

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027302.D
 Acq On : 29 Sep 2018 03:52
 Operator : MD/SY
 Sample : J4777-34
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PL-01-092718-A

Quant Time: Oct 01 03:18:57 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	108086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	184496	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	84643	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	107244	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
35) Dibromofluoromethane	4.88	113	74739	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
50) Toluene-d8	7.57	98	292477	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	10.31	95	98958	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	

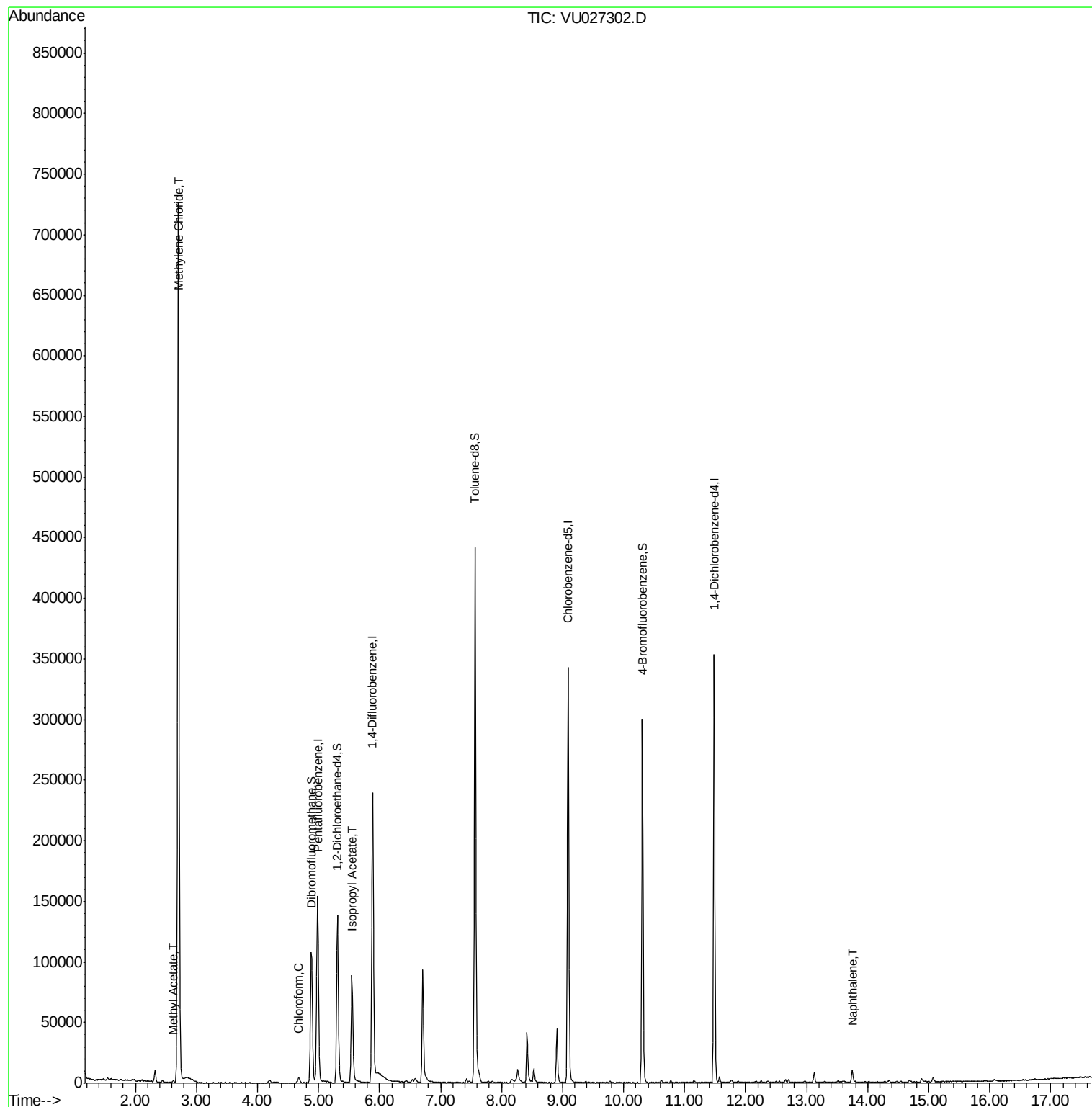
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	2.62	43	3149	1.017	ug/l	93
20) Methylene Chloride	2.70	84	298439	153.183	ug/l	98
30) Chloroform	4.68	83	4049	1.223	ug/l	95
43) Isopropyl Acetate	5.55	43	105124	21.625	ug/l	98
95) Naphthalene	13.75	128	9155	2.951	ug/l	97

