

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061318\
 Data File : VU024507.D
 Acq On : 13 Jun 2018 15:03
 Operator : MD/SY
 Sample : J3425-01 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PGWPAL-AQ060818

Quant Time: Jun 13 17:11:23 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

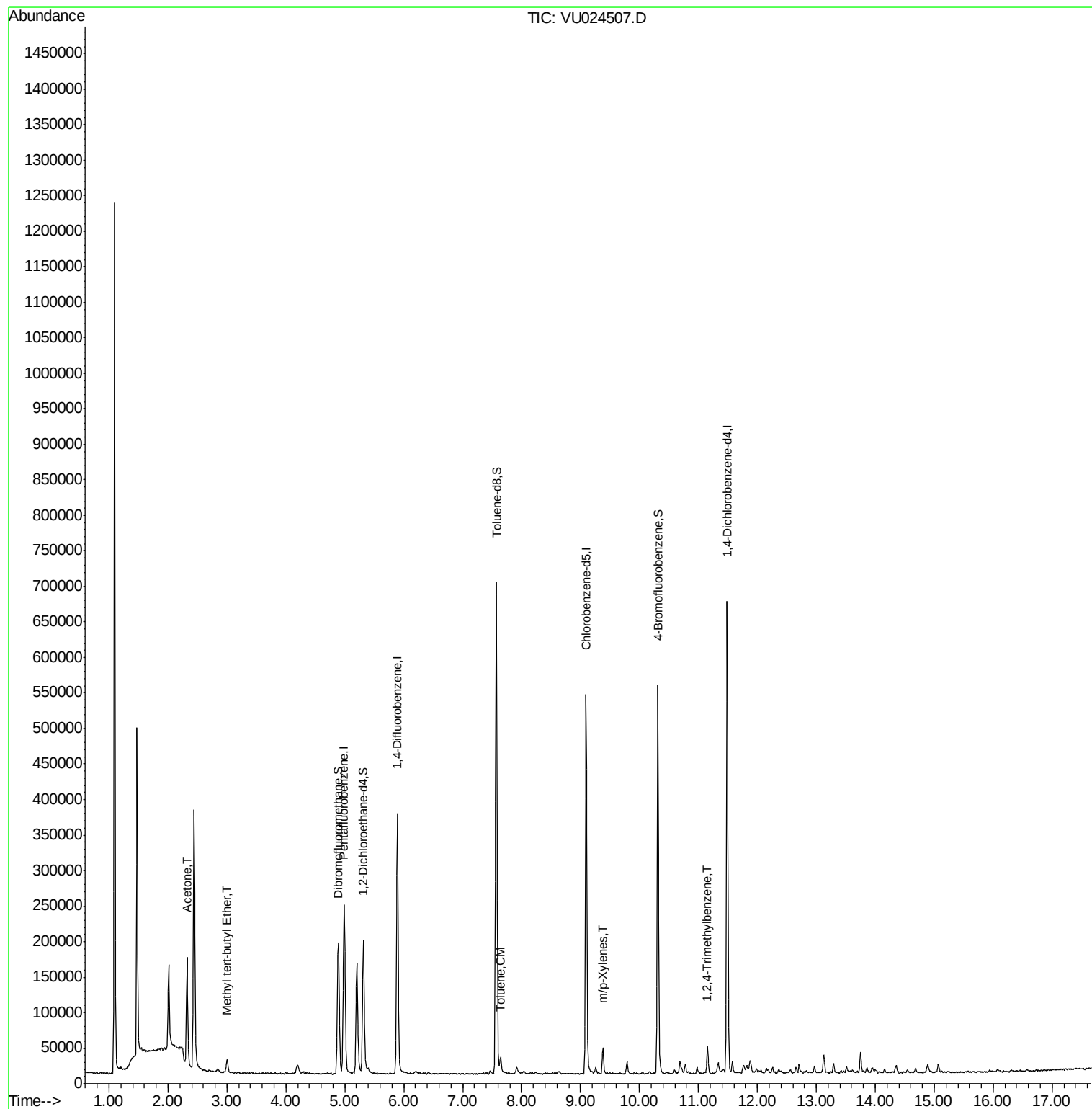
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	187405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	314905	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	300351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	175042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	151235	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
35) Dibromofluoromethane	4.89	113	129255	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	7.57	98	463553	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
62) 4-Bromofluorobenzene	10.31	95	182411	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
Target Compounds						
16) Acetone	2.32	43	160064	97.373	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	17609	2.195	ug/l	98
52) Toluene	7.64	92	8773	1.293	ug/l	92
68) m/p-Xylenes	9.38	106	10200	1.975	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	21536	1.814	ug/l	98

