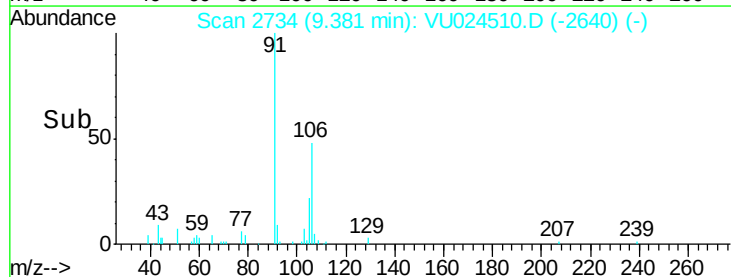
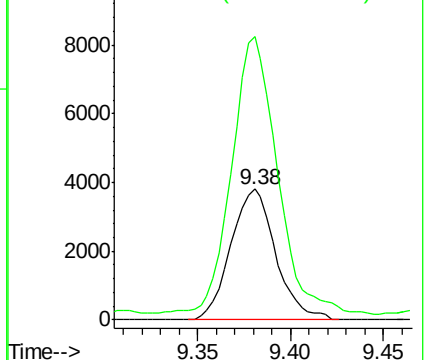


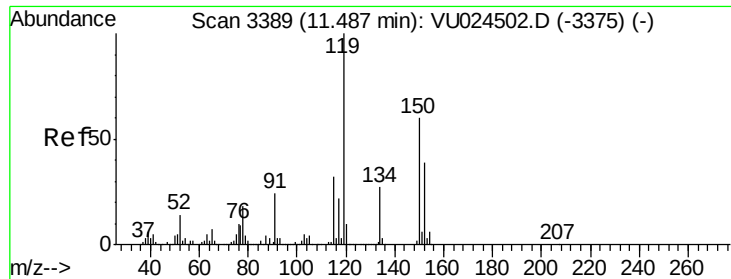
#68
m/p-Xylenes
Concen: 1.230 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU024510.D
Acq: 13 Jun 2018 16:13

Tgt Ion	Ratio	Lower	Upper
106	100		
91	215.7	166.5	249.7



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

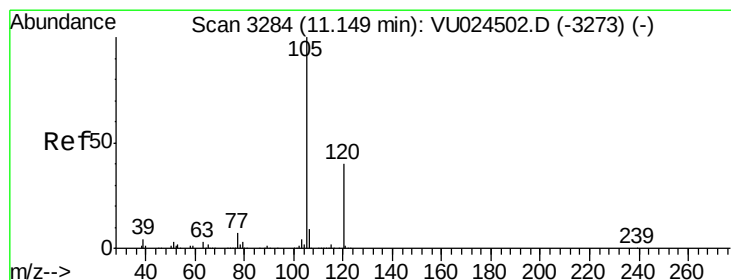
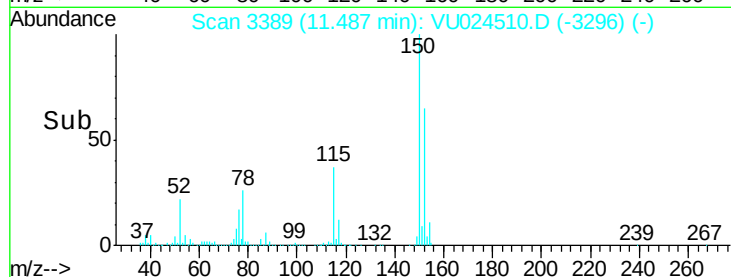
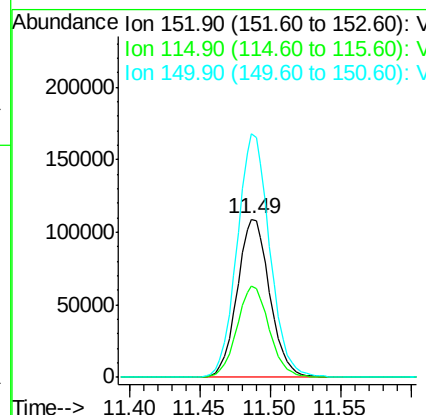
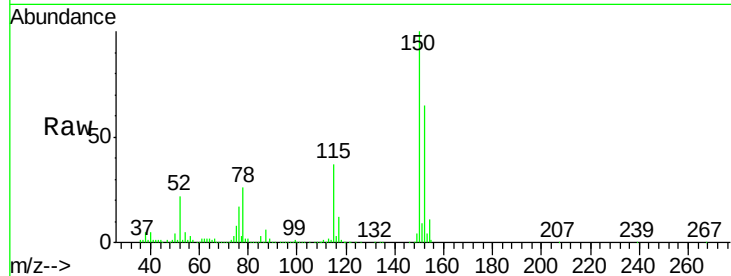