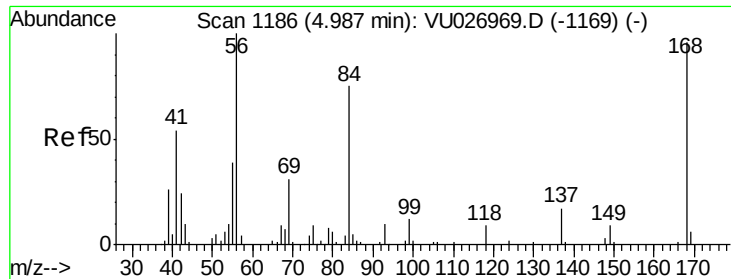
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027302.D

Acq: 29 Sep 2018 03:52

Instrument :

MSVOA_U

ClientSampleId :

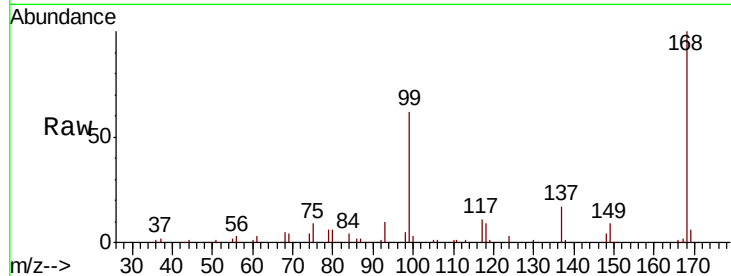
PL-01-092718-A

Tot Ion:168 Resp: 108086

Ion Ratio Lower Upper

168 100

99 62.0 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) (-)

4.99

50000

40000

30000

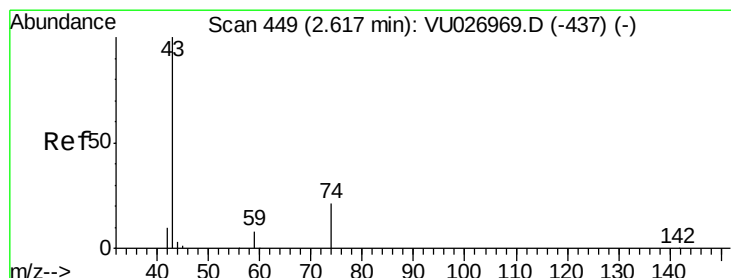
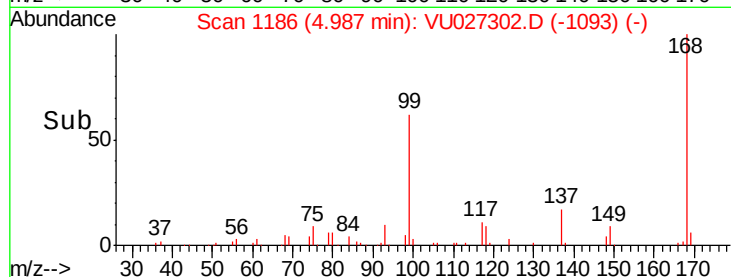
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#18

Methyl Acetate

Concen: 1.017 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.00 min

Lab File: VU027302.D

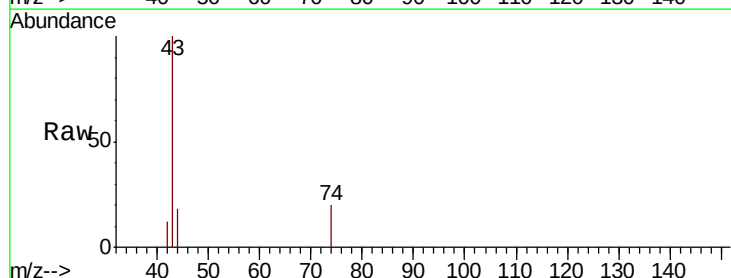
Acq: 29 Sep 2018 03:52

Tgt Ion: 43 Resp: 3149

Ion Ratio Lower Upper

43 100

74 17.4 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-437) (-)