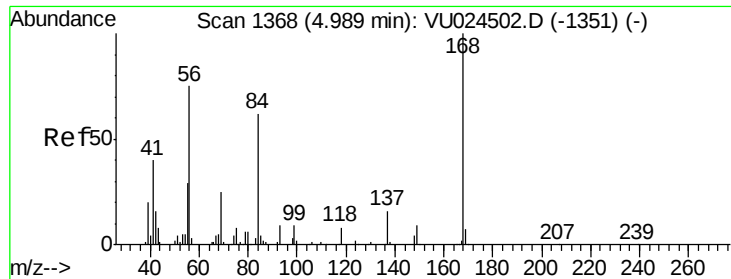
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024507.D

Acq: 13 Jun 2018 15:03

Instrument :

MSVOA_U

ClientSampleId :

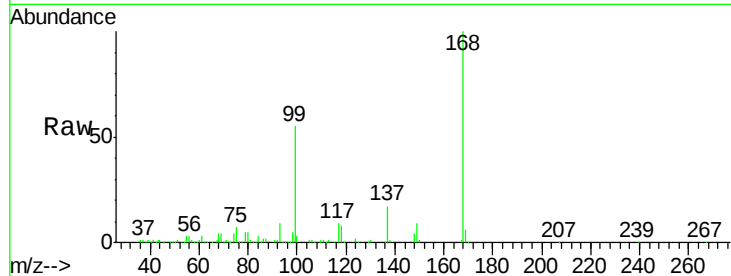
PGWPAL-AQ060818

Tot Ion:168 Resp: 187405

Ion Ratio Lower Upper

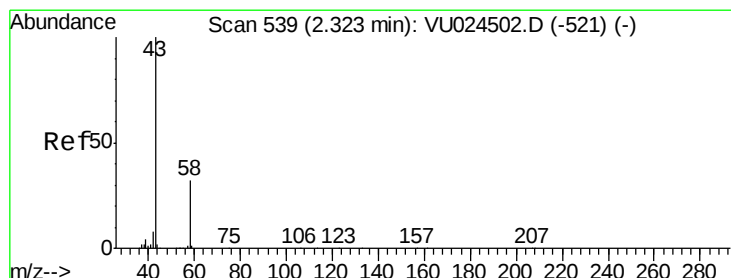
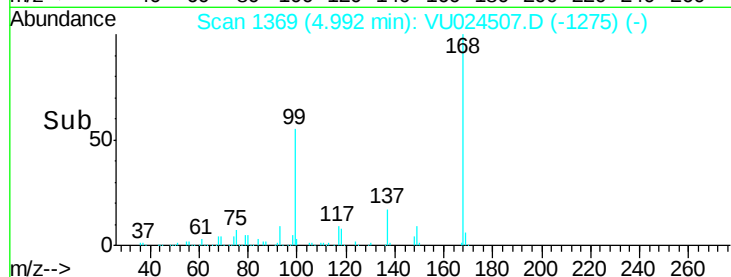
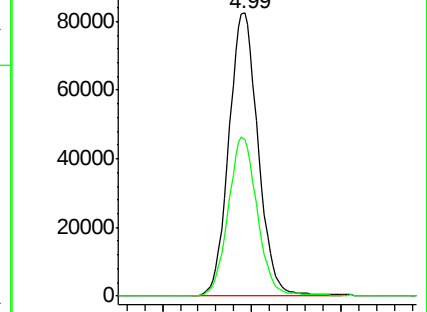
168 100

99 55.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024507.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024507.D (-1275) (-)



#16

Acetone

Concen: 97.373 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024507.D

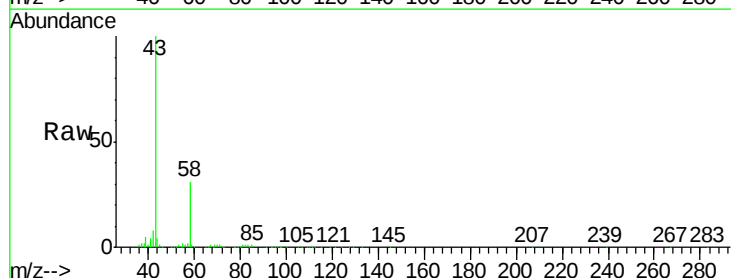
Acq: 13 Jun 2018 15:03

Tgt Ion: 43 Resp: 160064

Ion Ratio Lower Upper

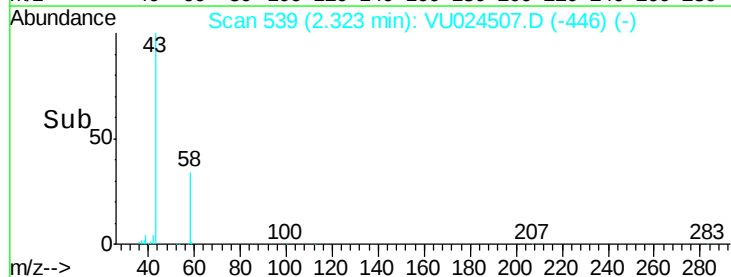
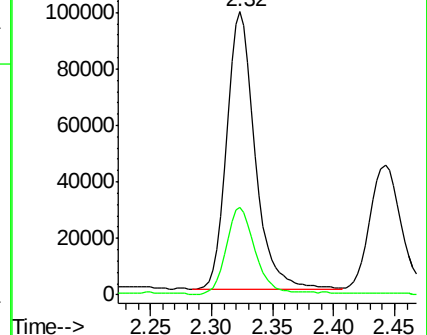
43 100

