

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027234.D
 Acq On : 27 Sep 2018 19:26
 Operator : MD/SY
 Sample : J5072-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-5

Quant Time: Sep 28 04:23:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

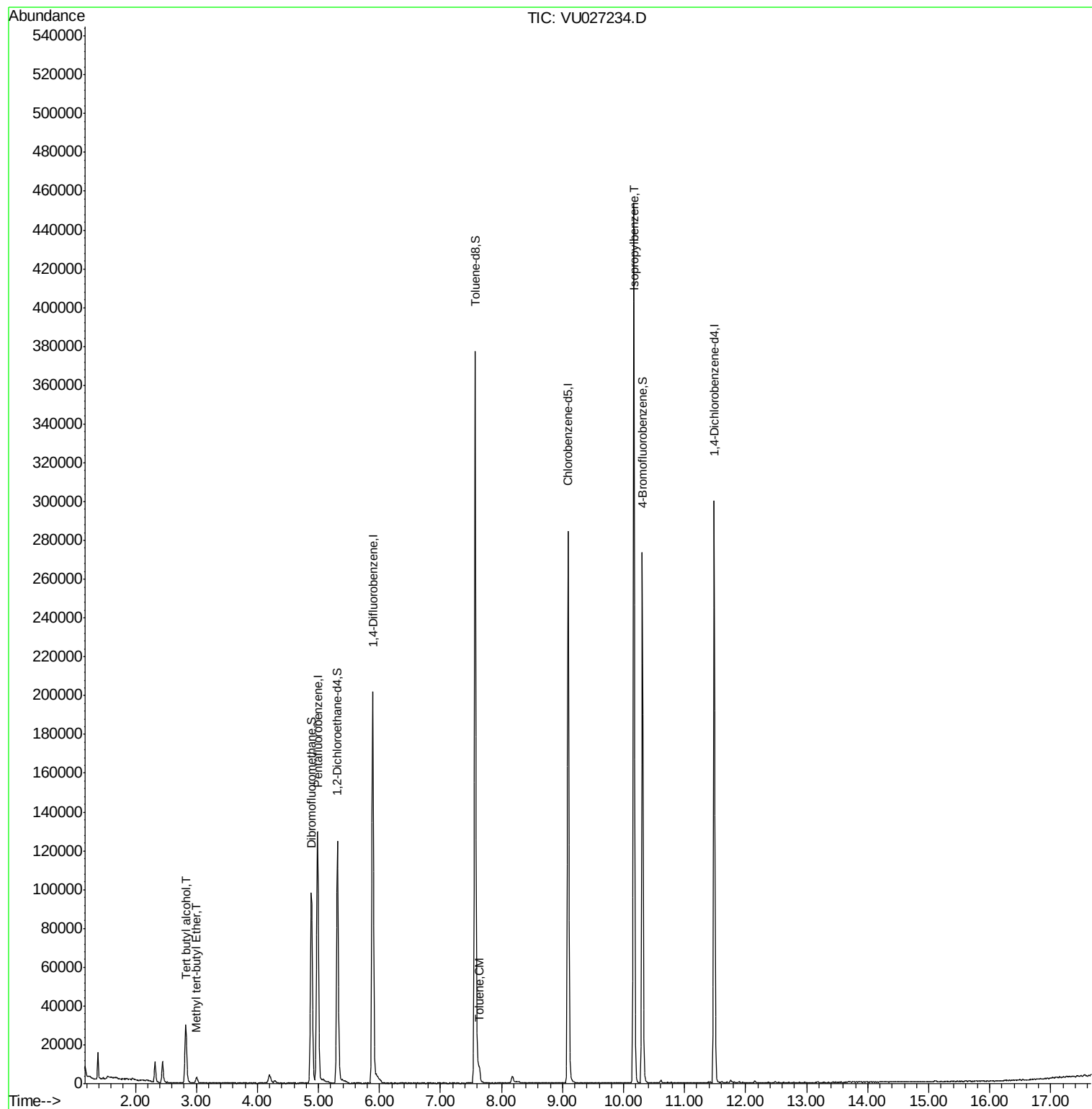
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	89158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156758	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	149001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97649	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
35) Dibromofluoromethane	4.88	113	67173	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	7.57	98	248072	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	10.31	95	89902	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.83	59	32342	78.633	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	2683	0.593	ug/l	98
52) Toluene	7.64	92	1857	0.509	ug/l	92
73) Isopropylbenzene	10.17	105	269237	49.541	ug/l	100

