

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110618\
 Data File : VU027981.D
 Acq On : 06 Nov 2018 12:54
 Operator : MD/SY
 Sample : J5822-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-6

Quant Time: Nov 06 17:23:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

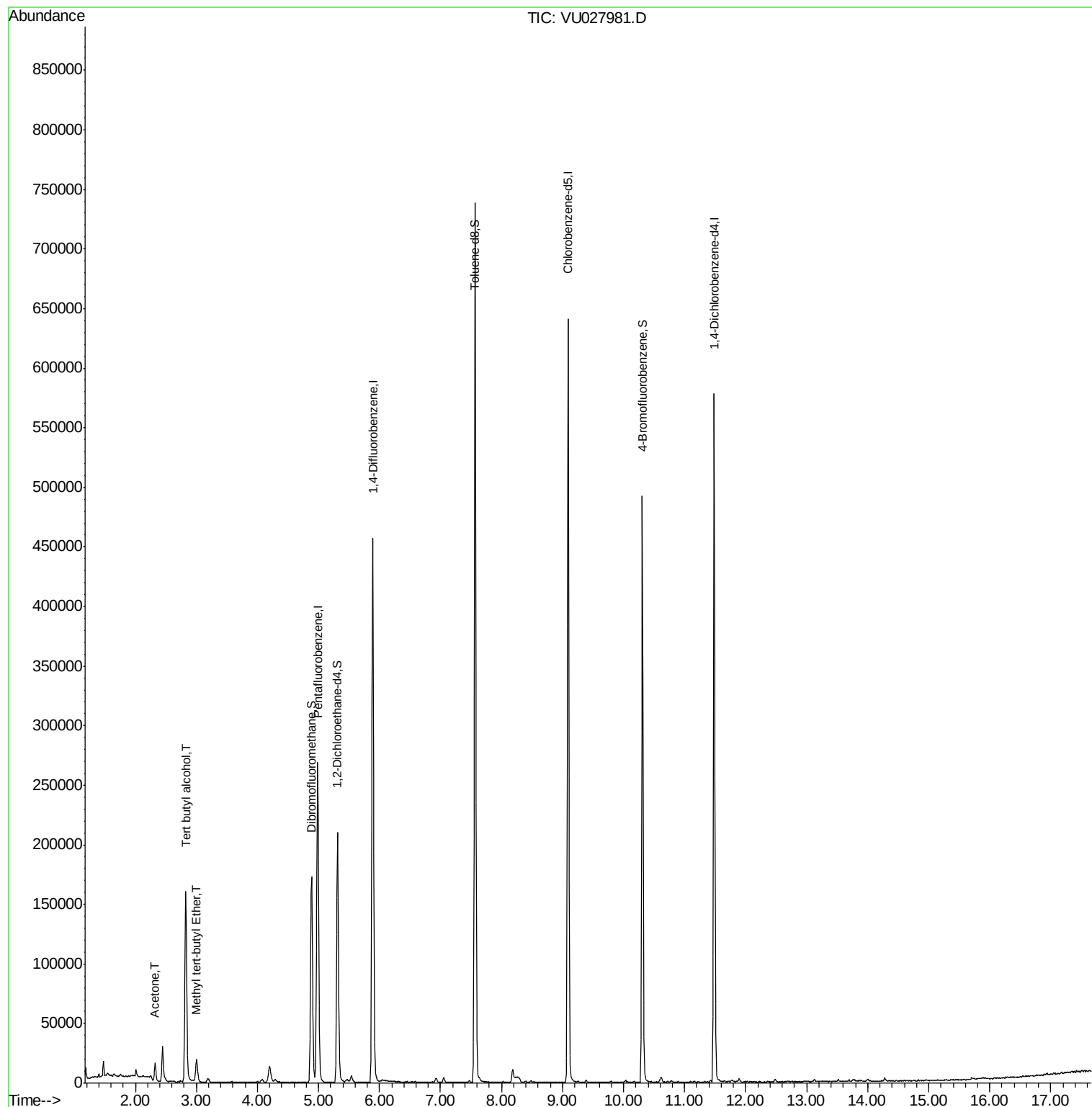
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	202693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	374265	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	335349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	141786	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	164059	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.88%	
35) Dibromofluoromethane	4.89	113	120340	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
50) Toluene-d8	7.57	98	478516	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	10.31	95	161888	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
Target Compounds						
11) Tert butyl alcohol	2.83	59	190635	238.955	ug/l	Qvalue 100
16) Acetone	2.32	43	15998	8.556	ug/l	94
19) Methyl tert-butyl Ether	3.00	73	20053	2.341	ug/l	97