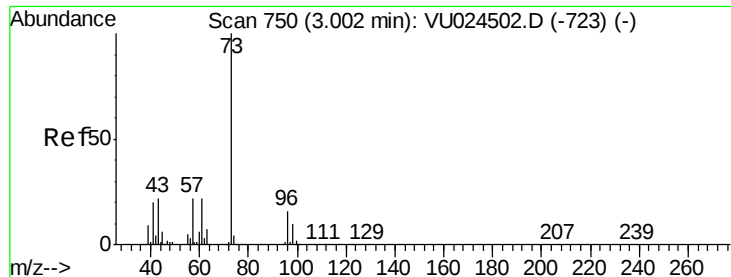
58 31.4 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024507.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024507.D (-446) (-)



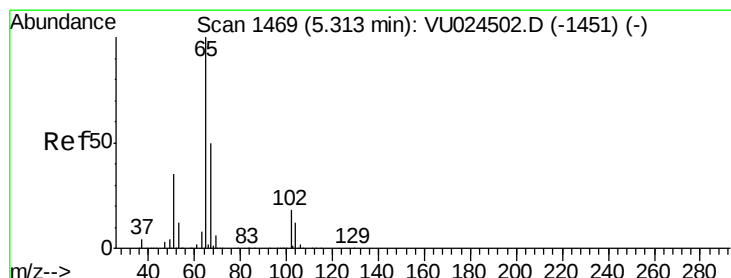
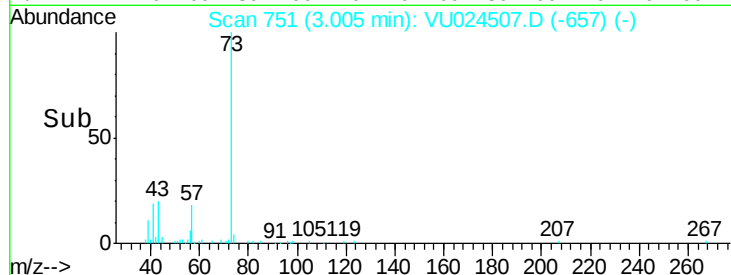
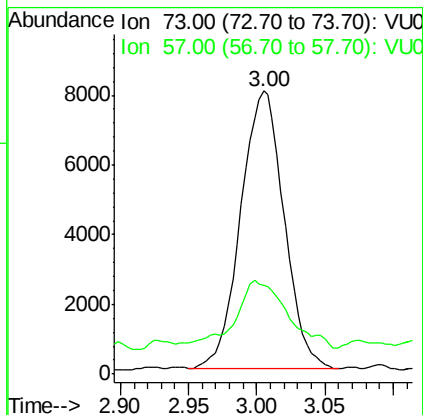
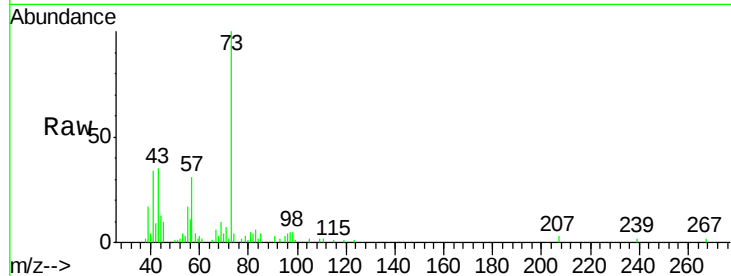


#19

Methvl tert-butvl Ether
 Concen: 2.195 ug/l
 RT: 3.00 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: VU024507.D
 Acq: 13 Jun 2018 15:03