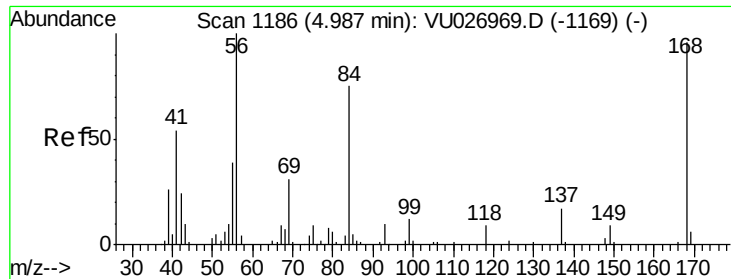
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092818\
Data File : VU027234.D
Acq On : 27 Sep 2018 19:26
Operator : MD/SY
Sample : J5072-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MH-5

Quant Time: Sep 28 04:23:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027234.D

Acq: 27 Sep 2018 19:26

Instrument :

MSVOA_U

ClientSampleId :

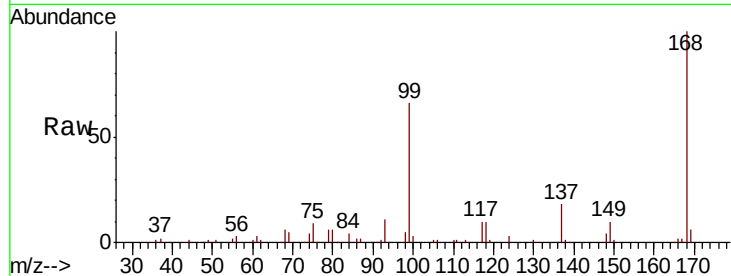
MH-5

Tot Ion:168 Resp: 89158

Ion Ratio Lower Upper

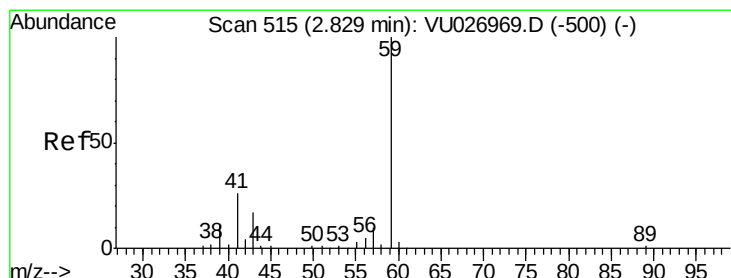
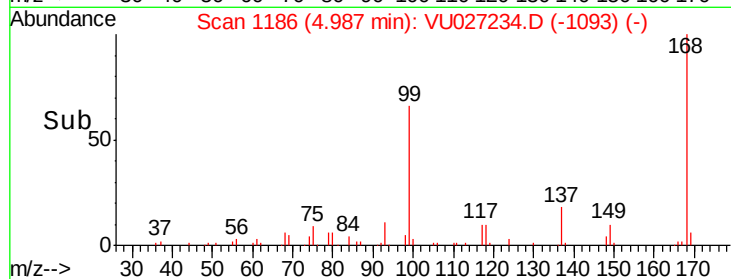
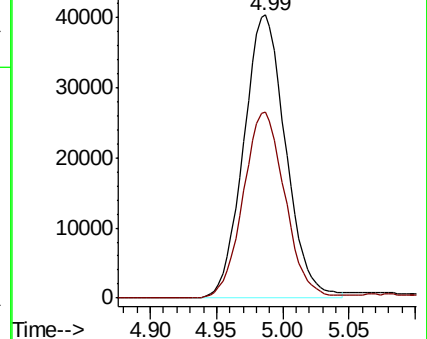
168 100

99 65.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)



