

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
 Data File : VU027605.D
 Acq On : 11 Oct 2018 17:40
 Operator : MD/SY
 Sample : J5366-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RBR200035

Quant Time: Oct 12 03:02:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 10:41:56 2018
 Response via : Initial Calibration

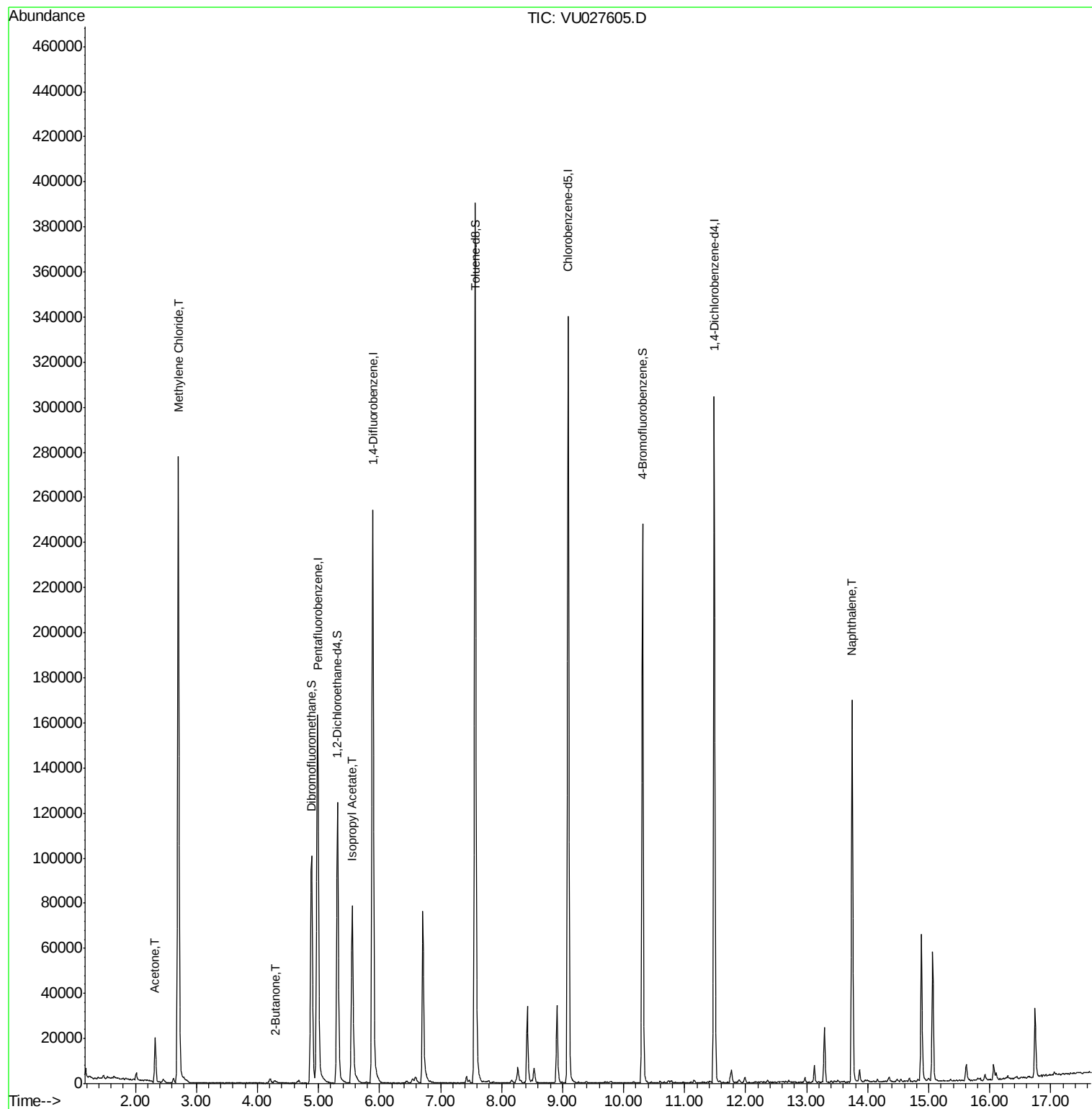
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	120924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	208179	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	179769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	98317	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
35) Dibromofluoromethane	4.89	113	71457	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
50) Toluene-d8	7.57	98	262109	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	10.31	95	83172	43.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.94%	
Target Compounds						
16) Acetone	2.32	43	20725	18.16	ug/l	98
20) Methylene Chloride	2.70	84	114248	70.73	ug/l	99
25) 2-Butanone	4.29	43	2677	1.66	ug/l #	87
43) Isopropyl Acetate	5.55	43	98388	22.41	ug/l	99
95) Naphthalene	13.75	128	127469	23.80	ug/l	100