Instrument :
 MSVOA_U
 ClientSampleId :
 PGWPAL-AQ060818

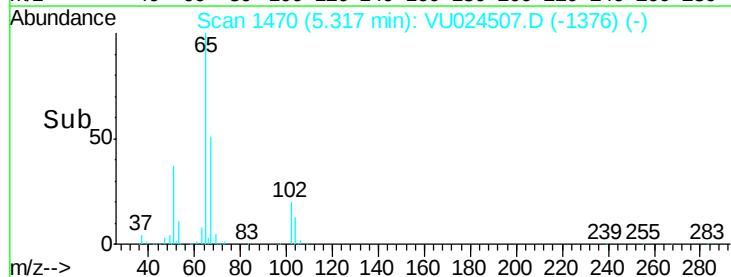
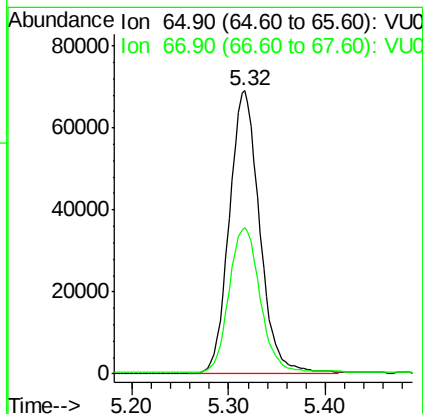
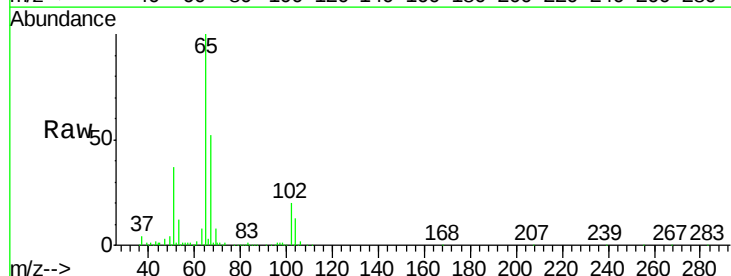
Tot Ion: 73 Resp: 17609
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.8 28.2

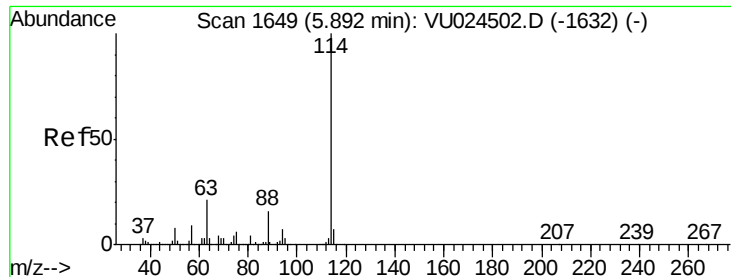


#33

1,2-Dichloroethane-d4
 Concen: 49.432 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU024507.D
 Acq: 13 Jun 2018 15:03

Tgt Ion: 65 Resp: 151235
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.0

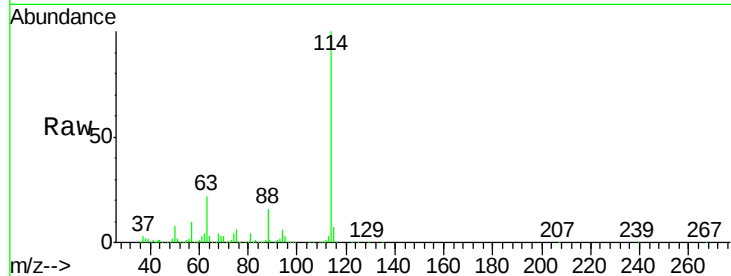




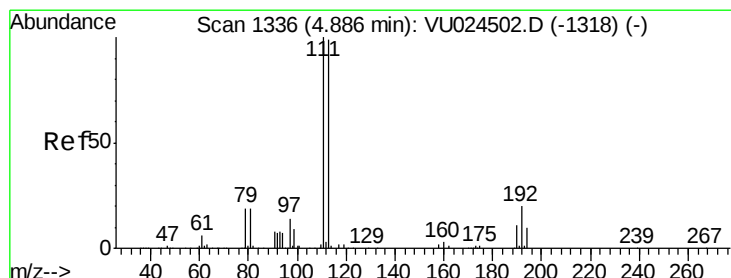
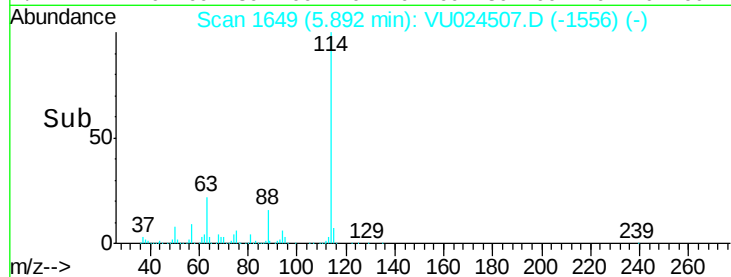
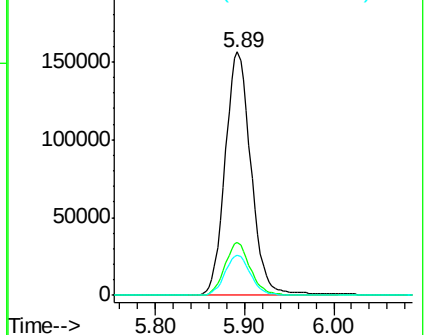
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU024507.D
Acq: 13 Jun 2018 15:03