#11

Tert butyl alcohol

Concen: 78.633 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.00 min

Lab File: VU027234.D

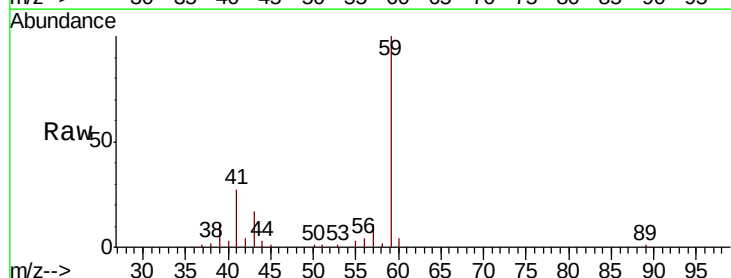
Acq: 27 Sep 2018 19:26

Tgt Ion: 59 Resp: 32342

Ion Ratio Lower Upper

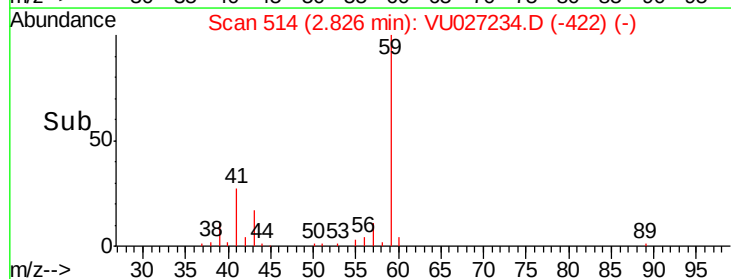
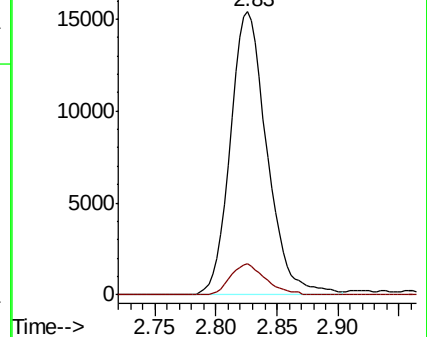
59 100

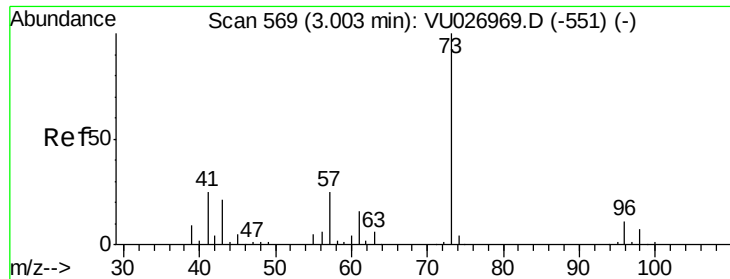
57 10.6 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

Ion 57.00 (56.70 to 57.70): VU026969.D (-500) (-)

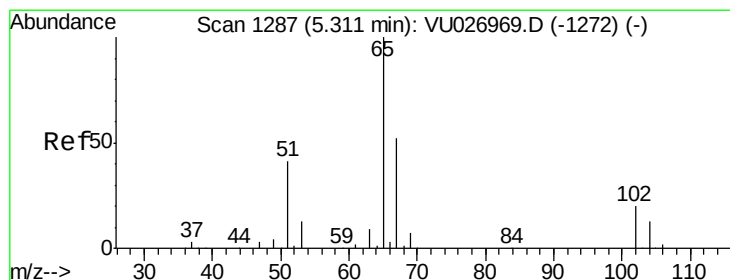
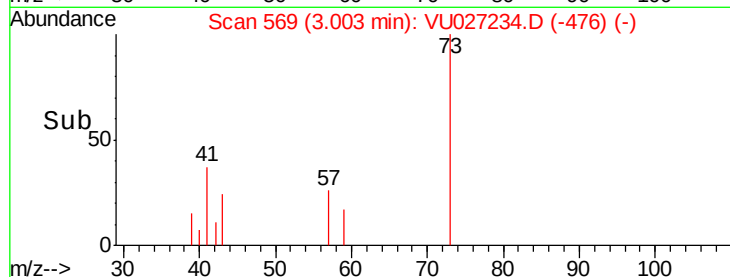
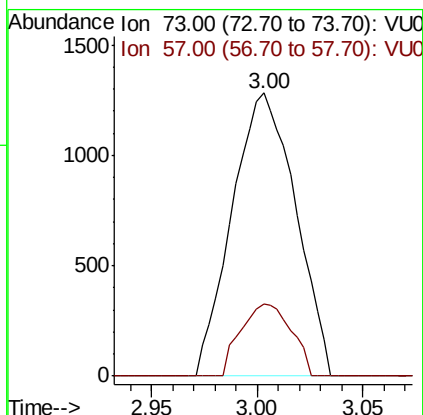
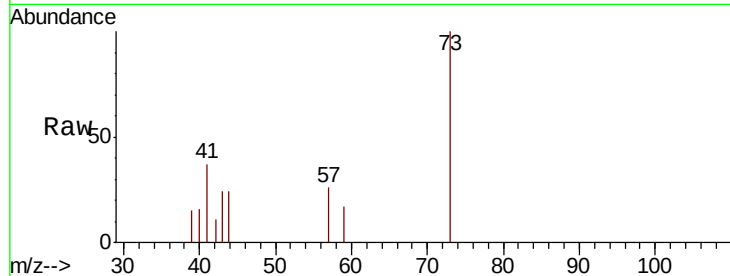




#19
Methyl tert-butyl Ether
Concen: 0.593 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027234.D
Acq: 27 Sep 2018 19:26