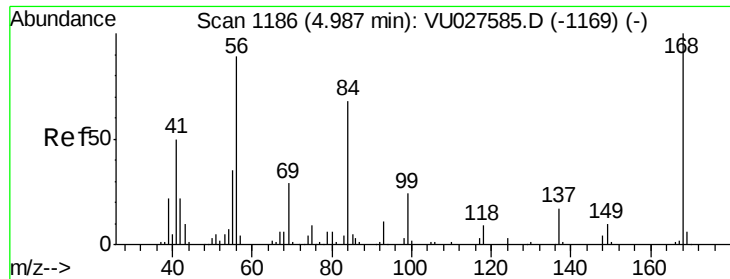
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU027605.D

Acq: 11 Oct 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

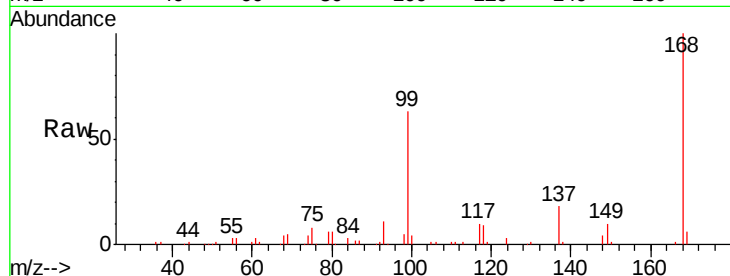
RBR200035

Tgt Ion:168 Resp: 120924

Ion Ratio Lower Upper

168 100

99 63.0 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027585.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027585.D (-1169) (-)

4.99

60000

50000

40000

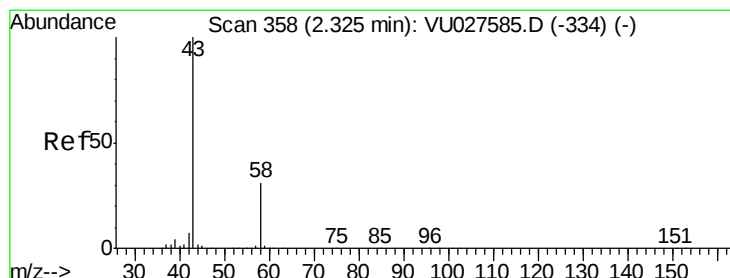
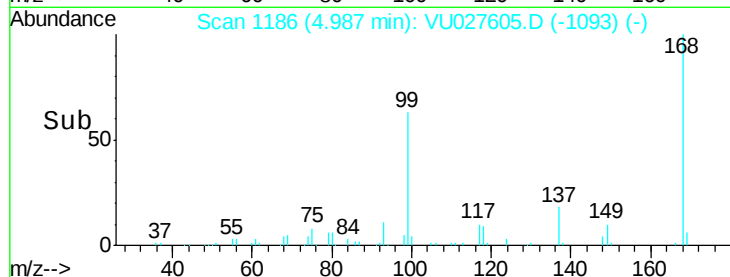
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 18.16 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027605.D

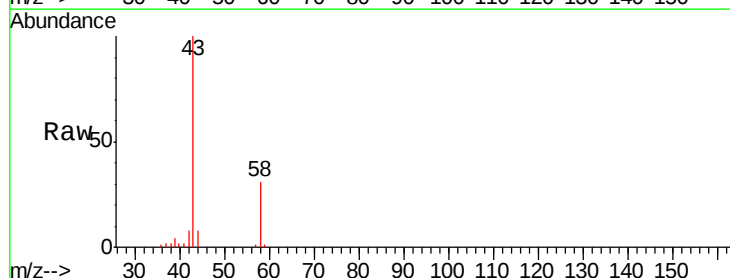
Acq: 11 Oct 2018 17:40

Tgt Ion: 43 Resp: 20725

Ion Ratio Lower Upper

43 100

58 31.2 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027585.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VU027585.D (-334) (-)