Ion 74.00 (73.70 to 74.70): VU026969.D (-437) (-)

2.62

2000

1500

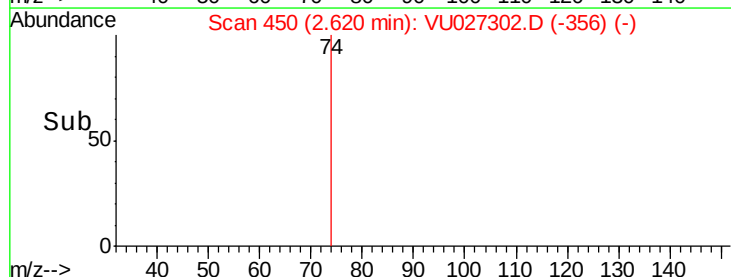
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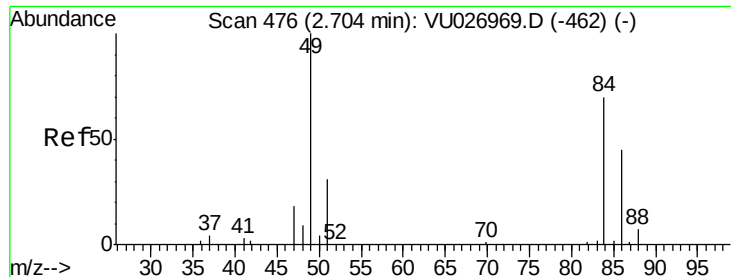
500

0

2.55 2.60 2.65

Time-->

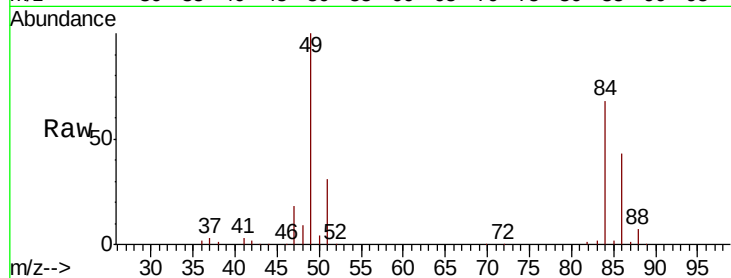




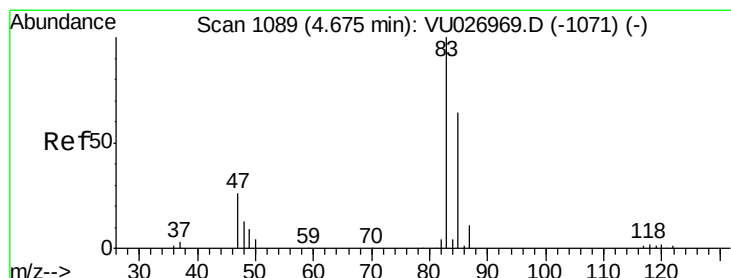
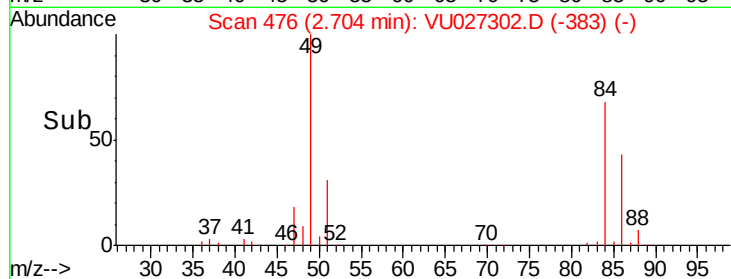
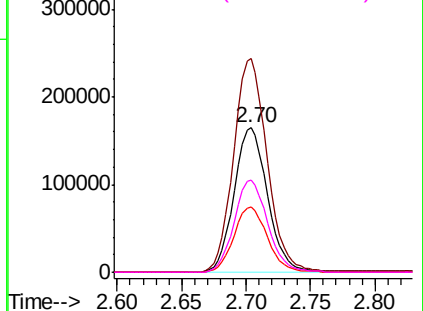
#20
Methvlene Chloride
Concen: 153.183 ug/l
RT: 2.70 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU027302.D
Acq: 29 Sep 2018 03:52

Instrument :
MSVOA_U
ClientSampleId :
PL-01-092718-A

Tot Ion:	84	Resp:	298439
Ion	Ratio	Lower	Upper
84	100		
49	148.1	114.9	172.3
51	45.4	35.8	53.8
86	64.2	51.3	76.9