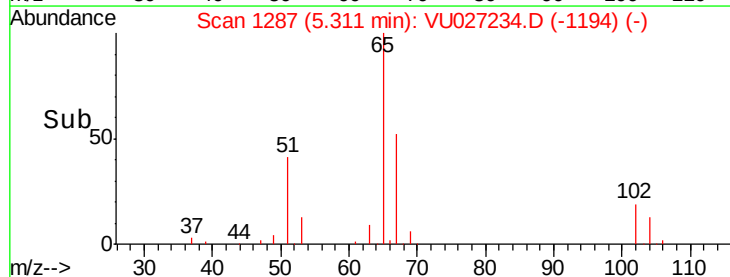
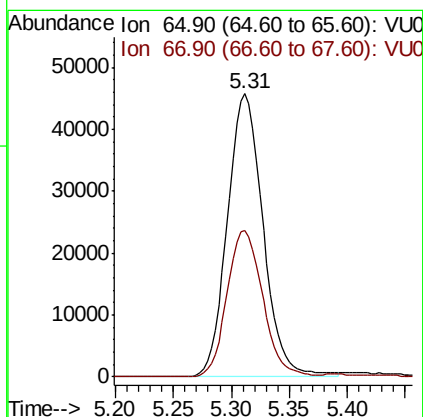
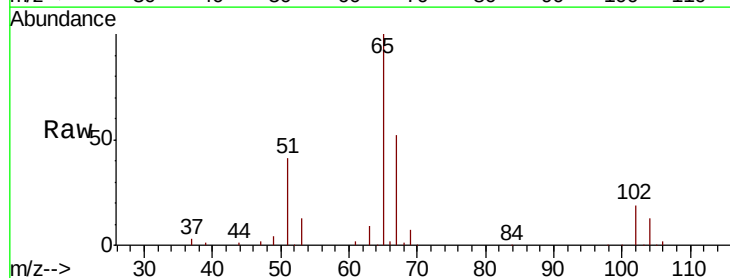
Instrument :
MSVOA_U
ClientSampleId :
MH-5

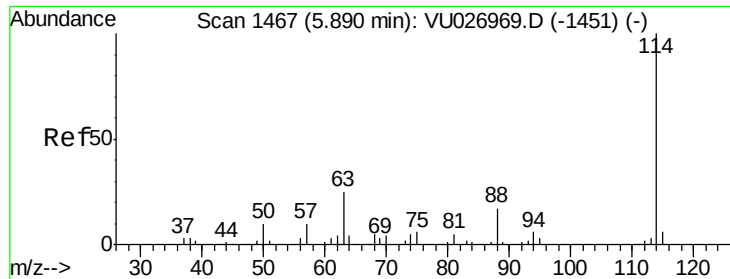
Tot Ion: 73 Resp: 2683
Ion Ratio Lower Upper
73 100
57 25.6 19.8 29.6



#33
1,2-Dichloroethane-d4
Concen: 54.417 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027234.D
Acq: 27 Sep 2018 19:26

Tgt Ion: 65 Resp: 97649
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027234.D

Acq: 27 Sep 2018 19:26

Instrument :

MSVOA_U

ClientSampled :

MH-5

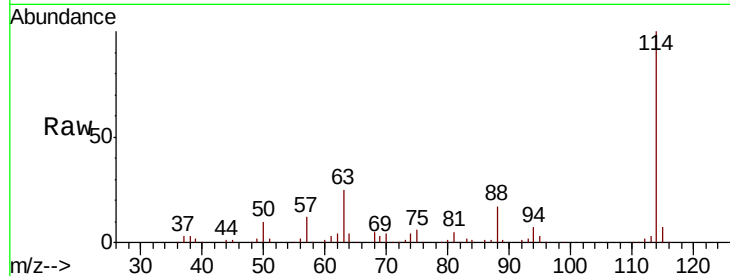
Tot Ion:114 Resp: 156758

Ion Ratio Lower Upper

114 100

63 25.1 0.0 49.2

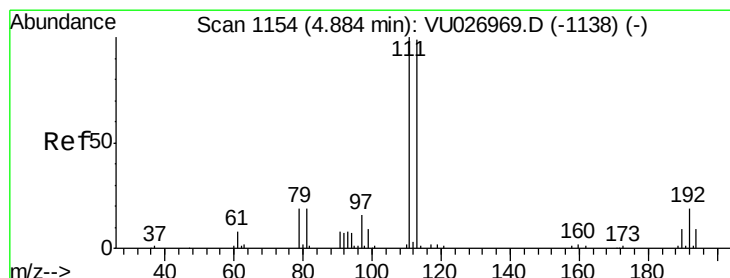
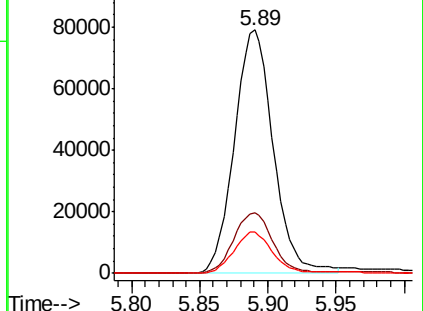
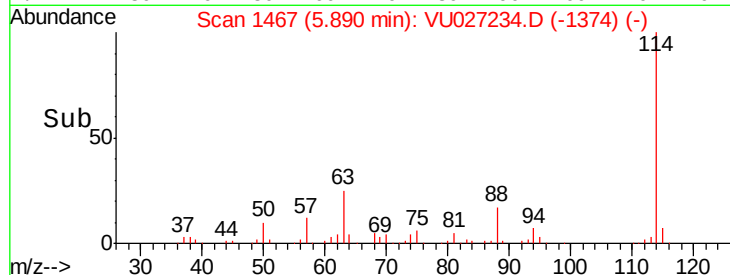
88 16.8 0.0 33.8