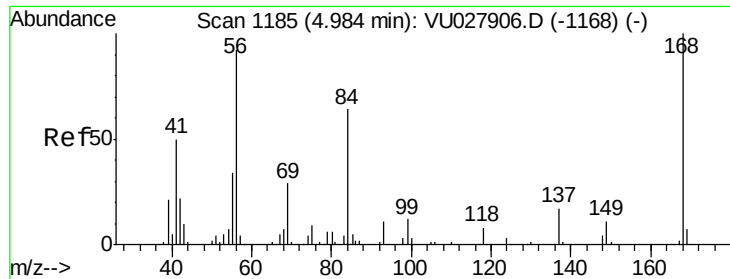
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027981.D

Acq: 06 Nov 2018 12:54

Instrument :

MSVOA_U

ClientSampleId :

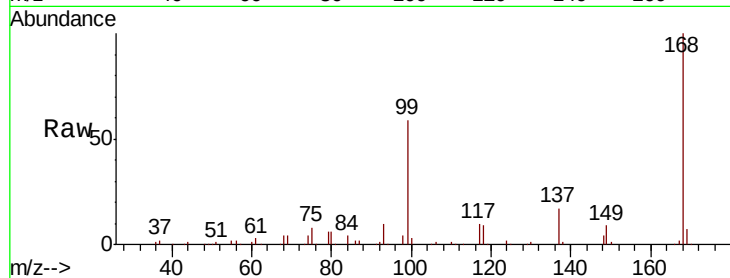
MW-6

Tot Ion:168 Resp: 202693

Ion Ratio Lower Upper

168 100

99 58.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027981.D (-1092) (-)

4.99

100000

80000

60000

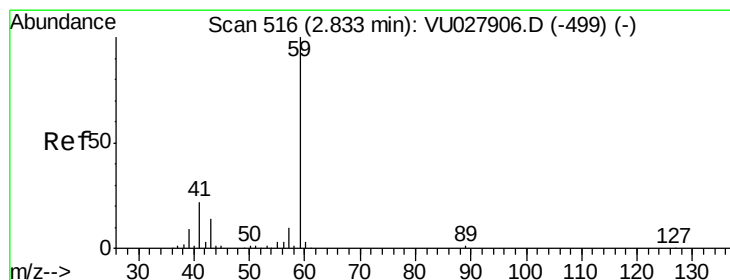
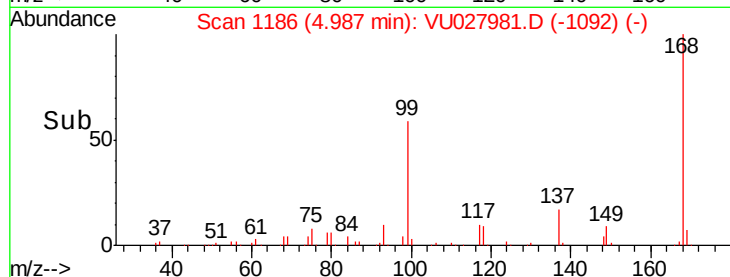
40000

20000

0

Time-->

4.90 5.00 5.10



#11

Tert butyl alcohol

Concen: 238.955 ug/l

RT: 2.83 min Scan# 514

Delta R.T. -0.01 min

Lab File: VU027981.D

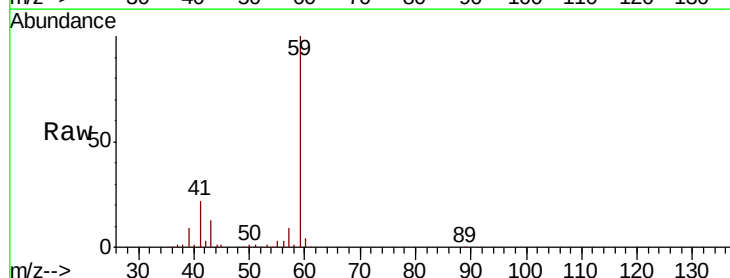
Acq: 06 Nov 2018 12:54

Tgt Ion: 59 Resp: 190635

Ion Ratio Lower Upper

59 100

57 9.7 7.8 11.8



Abundance Ion 59.00 (58.70 to 59.70): VU027906.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027981.D (-423) (-)