2.32

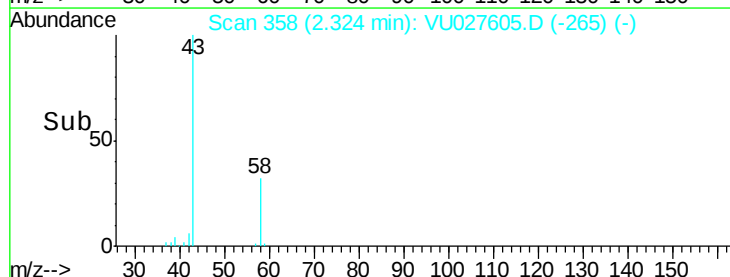
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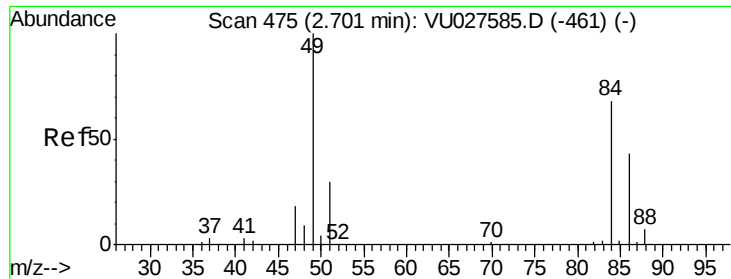
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5000

0

Time-->

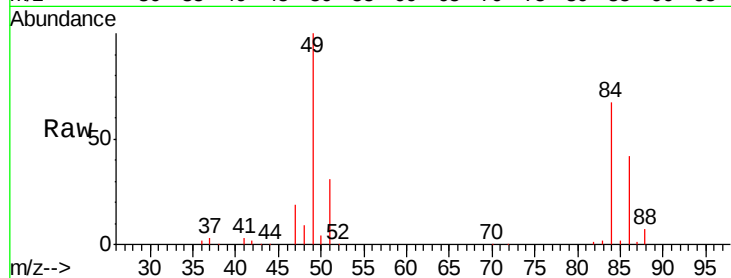




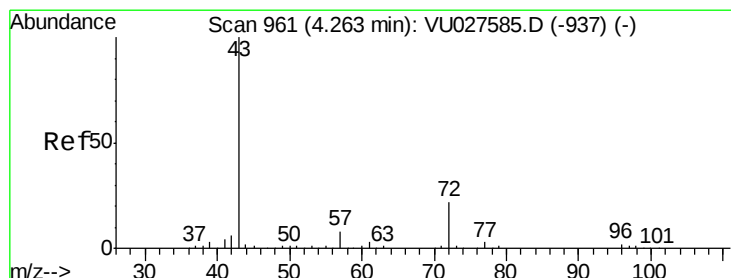
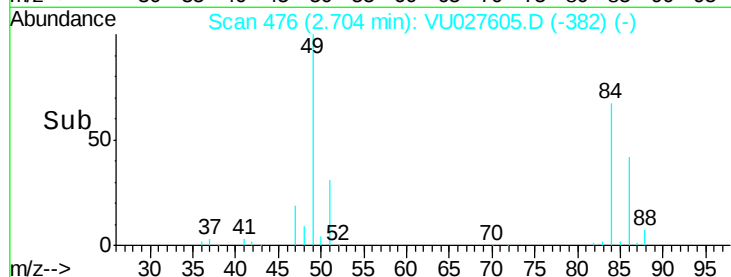
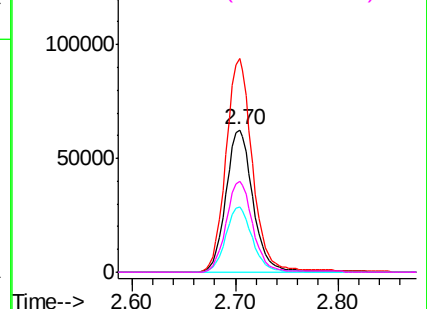
#20
Methylene Chloride
Concen: 70.73 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

Instrument :
MSVOA_U
ClientSampleId :
RBR200035

Tgt Ion: 84 Resp: 114248
Ion Ratio Lower Upper
84 100
49 149.8 120.5 180.7
51 45.9 35.1 52.7
86 63.6 50.5 75.7