Instrument :
MSVOA_U
ClientSampleId :
PGWPAL-AQ060818

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	45.4
88	16.4	0.0	31.0

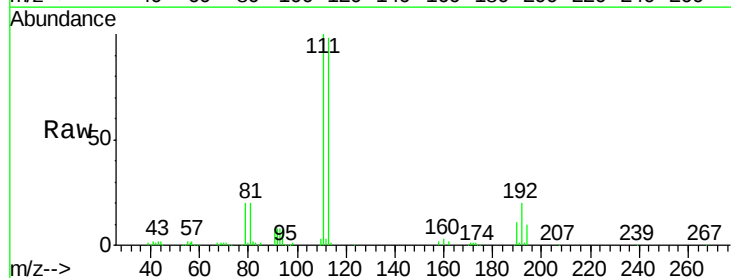


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

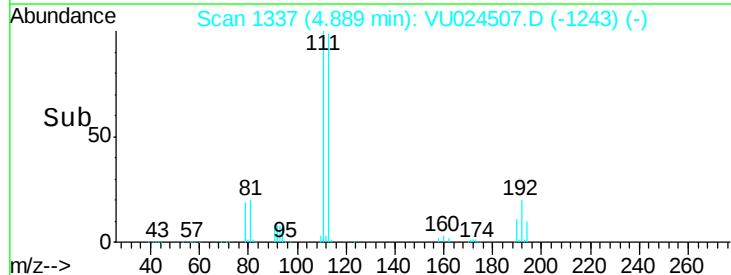
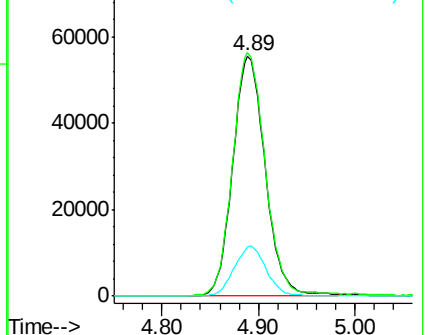


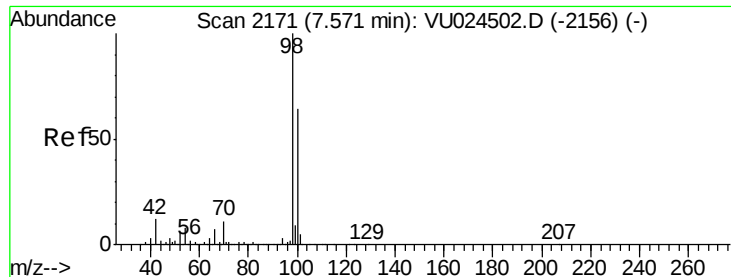
#35
Dibromofluoromethane
Concen: 49.457 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024507.D
Acq: 13 Jun 2018 15:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.4
192	20.6	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

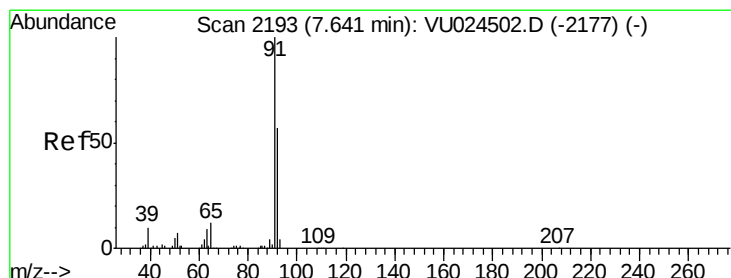
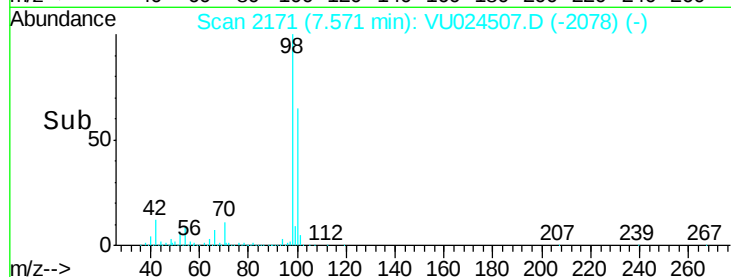
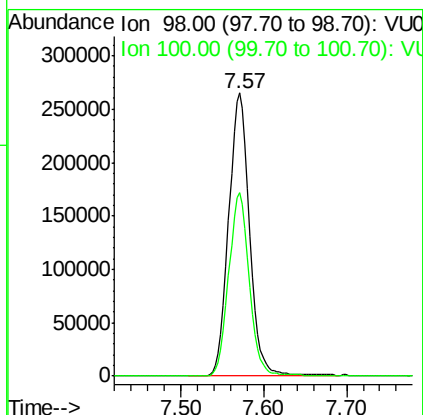
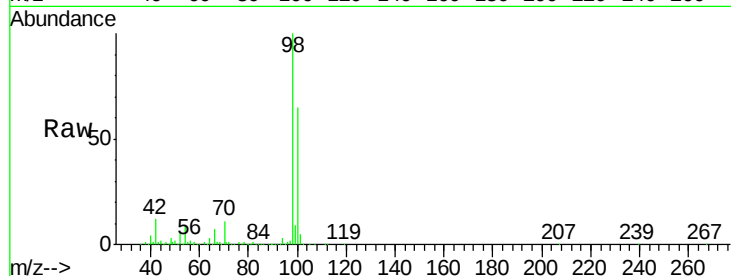




