

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024532.D
 Acq On : 14 Jun 2018 12:15
 Operator : MD/SY
 Sample : J3459-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-RO-341

Quant Time: Jun 15 02:34:36 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

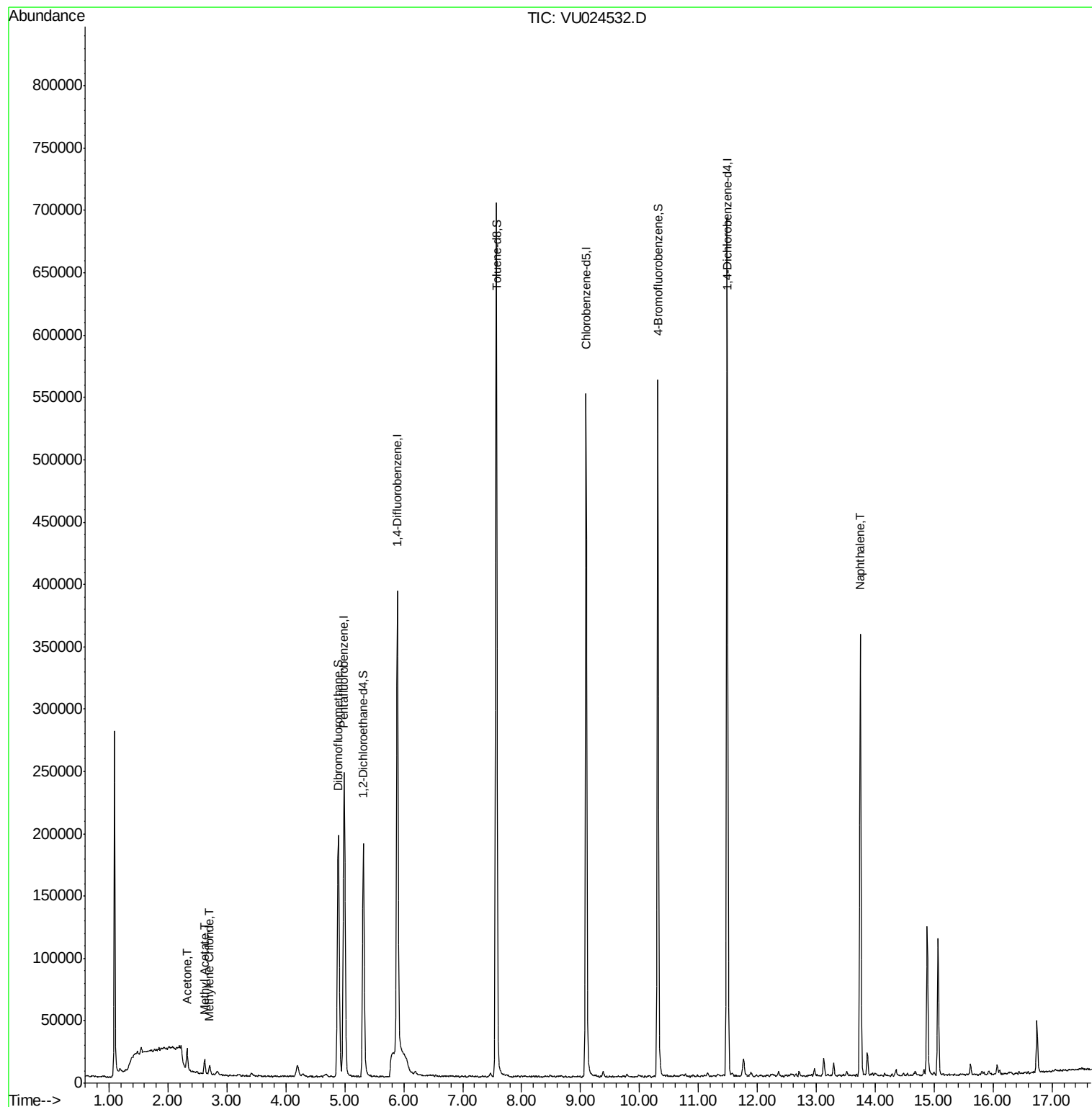
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	194836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	327519	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	308683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	182110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	146470	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.10%	
35) Dibromofluoromethane	4.89	113	131619	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	7.57	98	480676	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	10.31	95	187659	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
Target Compounds						
16) Acetone	2.32	43	16329	9.555	ug/l	92
18) Methyl Acetate	2.62	43	14235	3.885	ug/l	98
20) Methylene Chloride	2.70	84	3397	1.267	ug/l	90
95) Naphthalene	13.75	128	282856	21.516	ug/l	100