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VU024510.D
 Acq: 13 Jun 2018 16:13

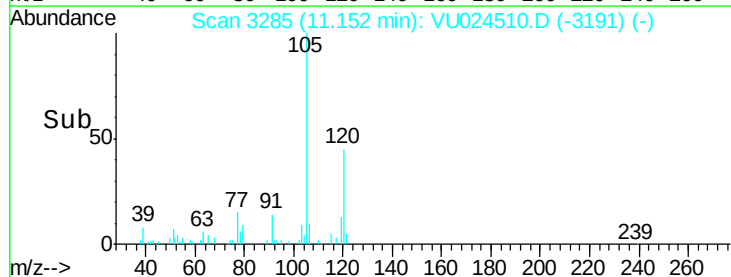
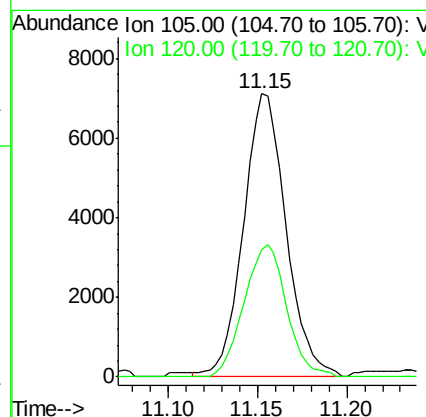
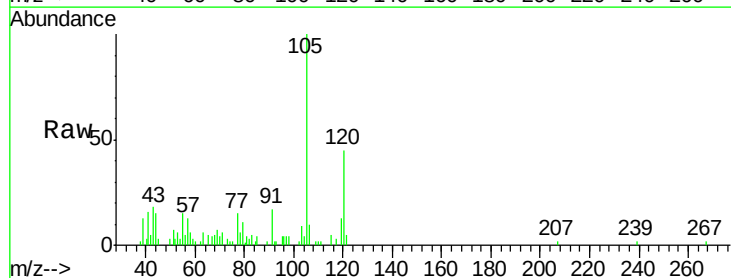
Instrument :
 MSVOA_U
 ClientSampleId :
 PGWPAL-AQ060818

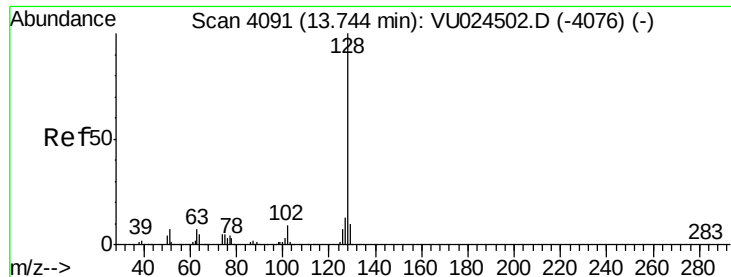
Tot Ion:152 Resp: 176430
 Ion Ratio Lower Upper
 152 100
 115 57.5 43.0 129.0
 150 154.2 0.0 354.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.990 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024510.D
 Acq: 13 Jun 2018 16:13

Tgt Ion:105 Resp: 11847
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.6 67.8





#95

Naphthalene

Concen: 1.801 ug/l

RT: 13.75 min Scan# 4094

Delta R.T. 0.01 min

Lab File: VU024510.D

Acq: 13 Jun 2018 16:13

Instrument :

MSVOA_U

ClientSampleId :

PGWPAL-AQ060818

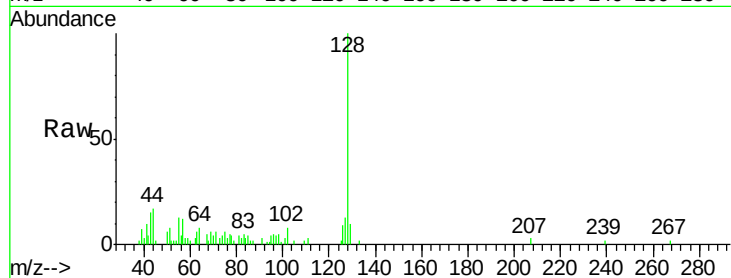
Tot Ion:128 Resp: 14756

Ion Ratio Lower Upper

128 100

127 12.2 10.6 16.0

129 10.6 8.6 12.8



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