2.83

100000

80000

60000

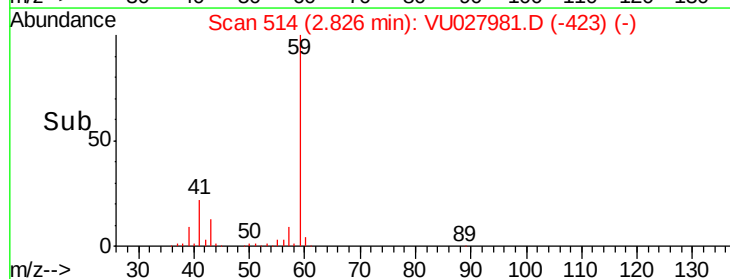
40000

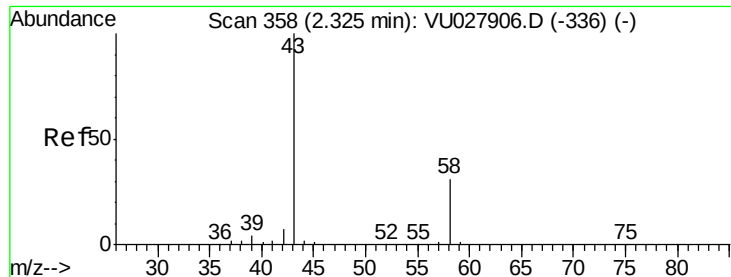
20000

0

Time-->

2.75 2.80 2.85 2.90





#16

Acetone

Concen: 8.556 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027981.D

Acq: 06 Nov 2018 12:54

Instrument :

MSVOA_U

ClientSampleId :

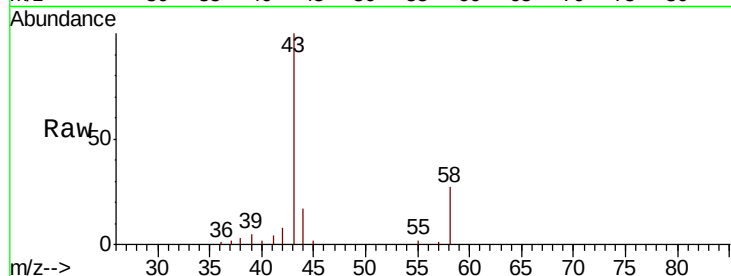
MW-6

Tot Ion: 43 Resp: 15998

Ion Ratio Lower Upper

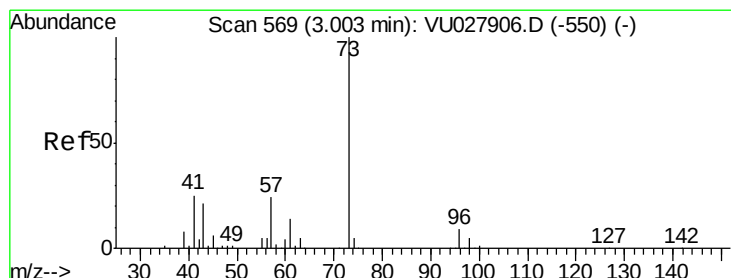
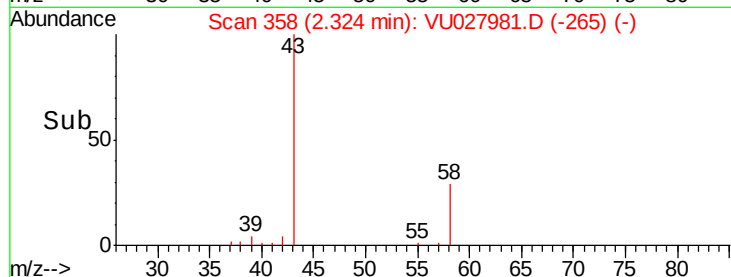
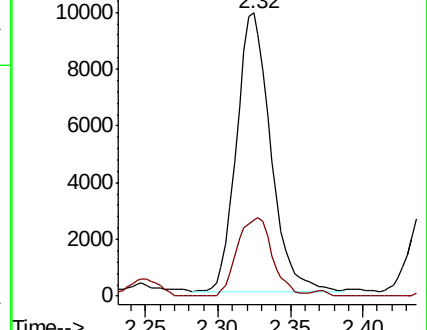
43 100