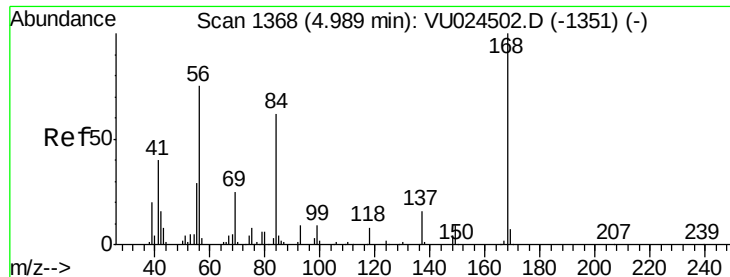
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024532.D

Acq: 14 Jun 2018 12:15

Instrument :

MSVOA_U

ClientSampleId :

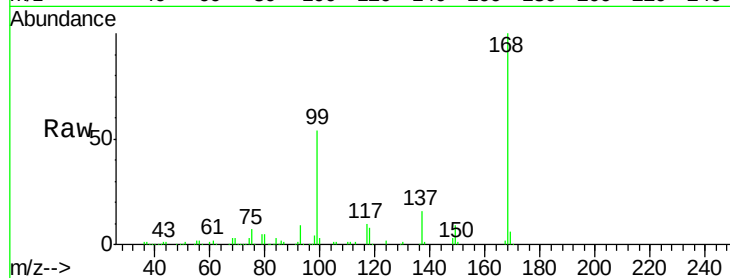
MH-RO-341

Tot Ion:168 Resp: 194836

Ion Ratio Lower Upper

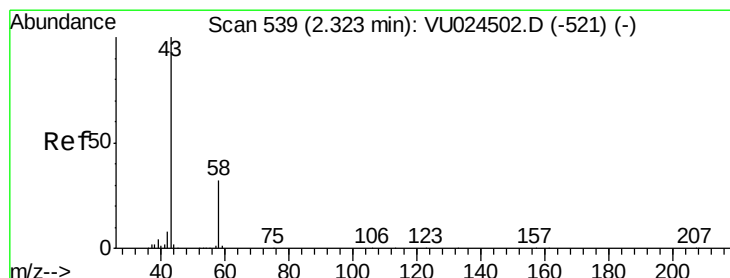
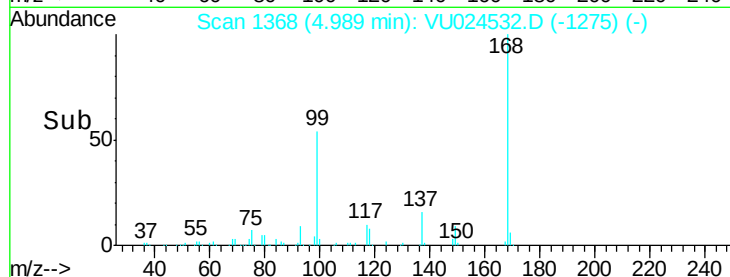
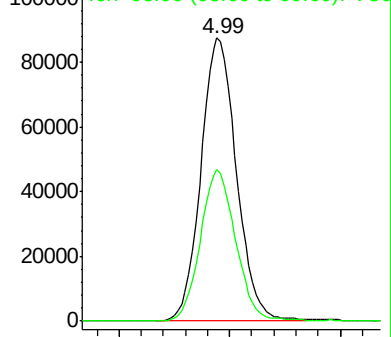
168 100