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: 49.436 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027234.D

Acq: 27 Sep 2018 19:26

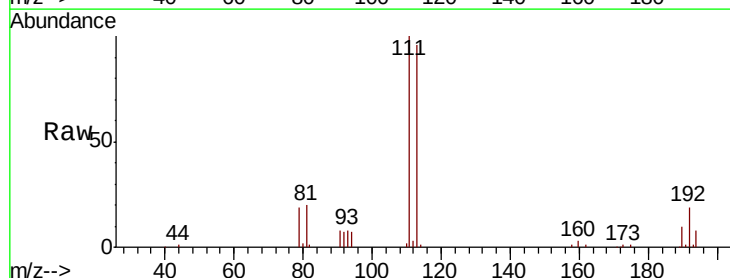
Tgt Ion:113 Resp: 67173

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

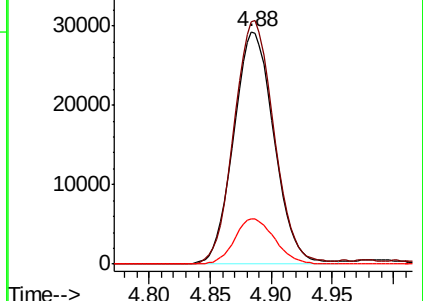
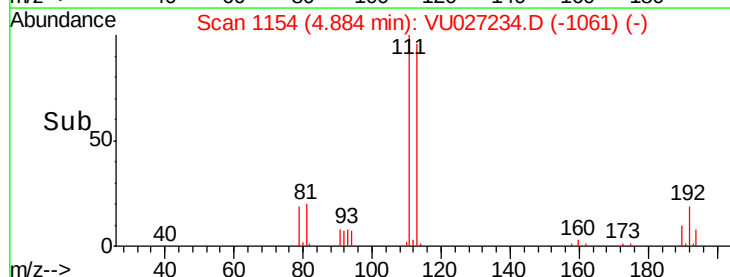
192 19.1 15.2 22.8