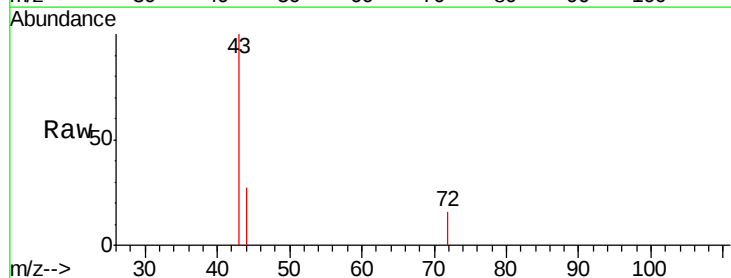


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

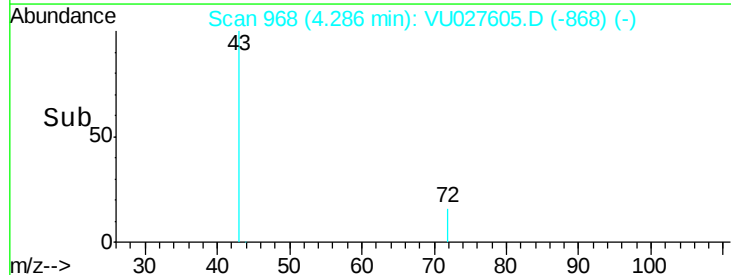
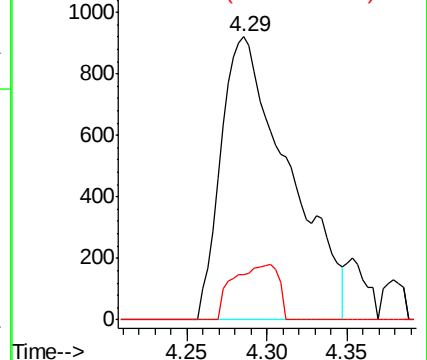


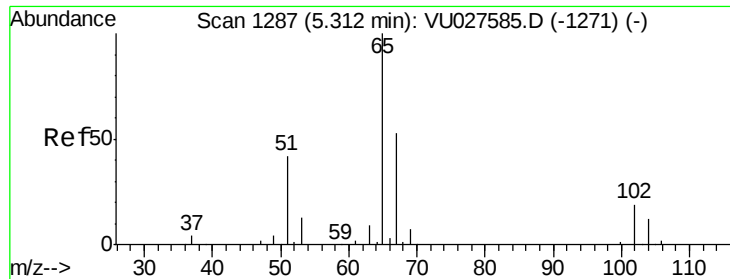
#25
2-Butanone
Concen: 1.66 ug/l
RT: 4.29 min Scan# 968
Delta R.T. 0.02 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

Tgt Ion: 43 Resp: 2677
Ion Ratio Lower Upper
43 100
72 16.0 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 72.00 (71.70 to 72.70): VU0

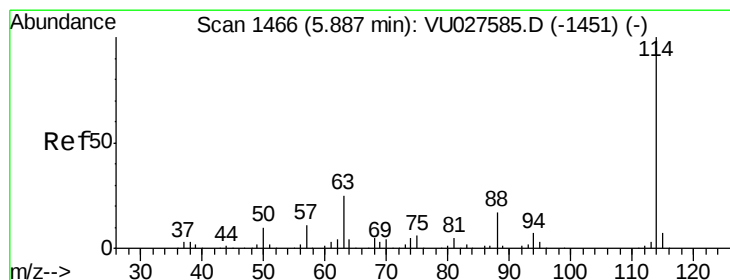
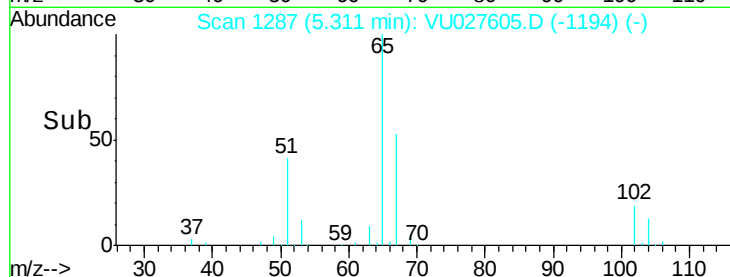
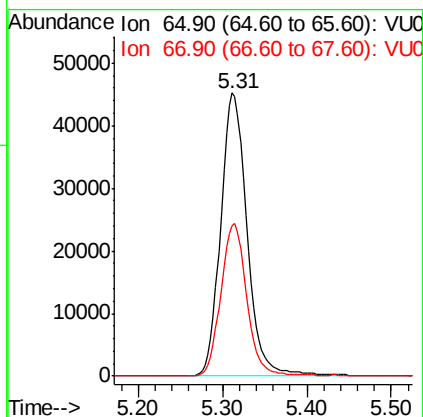
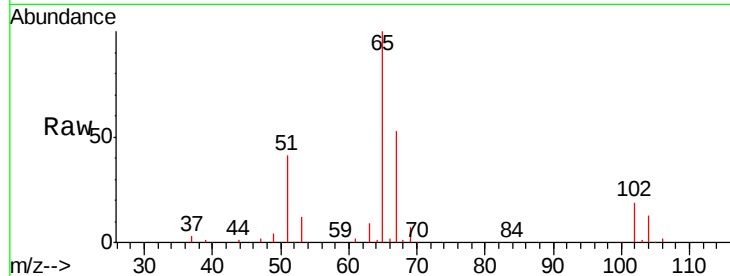




#33
 1,2-Dichloroethane-d4
 Concen: 52.52 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027605.D
 Acq: 11 Oct 2018 17:40