99 53.7 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#16

Acetone

Concen: 9.555 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024532.D

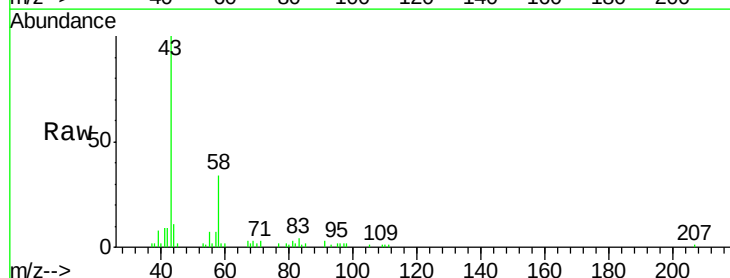
Acq: 14 Jun 2018 12:15

Tgt Ion: 43 Resp: 16329

Ion Ratio Lower Upper

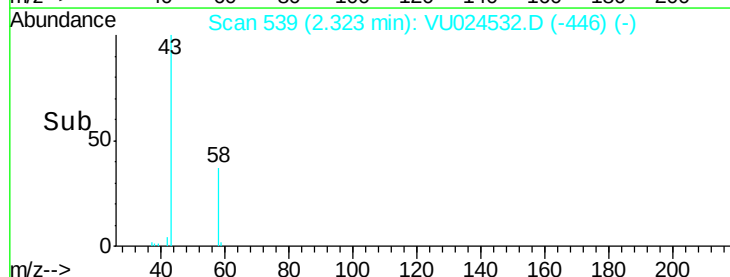
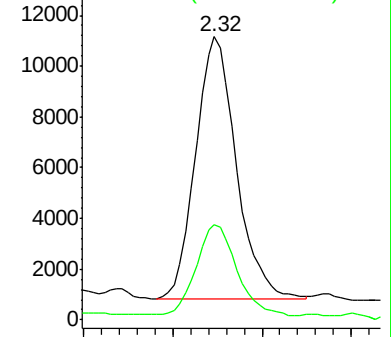
43 100

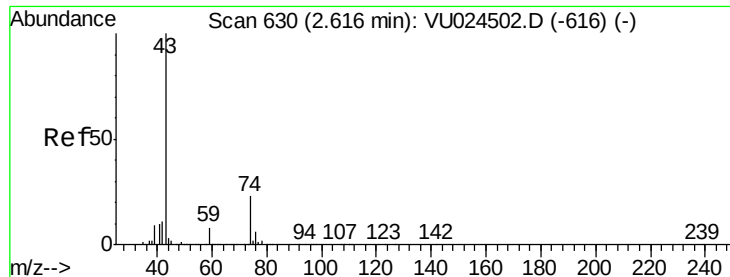
58 34.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

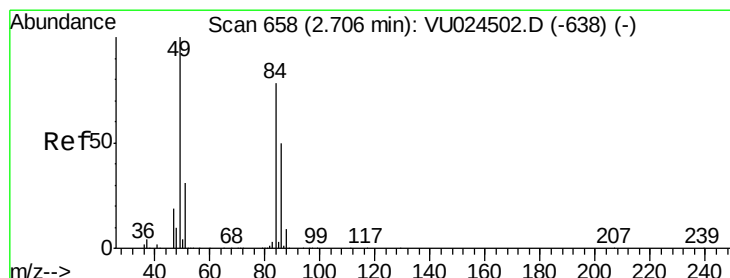
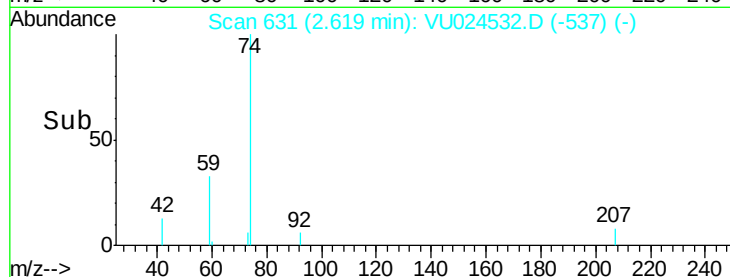
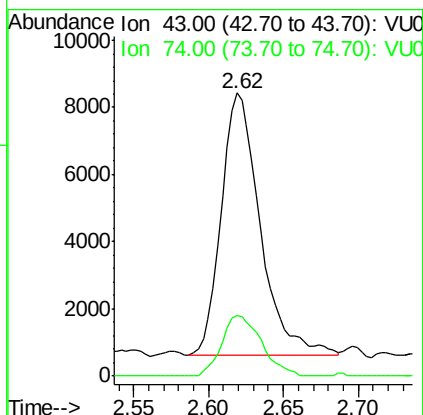
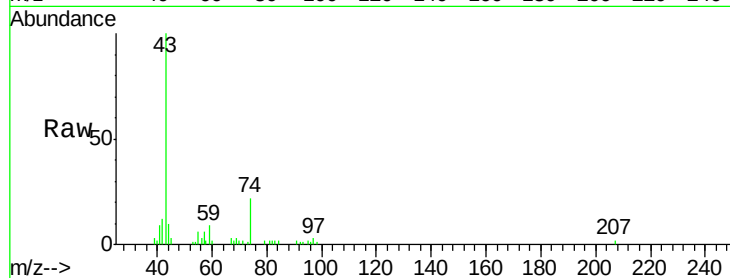




#18
Methvl Acetate
Concen: 3.885 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU024532.D
Acq: 14 Jun 2018 12:15