58 27.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-336) (-)



#19

Methyl tert-butyl Ether

Concen: 2.341 ug/l

RT: 3.00 min Scan# 569

Delta R.T. -0.00 min

Lab File: VU027981.D

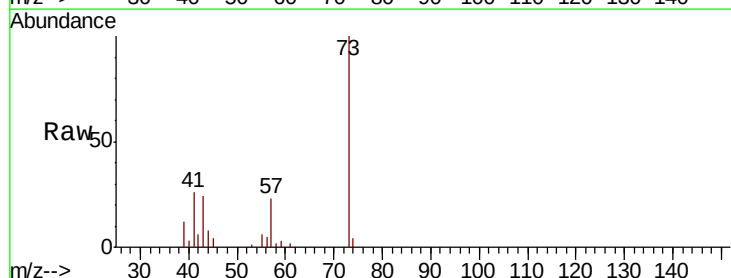
Acq: 06 Nov 2018 12:54

Tgt Ion: 73 Resp: 20053

Ion Ratio Lower Upper

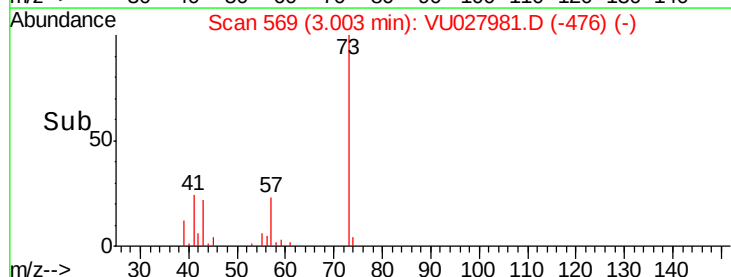
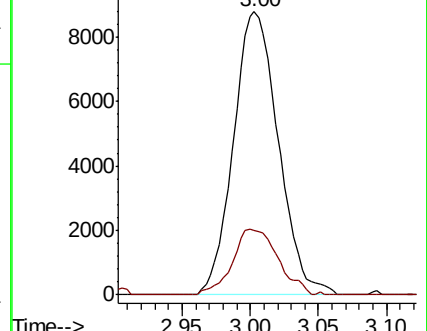
73 100

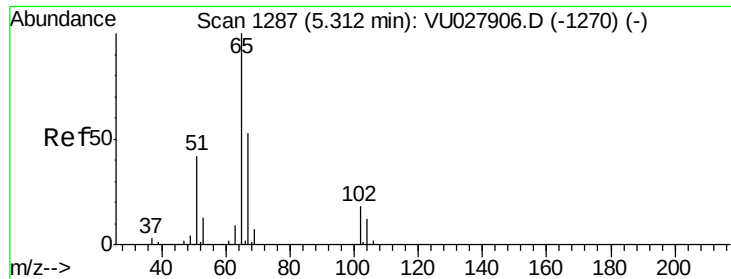
57 22.7 19.3 28.9



Abundance Ion 73.00 (72.70 to 73.70): VU027906.D (-550) (-)

Ion 57.00 (56.70 to 57.70): VU027906.D (-550) (-)