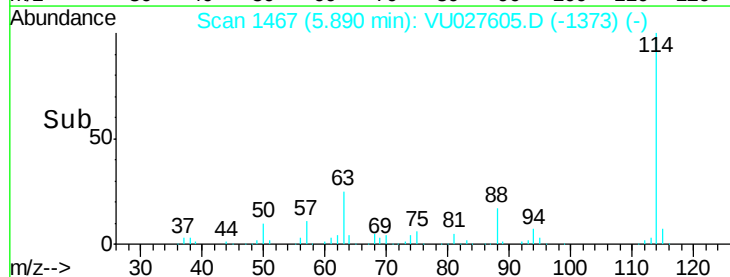
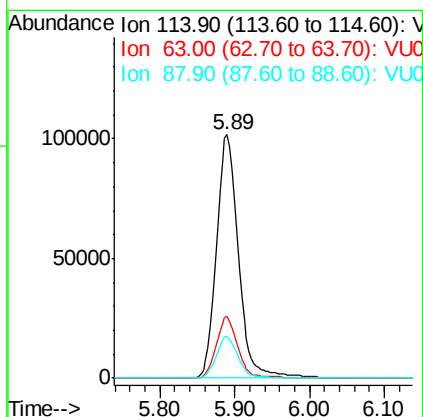
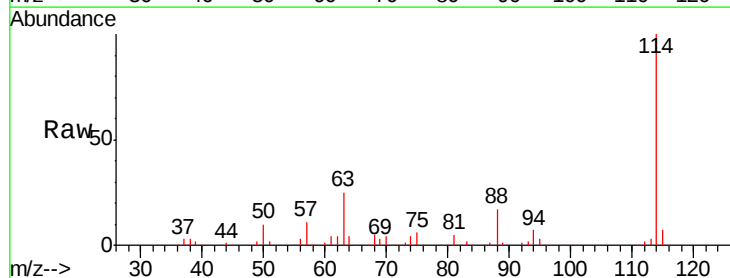
Instrument :
 MSVOA_U
 ClientSampleId :
 RBR200035

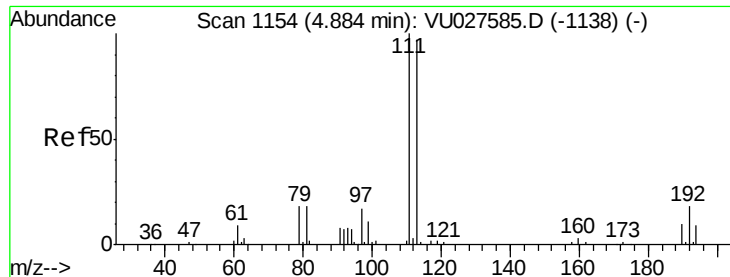
Tgt Ion: 65 Resp: 98317
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027605.D
 Acq: 11 Oct 2018 17:40

Tgt Ion: 114 Resp: 208179
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 50.2
 88 17.1 0.0 33.8

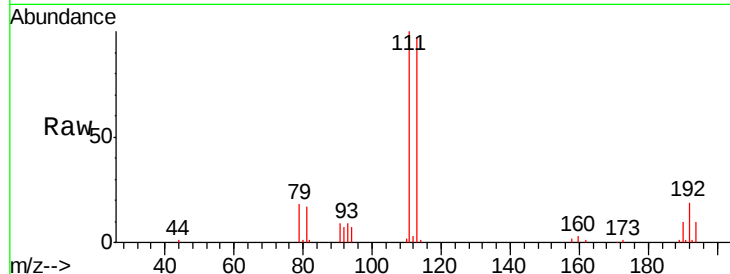




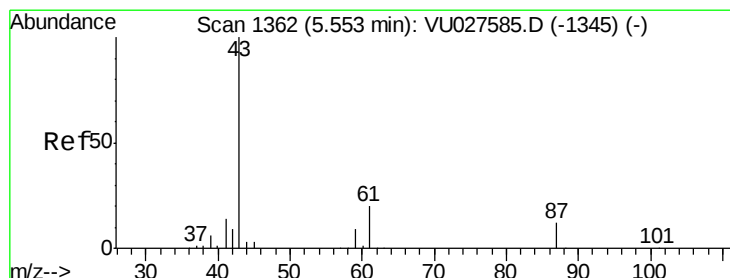
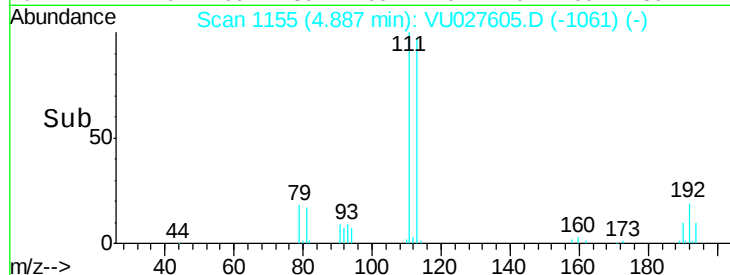
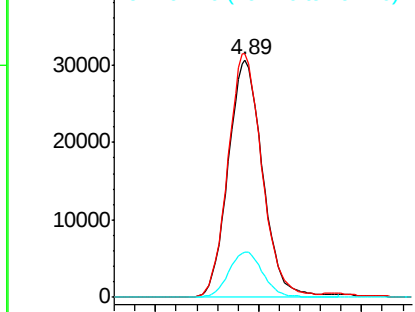
#35
 Dibromofluoromethane
 Concen: 51.88 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027605.D
 Acq: 11 Oct 2018 17:40