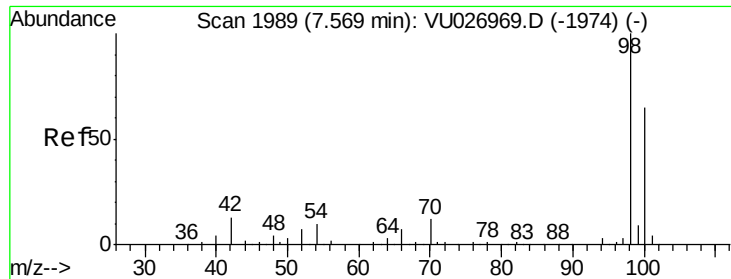


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

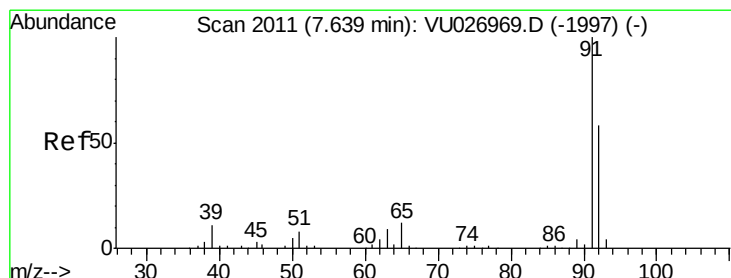
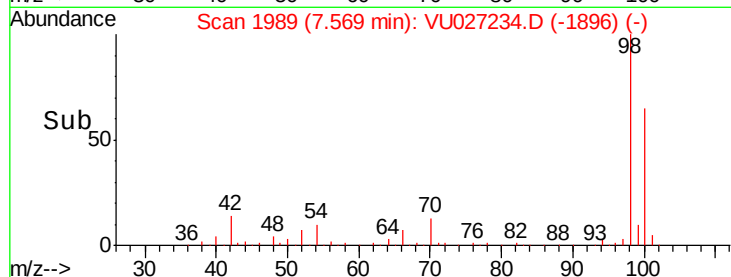
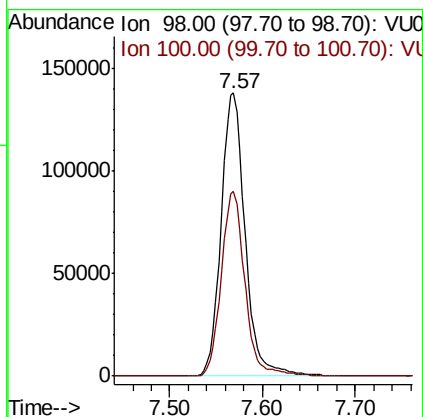
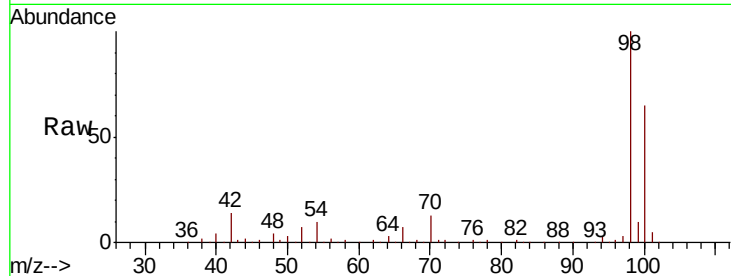




#50
Toluene-d8
Concen: 47.905 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027234.D
Acq: 27 Sep 2018 19:26

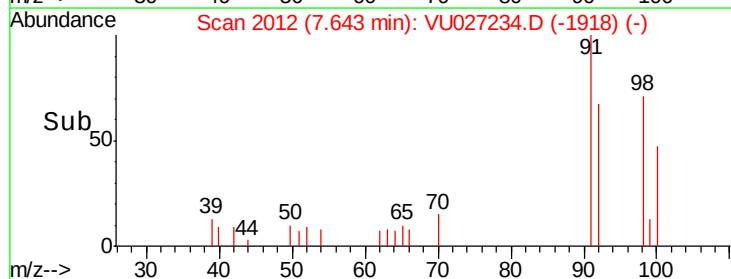
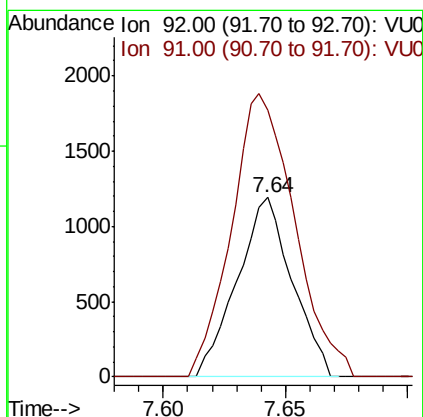
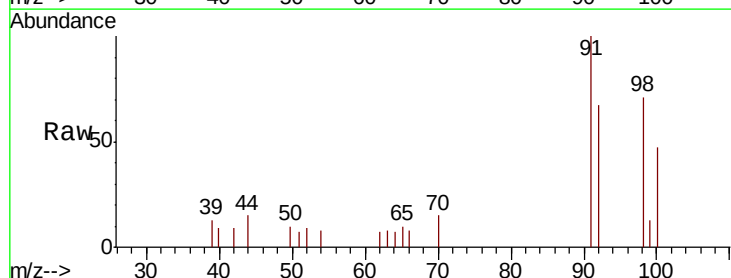
Instrument :
MSVOA_U
ClientSampled :
MH-5

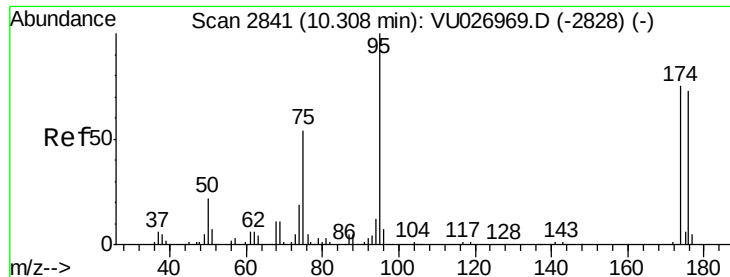
Tot Ion: 98 Resp: 248072
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#52
Toluene
Concen: 0.509 ug/l
RT: 7.64 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU027234.D
Acq: 27 Sep 2018 19:26