#50
Toluene-d8
Concen: 48.627 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024507.D
Acq: 13 Jun 2018 15:03

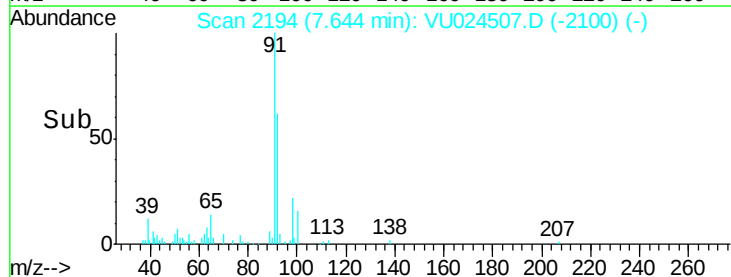
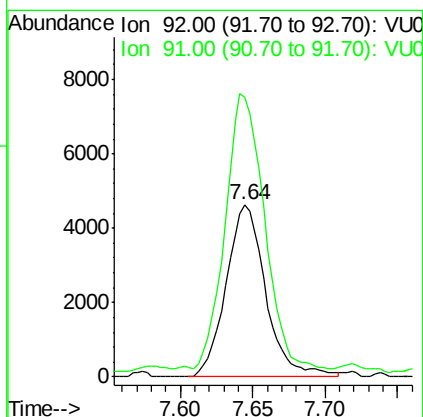
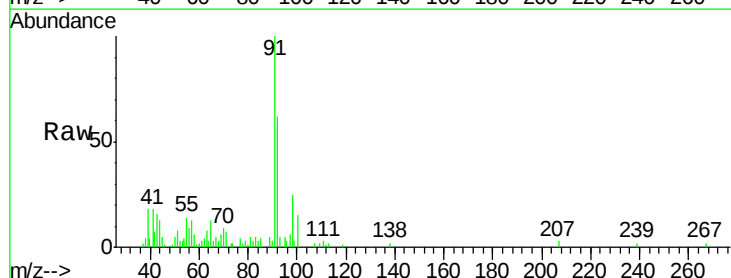
Instrument :
MSVOA_U
ClientSampleId :
PGWPAL-AQ060818

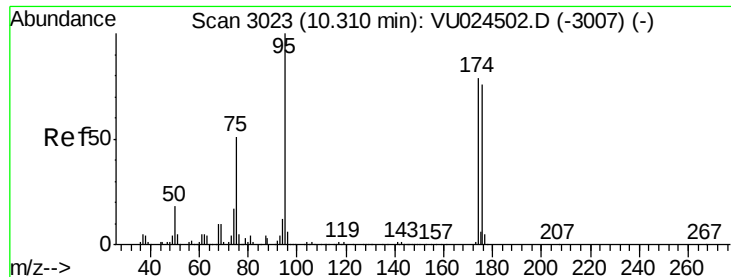
Tot Ion: 98 Resp: 463553
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7



#52
Toluene
Concen: 1.293 ug/l
RT: 7.64 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU024507.D
Acq: 13 Jun 2018 15:03

Tgt Ion: 92 Resp: 8773
Ion Ratio Lower Upper
92 100
91 164.5 140.5 210.7

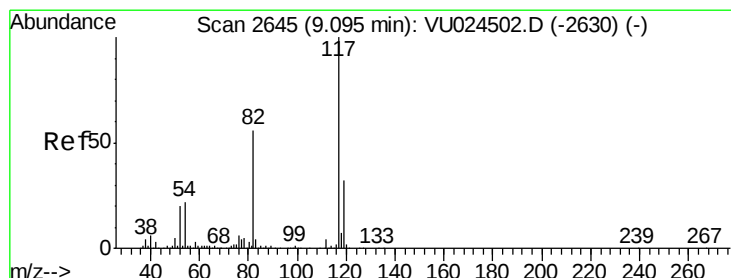
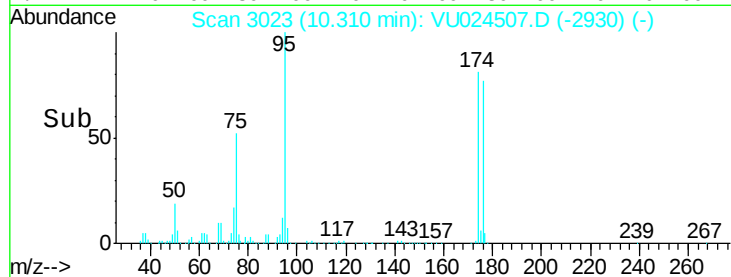
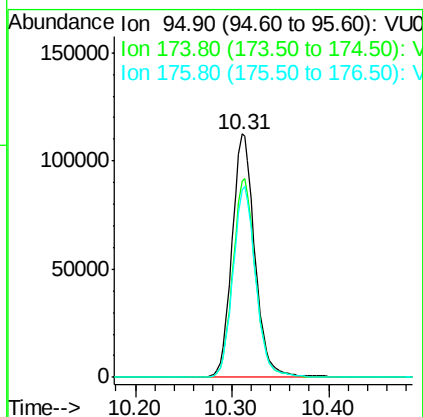
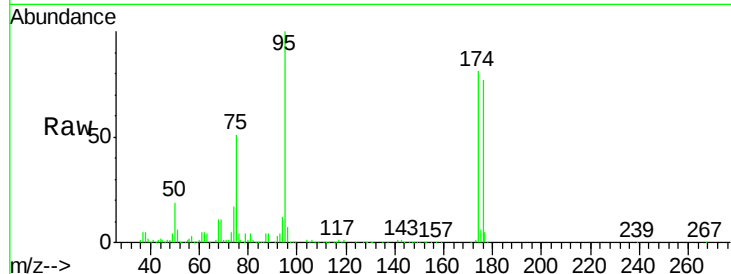