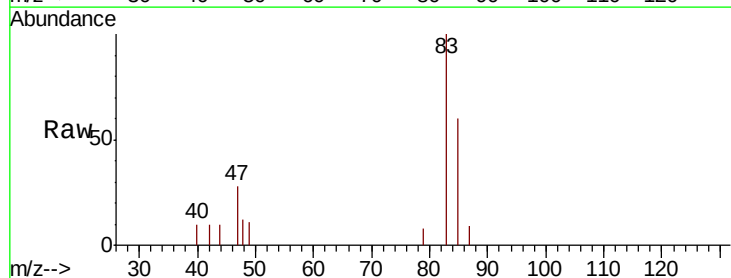


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

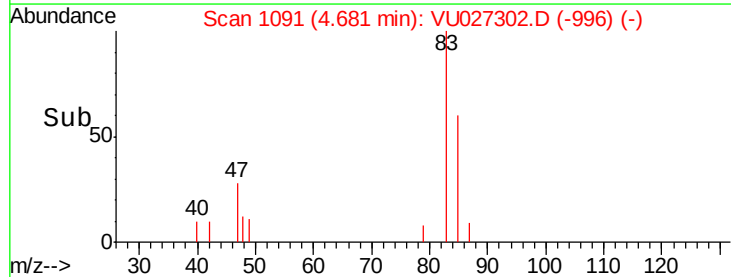
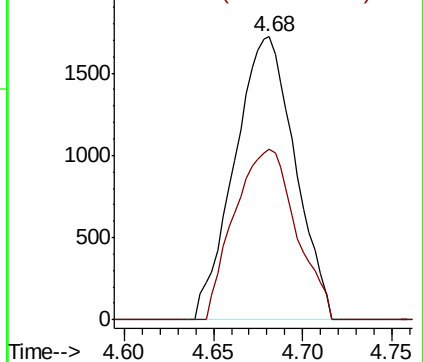


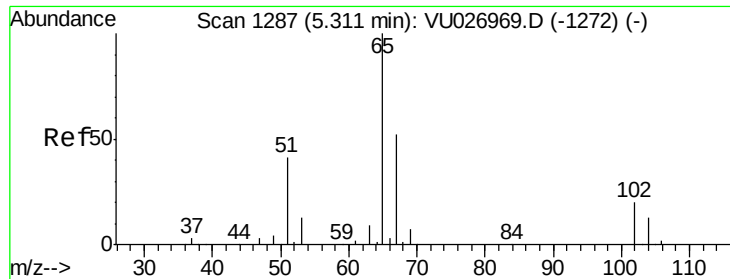
#30
Chloroform
Concen: 1.223 ug/l
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU027302.D
Acq: 29 Sep 2018 03:52

Tgt Ion:	83	Resp:	4049
Ion	Ratio	Lower	Upper
83	100		
85	60.1	51.5	77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0

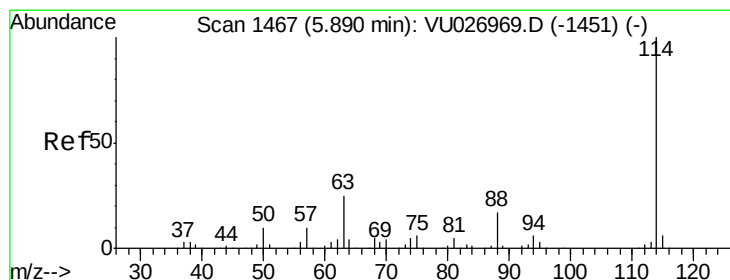
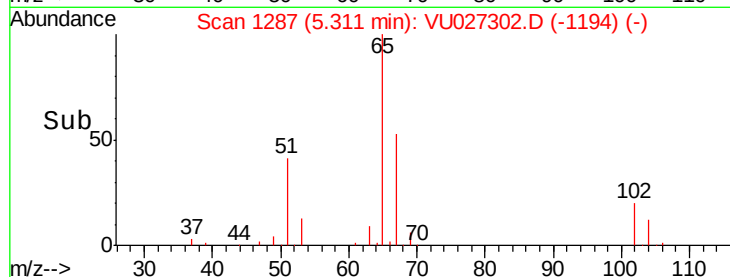
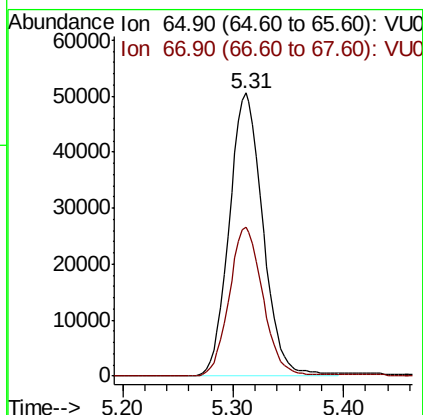
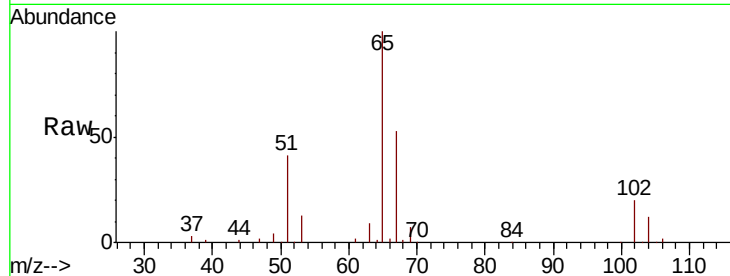