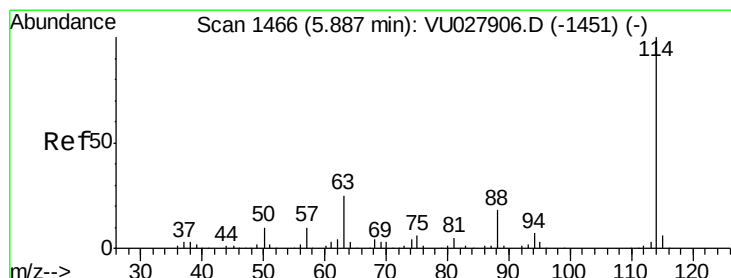
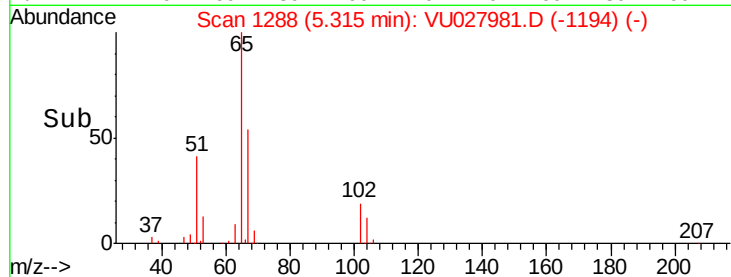
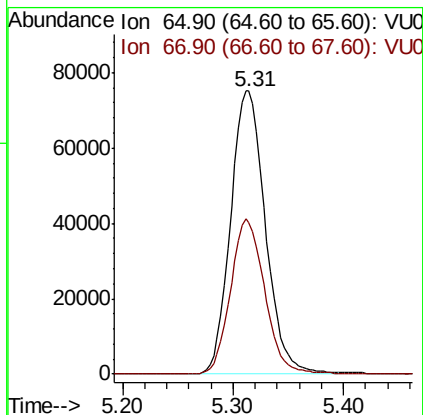
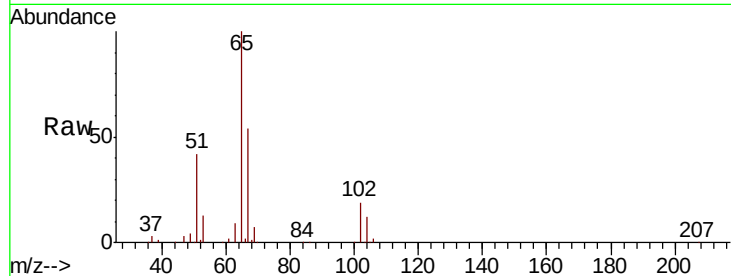




#33
 1,2-Dichloroethane-d4
 Concen: 54.441 ug/l
 RT: 5.31 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VU027981.D
 Acq: 06 Nov 2018 12:54

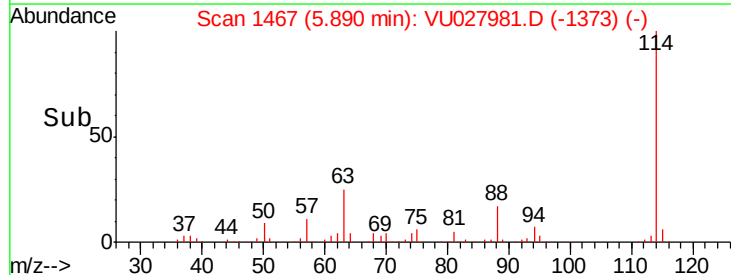
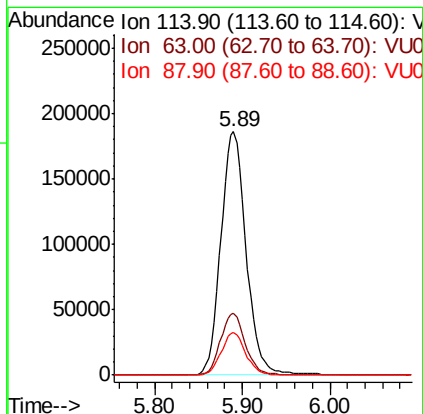
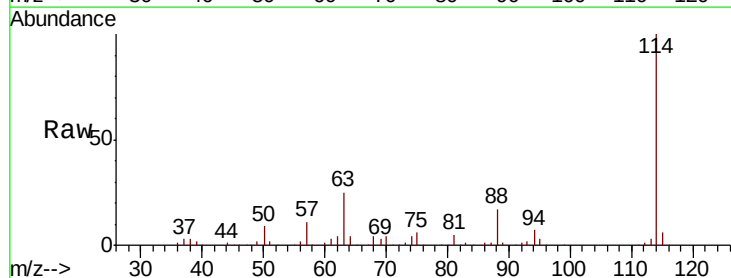
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-6