#62
4-Bromofluorobenzene
Concen: 48.194 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024507.D
Acq: 13 Jun 2018 15:03

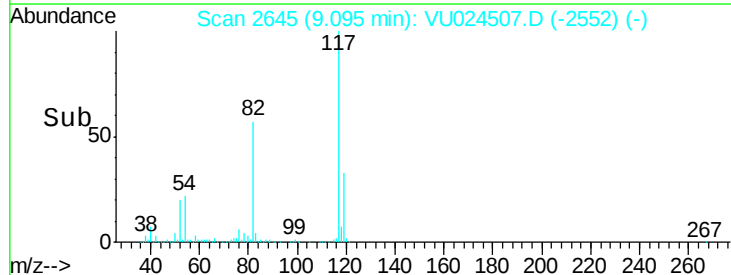
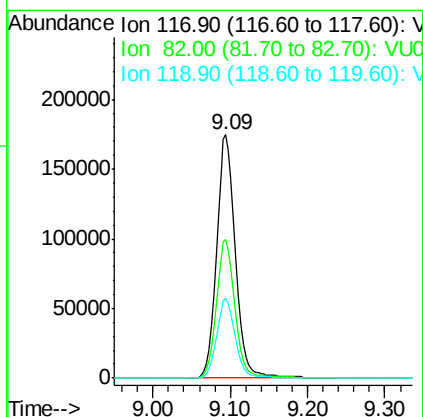
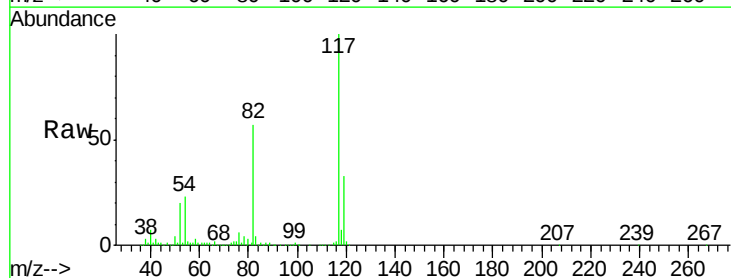
Instrument :
MSVOA_U
ClientSampleId :
PGWPAL-AQ060818

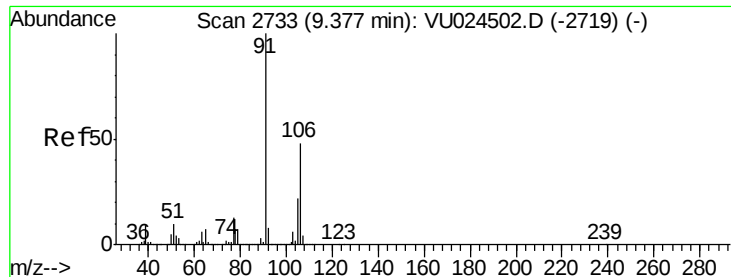
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	165.8
176	78.7	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024507.D
Acq: 13 Jun 2018 15:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.3	66.5
119	32.6	25.4	38.2





#68

m/p-Xvlenes

Concen: 1.975 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU024507.D

Acq: 13 Jun 2018 15:03

Instrument :

MSVOA_U

ClientSampleId :