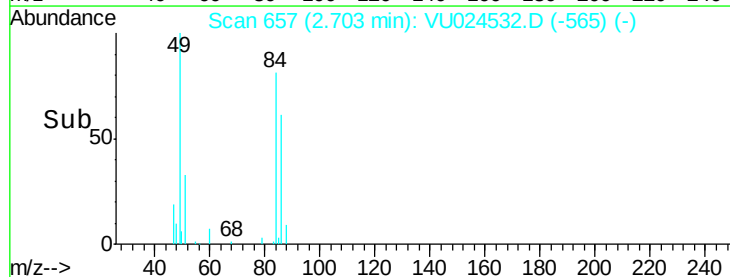
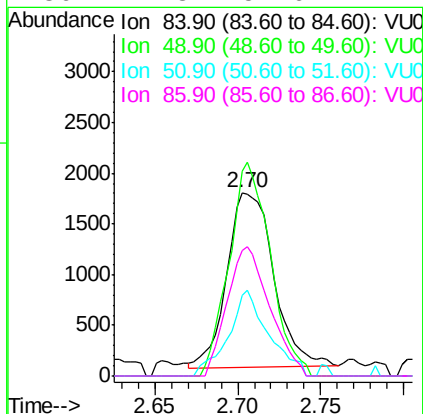
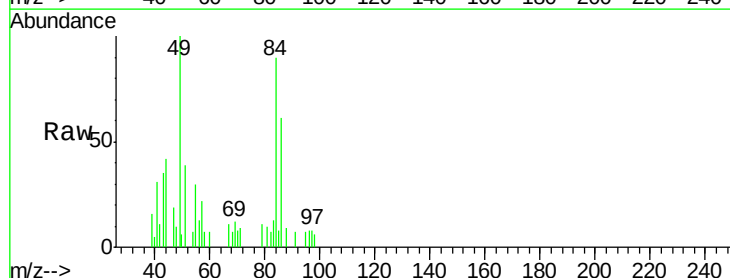
Instrument :
MSVOA_U
ClientSampleId :
MH-RO-341

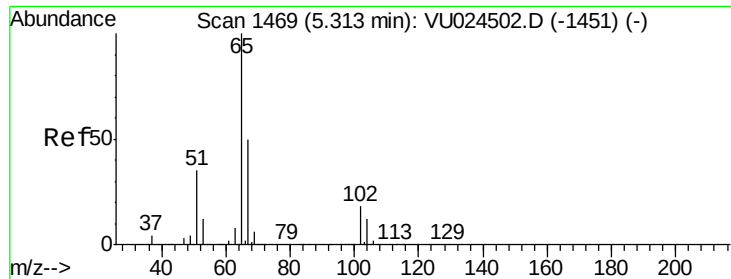
Tot Ion: 43 Resp: 14235
Ion Ratio Lower Upper
43 100
74 23.6 18.0 27.0



#20
Methylene Chloride
Concen: 1.267 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024532.D
Acq: 14 Jun 2018 12:15

Tgt Ion: 84 Resp: 3397
Ion Ratio Lower Upper
84 100
49 118.3 103.8 155.8
51 46.2 32.0 48.0
86 72.3 51.6 77.4

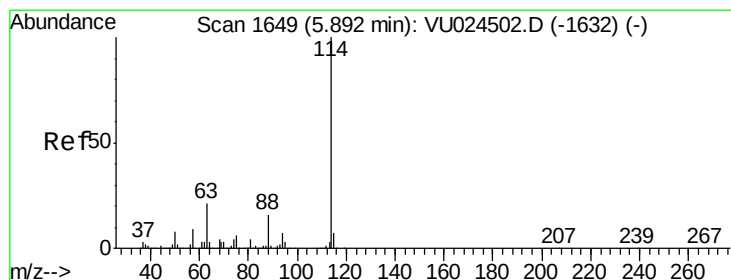
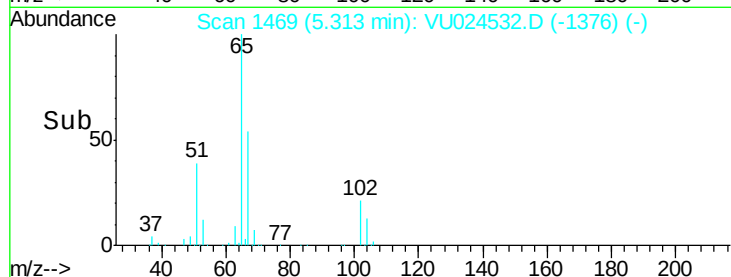
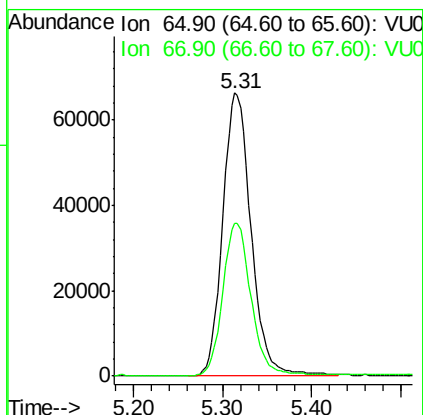
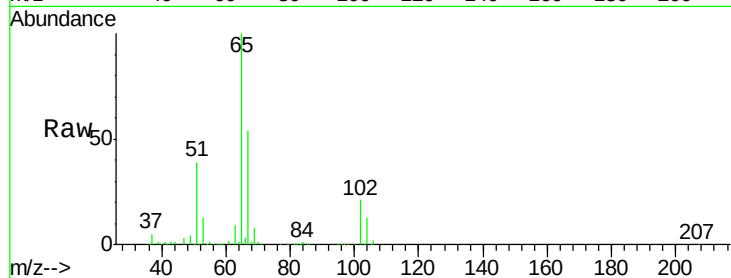