Instrument :
 MSVOA_U
 ClientSampleId :
 RBR200035

Tgt Ion: 113 Resp: 71457
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.1 124.7
 192 18.7 15.4 23.0

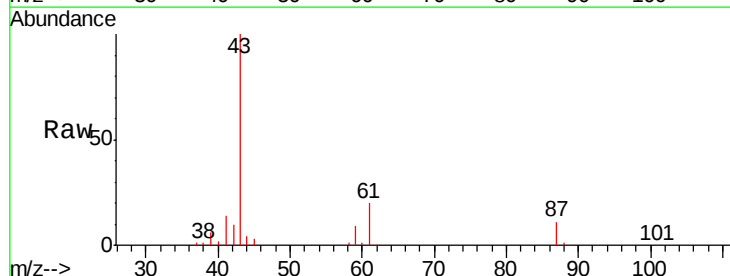


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

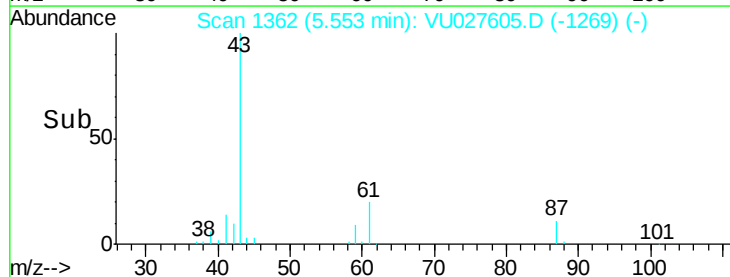
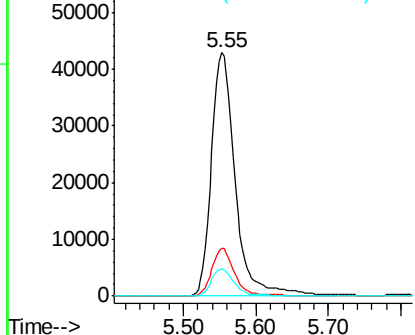


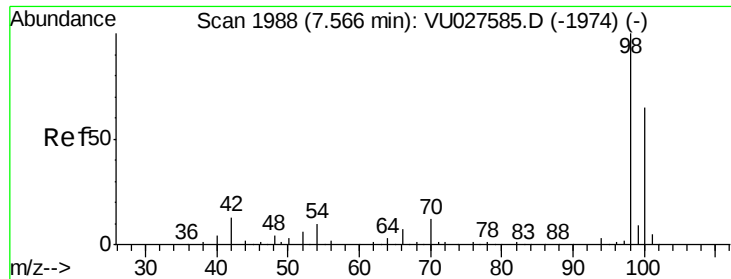
#43
 Isopropyl Acetate
 Concen: 22.41 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VU027605.D
 Acq: 11 Oct 2018 17:40

Tgt Ion: 43 Resp: 98388
 Ion Ratio Lower Upper
 43 100
 61 18.3 15.3 22.9
 87 10.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 49.97 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027605.D

Acq: 11 Oct 2018 17:40

Instrument :

MSVOA_U

ClientSampleId :

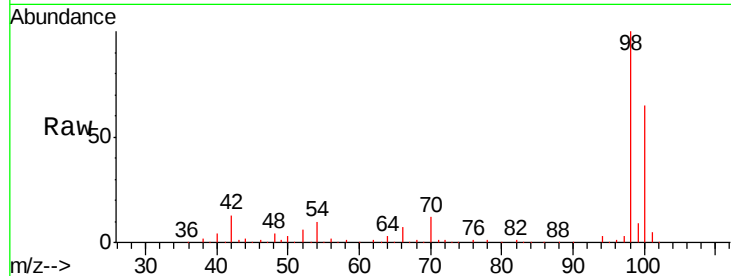
RBR200035

Tgt Ion: 98 Resp: 262109

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027585.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027585.D (-1974) (-)