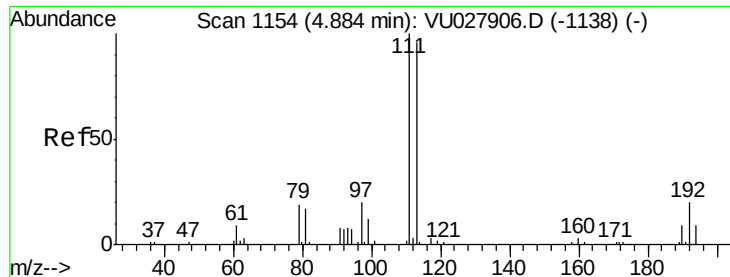
Tot Ion: 65 Resp: 164059
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027981.D
 Acq: 06 Nov 2018 12:54

Tgt Ion: 114 Resp: 374265
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 50.8
 88 17.3 0.0 35.8

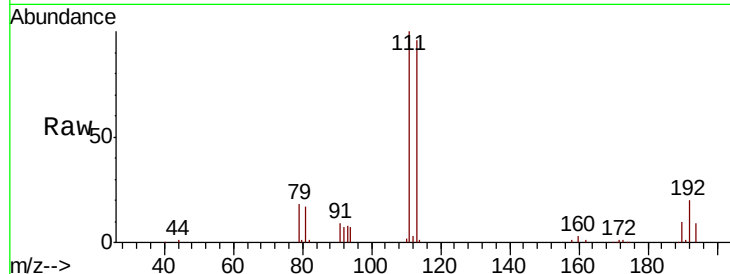




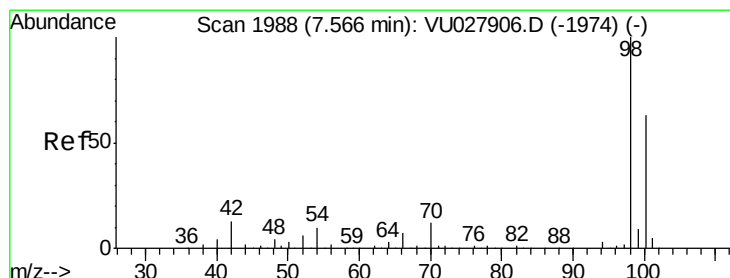
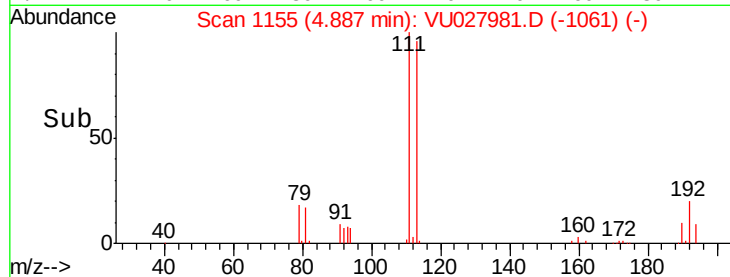
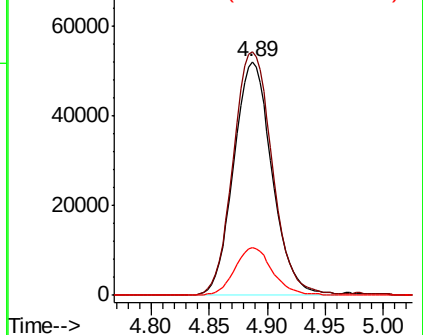
#35
 Dibromofluoromethane
 Concen: 50.996 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027981.D
 Acq: 06 Nov 2018 12:54

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-6

Tot Ion:113 Resp: 120340
 Ion Ratio Lower Upper
 113 100
 111 106.0 83.0 124.6
 192 20.0 15.6 23.4