#33
 1,2-Dichloroethane-d4
 Concen: 46.049 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024532.D
 Acq: 14 Jun 2018 12:15

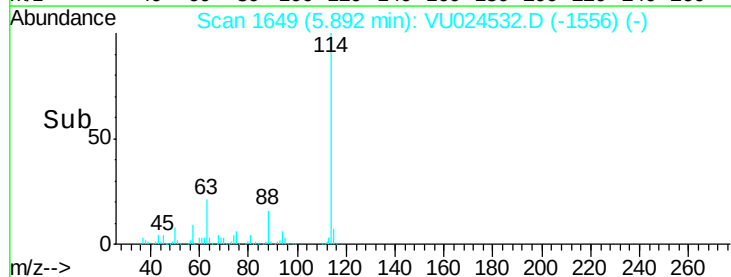
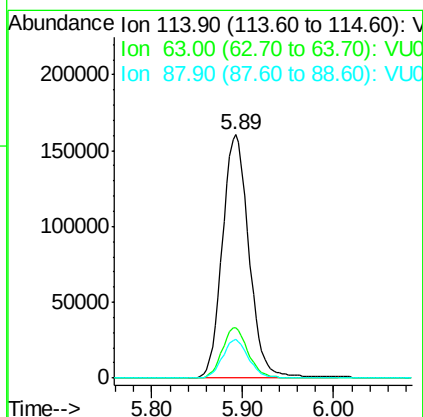
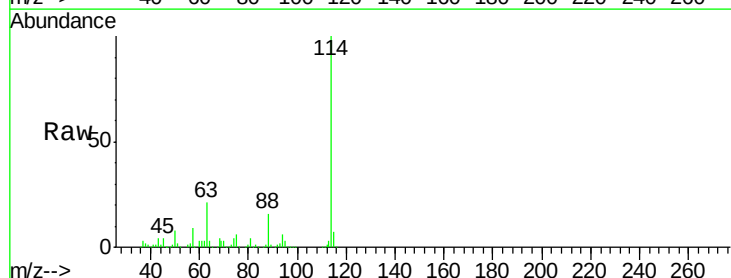
Instrument :
 MSVOA_U
 ClientSampleId :
 MH-RO-341

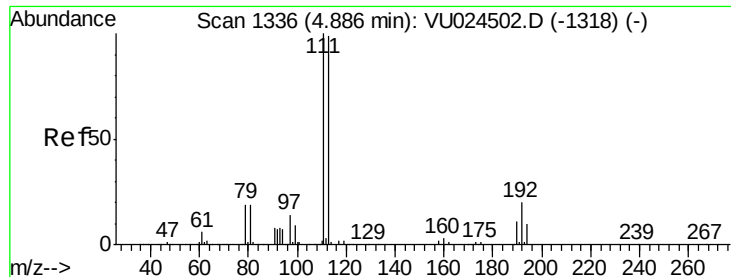
Tot Ion: 65 Resp: 146470
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024532.D
 Acq: 14 Jun 2018 12:15

Tgt Ion: 114 Resp: 327519
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.4
 88 15.8 0.0 31.0