Tgt Ion: 92 Resp: 1857
Ion Ratio Lower Upper
92 100
91 181.7 136.4 204.6

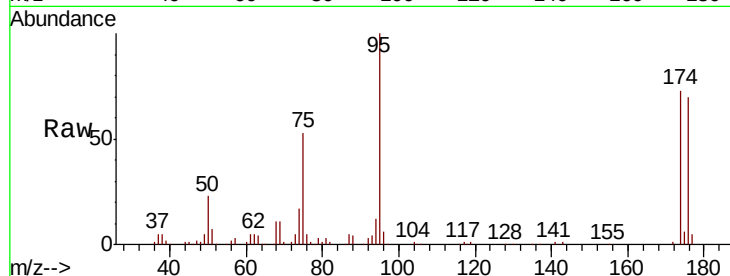




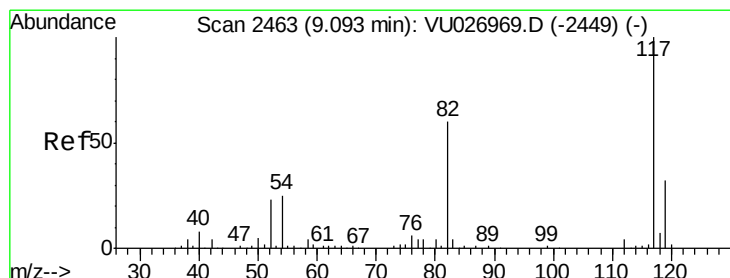
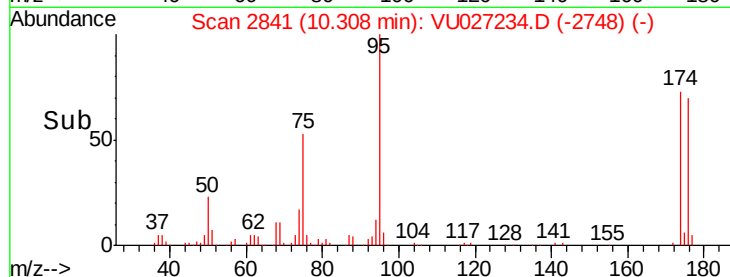
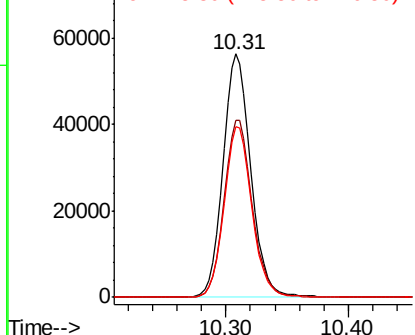
#62
4-Bromofluorobenzene
Concen: 50.596 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027234.D
Acq: 27 Sep 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
MH-5

Tot Ion: 95 Resp: 89902
Ion Ratio Lower Upper
95 100
174 73.7 0.0 150.2
176 70.1 0.0 145.2

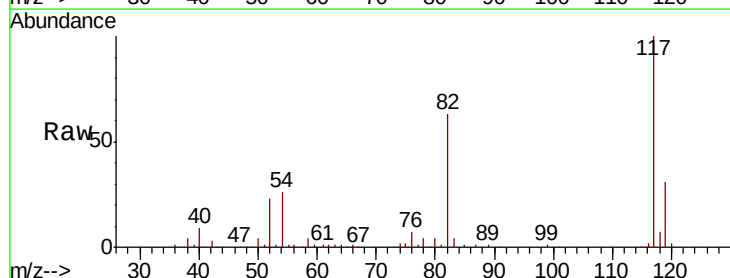


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

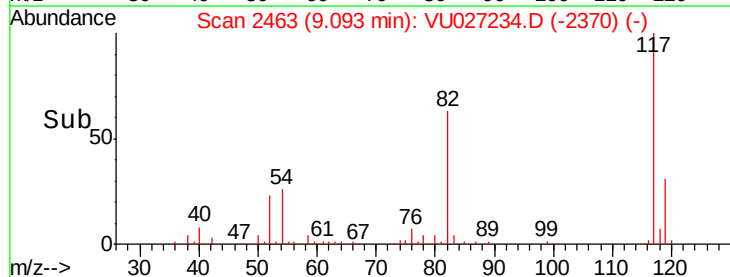
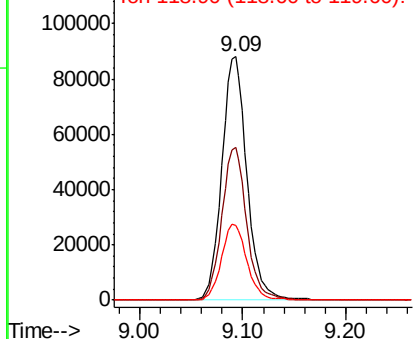