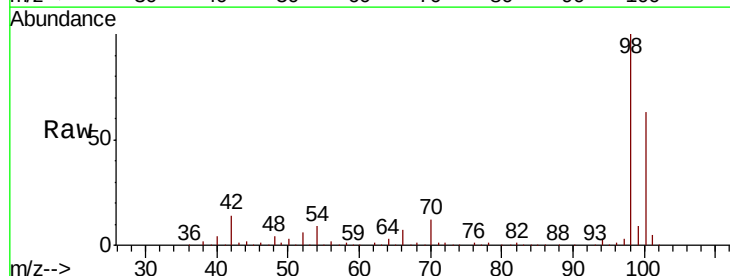


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

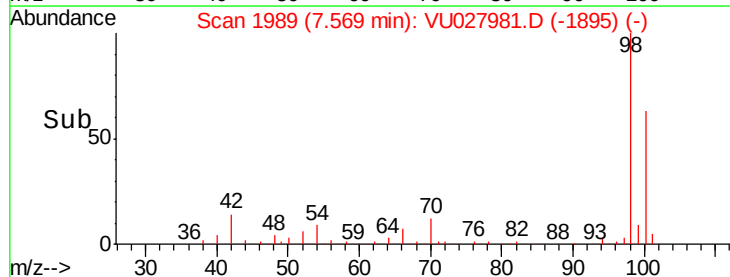
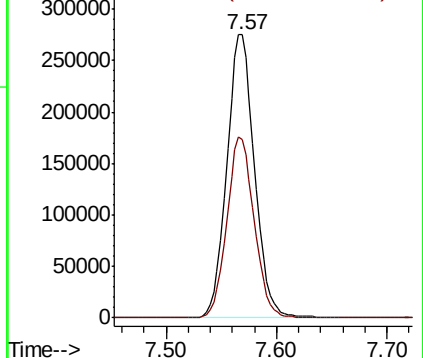


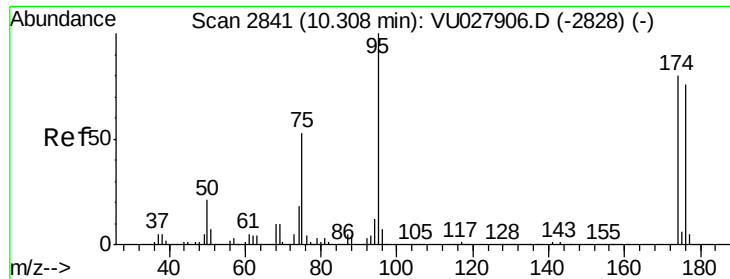
#50
 Toluene-d8
 Concen: 52.494 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VU027981.D
 Acq: 06 Nov 2018 12:54

Tgt Ion: 98 Resp: 478516
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.1 75.1



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

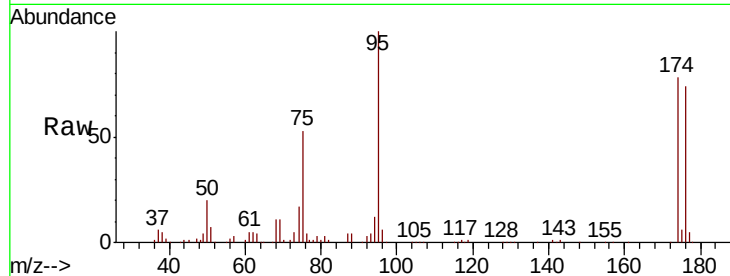




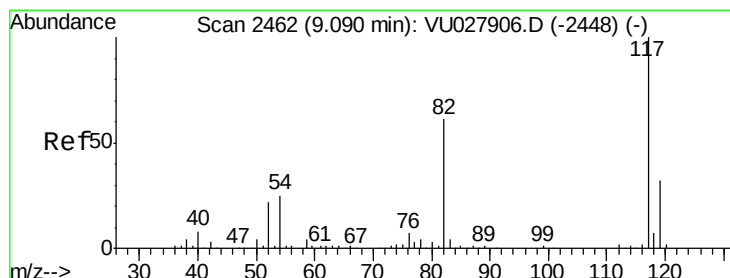
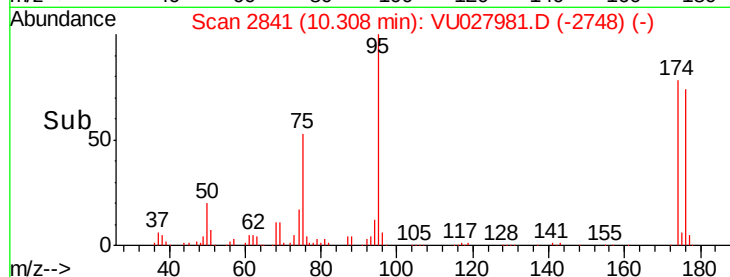
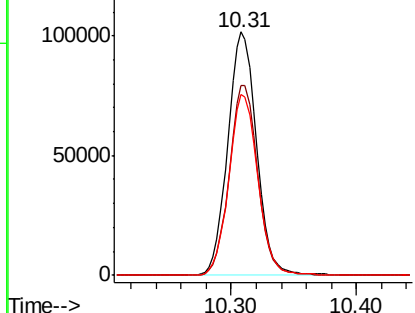
#62
4-Bromofluorobenzene
Concen: 48.148 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027981.D
Acq: 06 Nov 2018 12:54