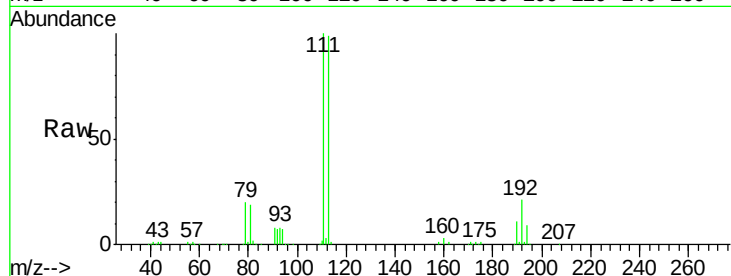




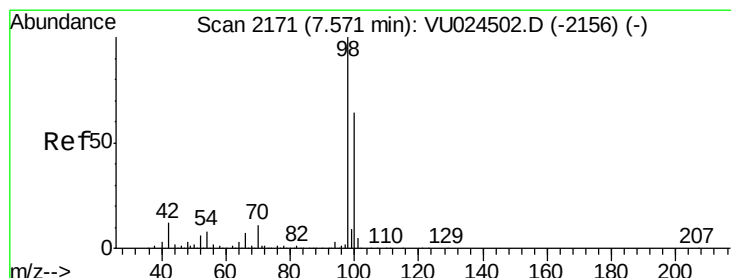
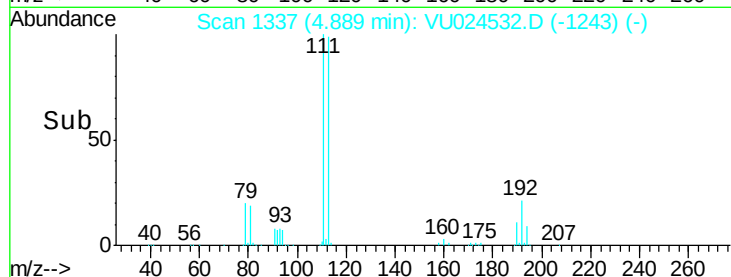
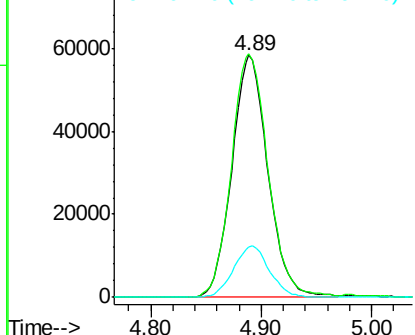
#35
Dibromofluoromethane
Concen: 48.422 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024532.D
Acq: 14 Jun 2018 12:15

Instrument :
MSVOA_U
ClientSampleId :
MH-RO-341

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	21.2	16.2	24.4

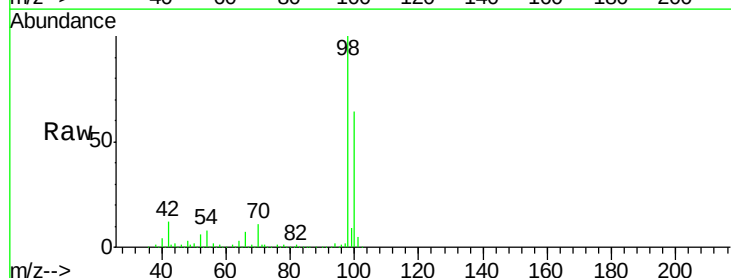


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

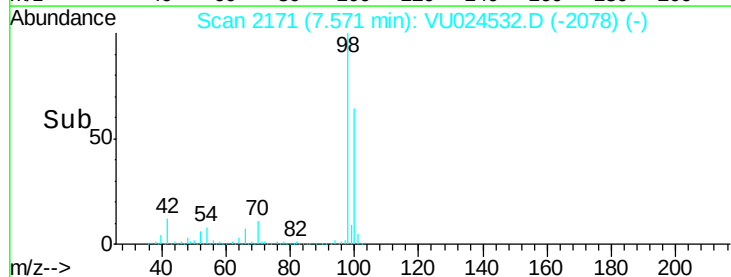
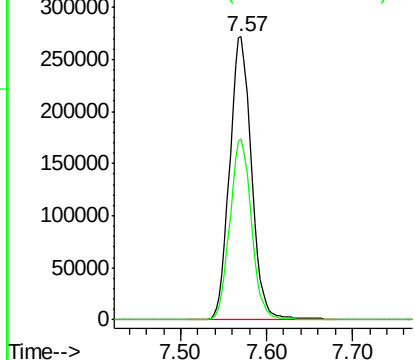


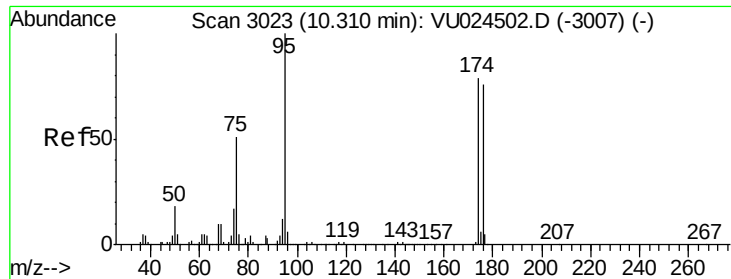
#50
Toluene-d8
Concen: 48.481 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024532.D
Acq: 14 Jun 2018 12:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.1	76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