7.57

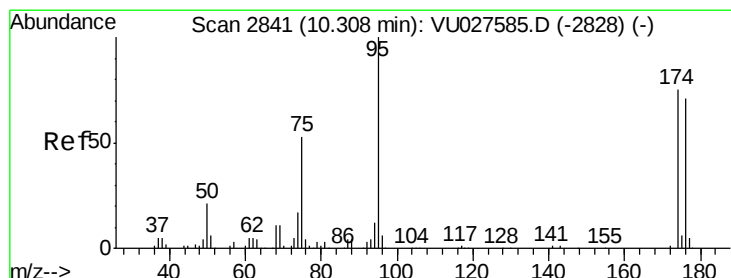
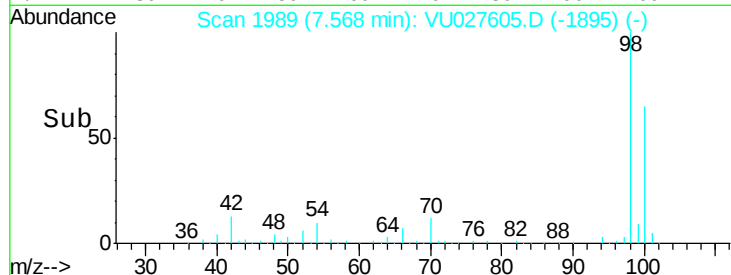
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.97 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU027605.D

Acq: 11 Oct 2018 17:40

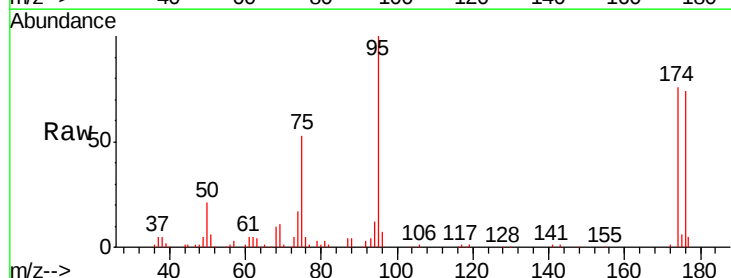
Tgt Ion: 95 Resp: 83172

Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.8

176 73.0 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027585.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027585.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027585.D (-2828) (-)

10.31

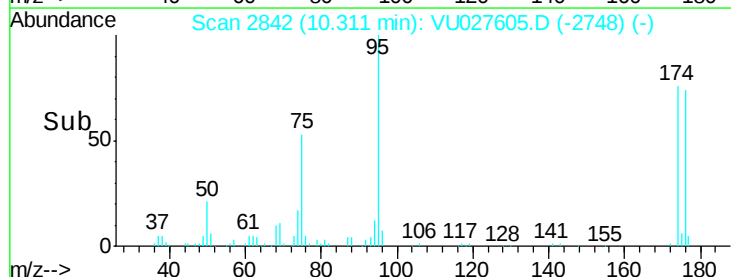
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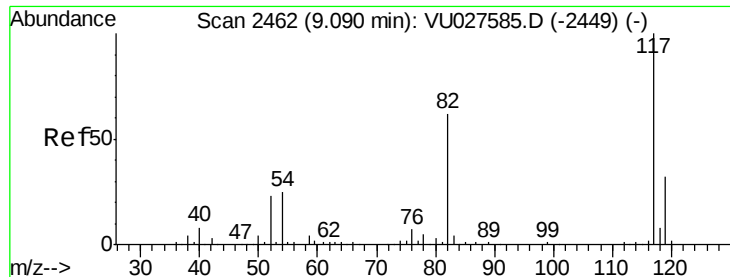
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Time-->