Instrument :
MSVOA_U
ClientSampleId :
MW-6

Tot Ion: 95 Resp: 161888
Ion Ratio Lower Upper
95 100
174 77.4 0.0 156.4
176 74.7 0.0 150.8

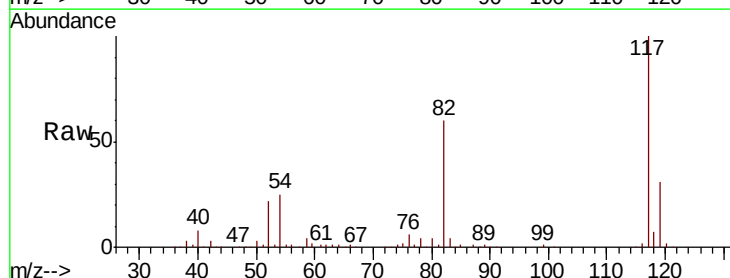


Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

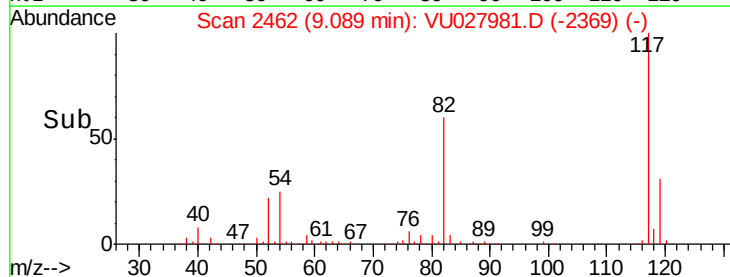
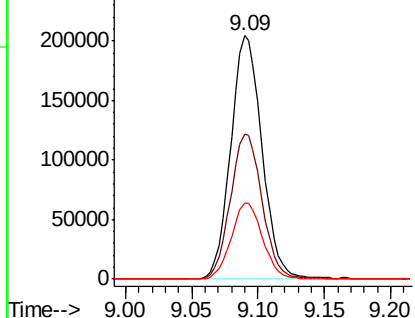


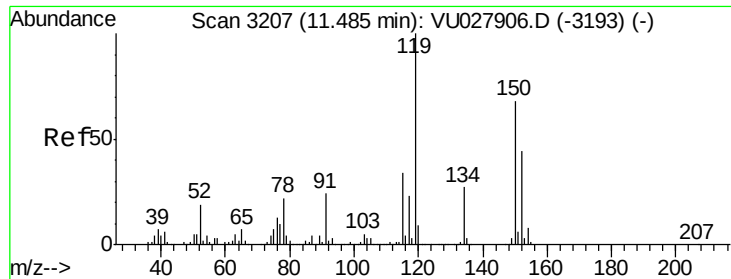
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027981.D
Acq: 06 Nov 2018 12:54

Tgt Ion: 117 Resp: 335349
Ion Ratio Lower Upper
117 100
82 59.8 48.6 73.0
119 31.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)
Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027981.D

Acq: 06 Nov 2018 12:54

Instrument :

MSVOA_U

ClientSampleId :

MW-6

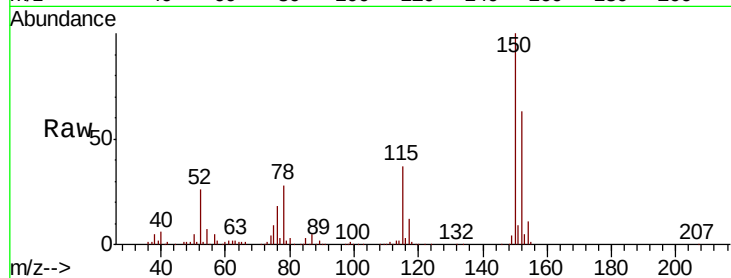
Tot Ion:152 Resp: 141786

Ion Ratio Lower Upper

152 100

115 60.0 43.0 129.0

150 158.1 0.0 349.4



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