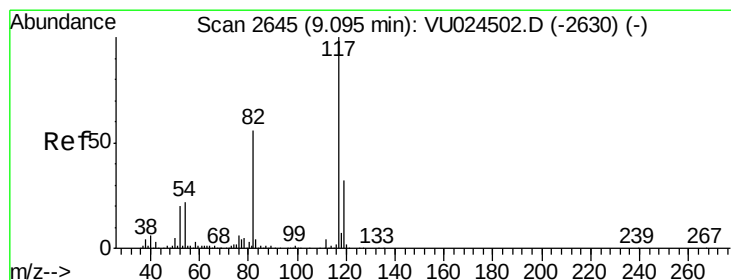
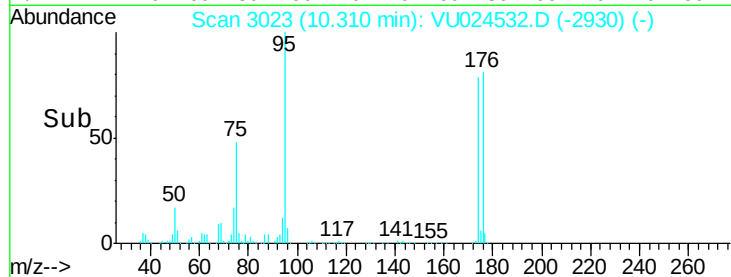
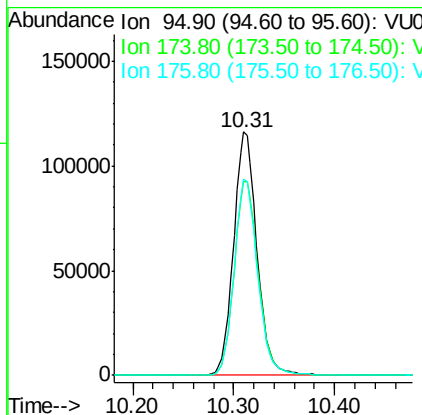
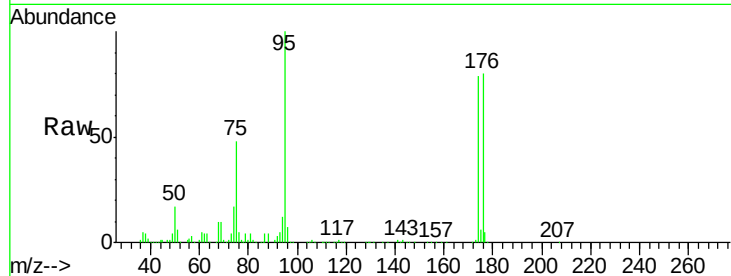




#62
4-Bromofluorobenzene
Concen: 47.671 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024532.D
Acq: 14 Jun 2018 12:15

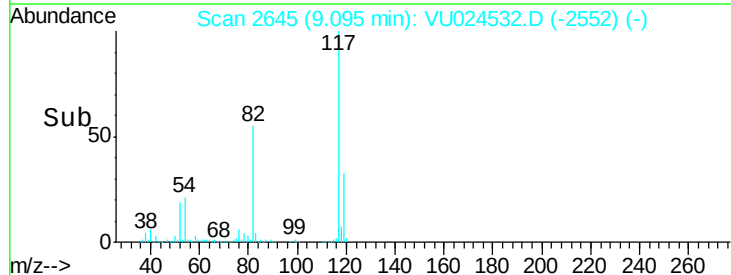
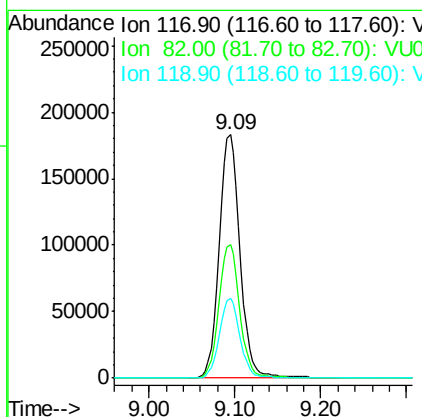
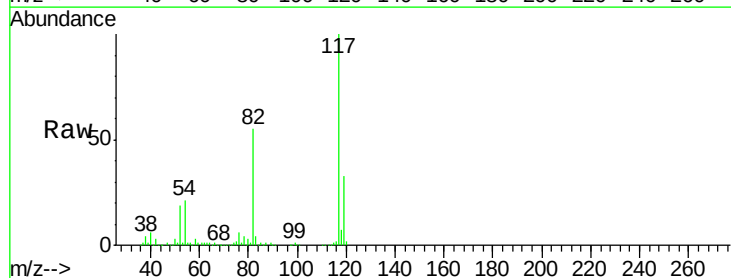
Instrument :
MSVOA_U
ClientSampleId :
MH-RO-341