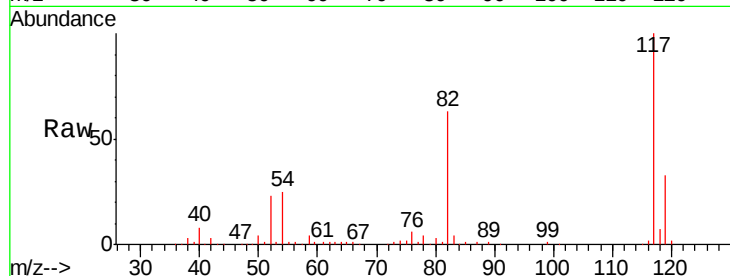




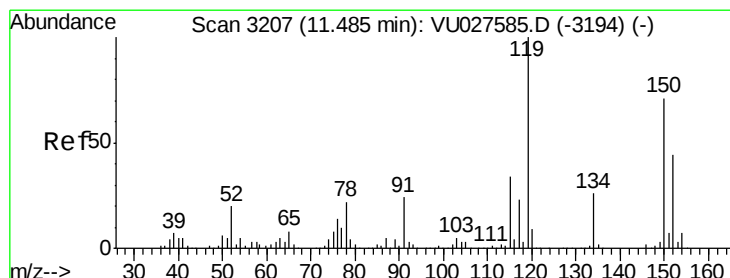
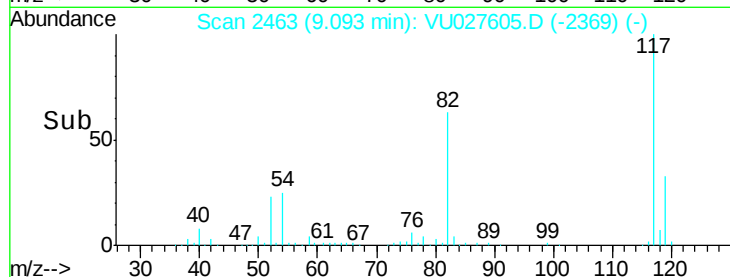
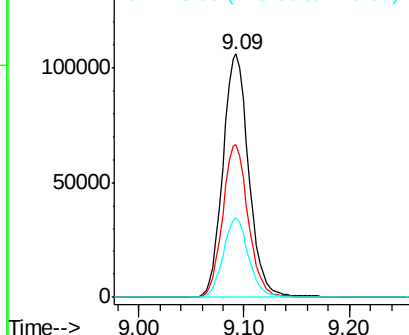
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

Instrument :
MSVOA_U
ClientSampleId :
RBR200035

Tgt Ion:117 Resp: 179769
Ion Ratio Lower Upper
117 100
82 62.9 49.2 73.8
119 32.6 25.7 38.5

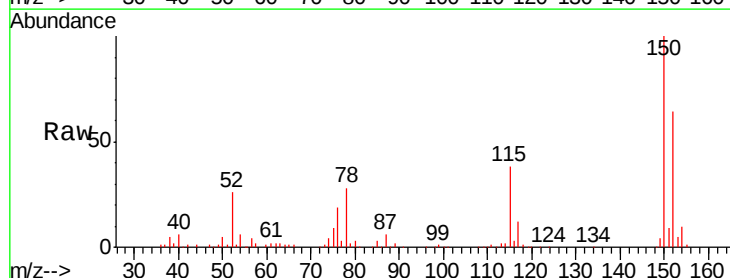


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

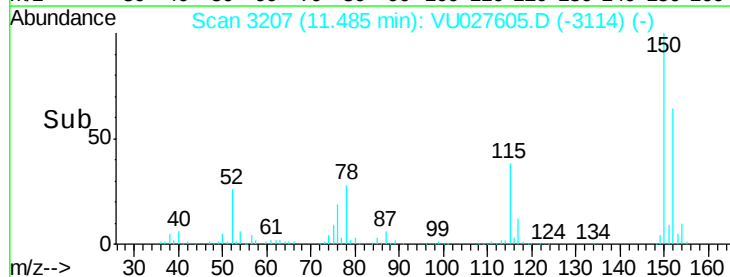
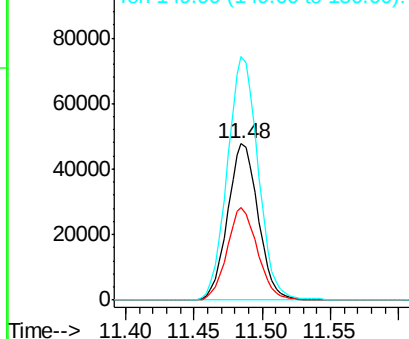


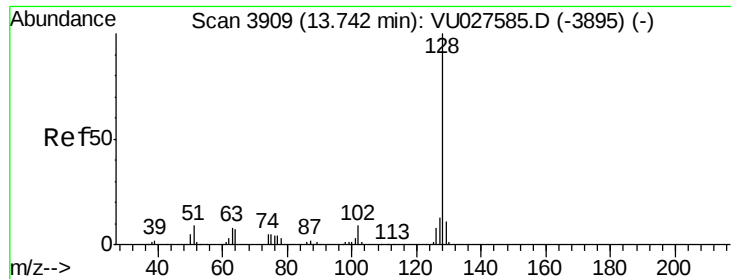
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

Tgt Ion:152 Resp: 74405
Ion Ratio Lower Upper
152 100
115 59.0 43.4 130.2
150 157.3 0.0 349.2



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: 23.80 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027605.D
Acq: 11 Oct 2018 17:40

Instrument :
MSVOA_U
ClientSampleId :
RBR200035

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.8	8.6	12.8