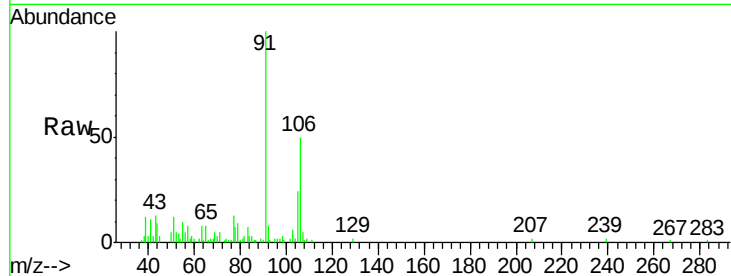
PGWPAL-AQ060818

Tot Ion:106 Resp: 10200

Ion Ratio Lower Upper

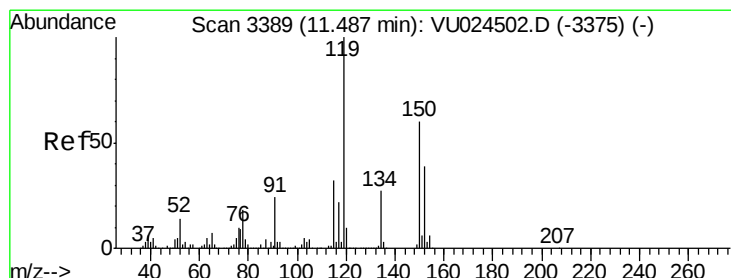
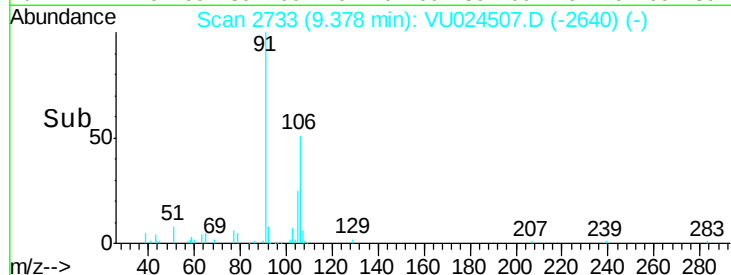
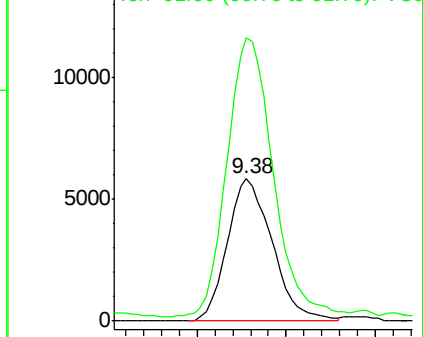
106 100

91 202.4 166.5 249.7



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: VU024507.D

Acq: 13 Jun 2018 15:03

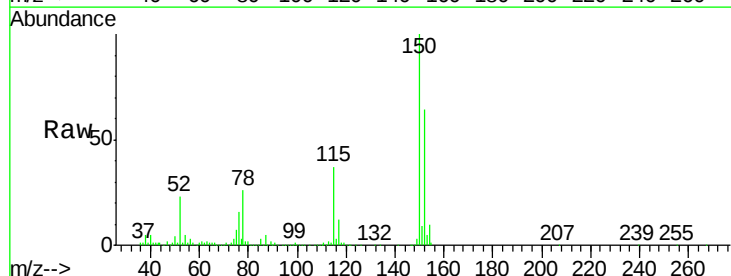
Tgt Ion:152 Resp: 175042

Ion Ratio Lower Upper

152 100

115 57.6 43.0 129.0

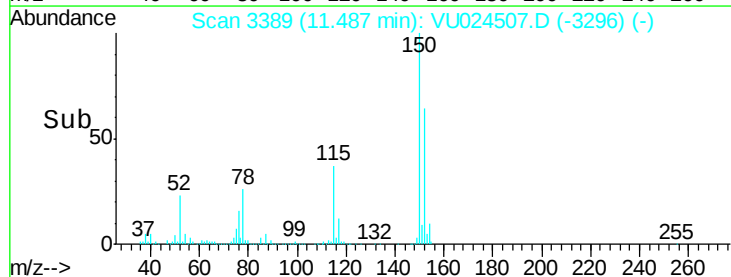
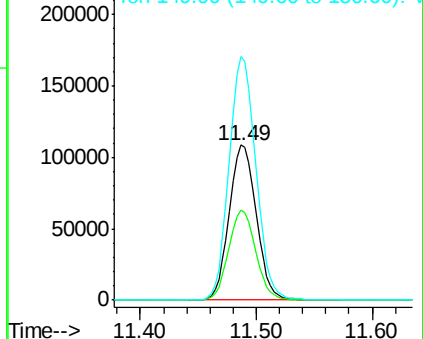
150 155.2 0.0 354.0

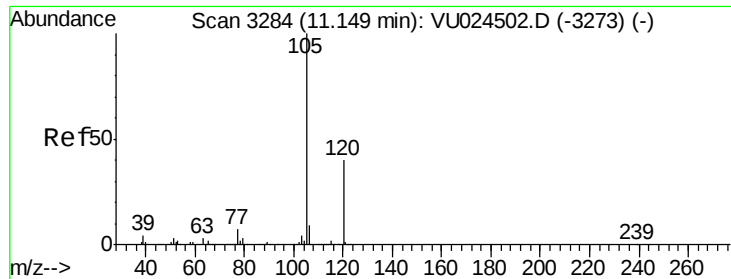


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.814 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU024507.D

Acq: 13 Jun 2018 15:03

Instrument :

MSVOA_U

ClientSampleId :

PGWPAL-AQ060818

Tot Ion:105 Resp: 21536

Ion Ratio Lower Upper

105 100

120 43.7 22.6 67.8