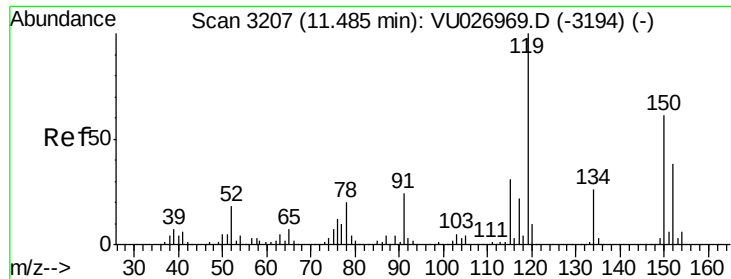
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027234.D
Acq: 27 Sep 2018 19:26

Tgt Ion: 117 Resp: 149001
Ion Ratio Lower Upper
117 100
82 62.6 48.0 72.0
119 30.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)
Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)
Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)

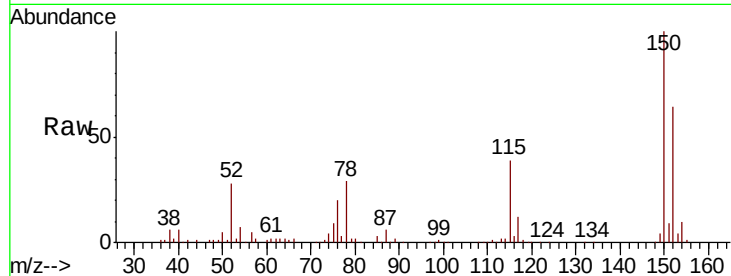




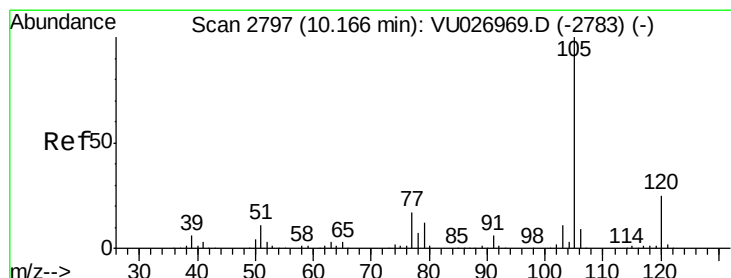
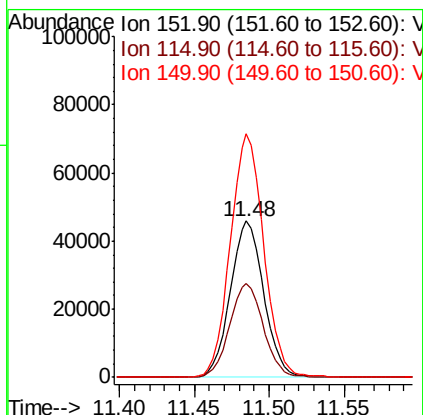
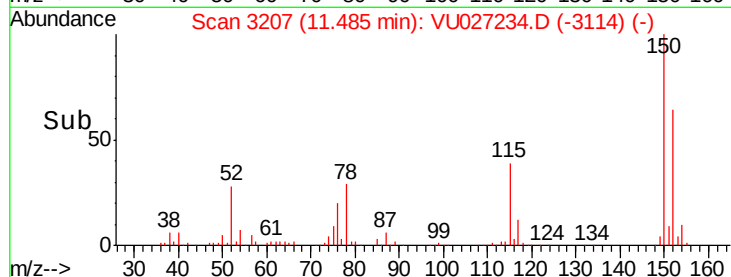
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027234.D
 Acq: 27 Sep 2018 19:26

Instrument :
 MSVOA_U
 ClientSampled :
 MH-5

Tot Ion:152 Resp: 71443
 Ion Ratio Lower Upper
 152 100
 115 60.6 44.9 134.5
 150 155.3 0.0 355.8

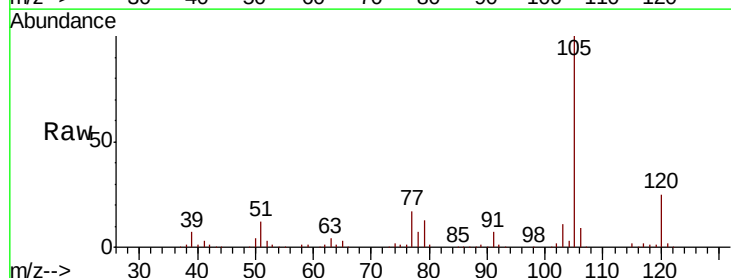


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#73
 Isopropylbenzene
 Concen: 49.541 ug/l
 RT: 10.17 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: VU027234.D
 Acq: 27 Sep 2018 19:26

Tgt Ion:105 Resp: 269237
 Ion Ratio Lower Upper
 105 100
 120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