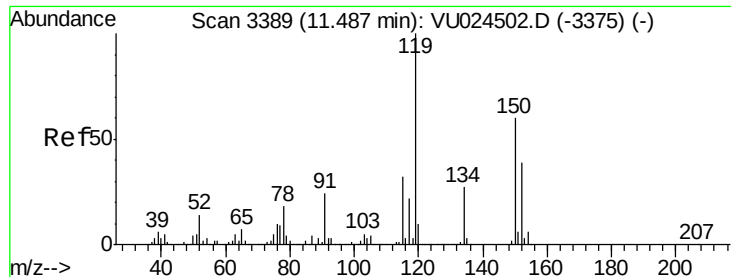
Tot Ion	95	Resp	187659
Ion Ratio	100		
174	81.9	0.0	165.8
176	80.8	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024532.D
Acq: 14 Jun 2018 12:15

Tgt Ion	117	Resp	308683
Ion Ratio	100		
82	54.8	44.3	66.5
119	32.7	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024532.D

Acq: 14 Jun 2018 12:15

Instrument :

MSVOA_U

ClientSampleId :

MH-RO-341

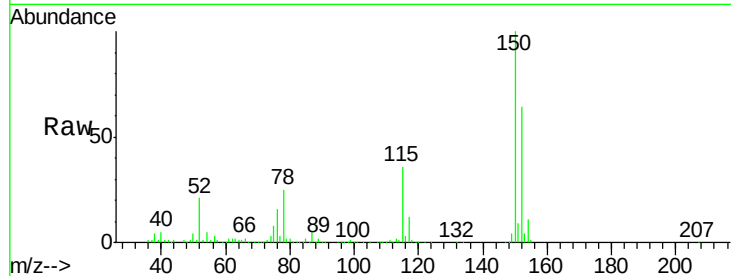
Tot Ion:152 Resp: 182110

Ion Ratio Lower Upper

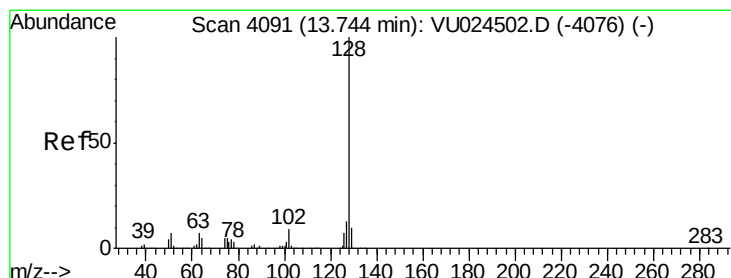
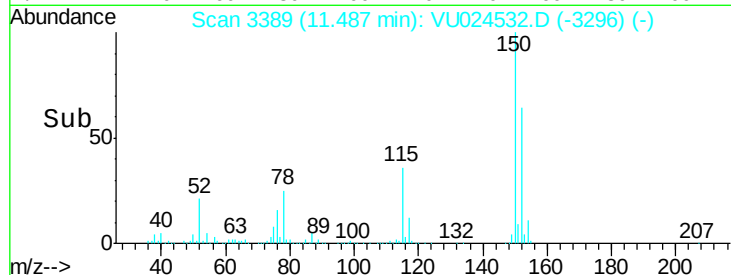
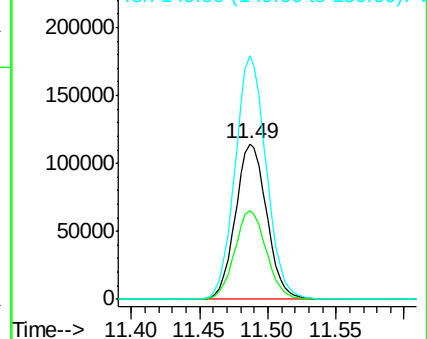
152 100

115 57.6 43.0 129.0

150 156.0 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



#95

Naphthalene

Concen: 21.516 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024532.D

Acq: 14 Jun 2018 12:15

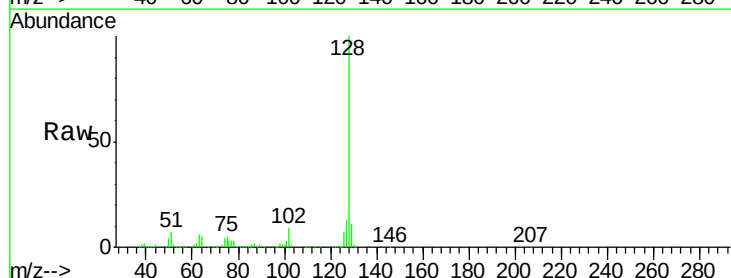
Tgt Ion:128 Resp: 282856

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 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