#33
 1,2-Dichloroethane-d4
 Concen: 49.298 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027302.D
 Acq: 29 Sep 2018 03:52

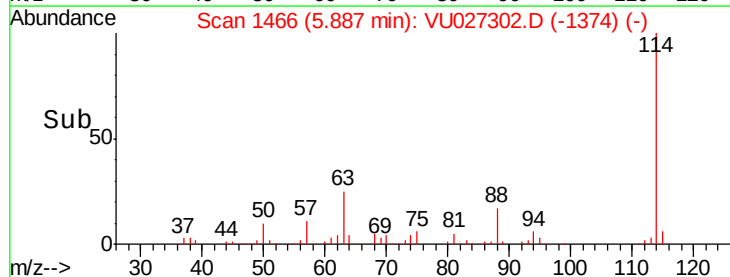
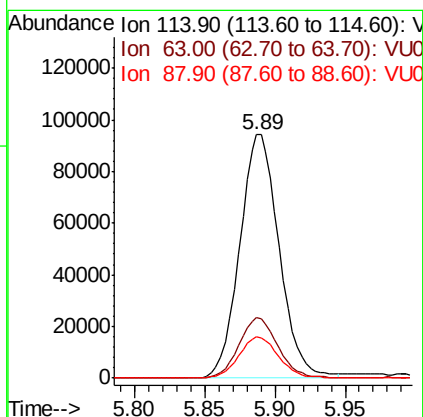
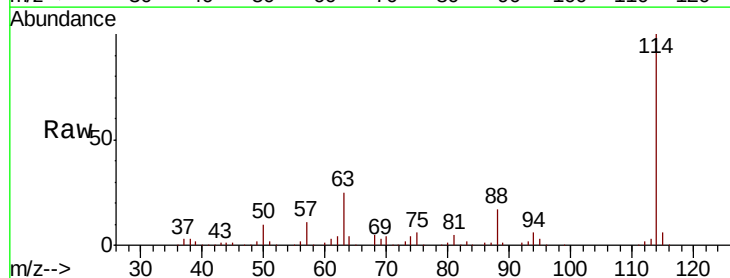
Instrument :
 MSVOA_U
 ClientSampleId :
 PL-01-092718-A

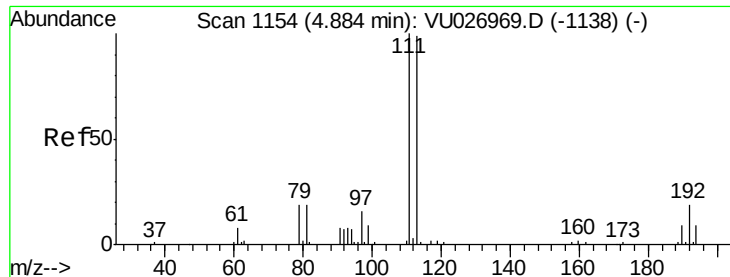
Tot Ion: 65 Resp: 107244
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027302.D
 Acq: 29 Sep 2018 03:52

Tgt Ion: 114 Resp: 184496
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.9 0.0 33.8

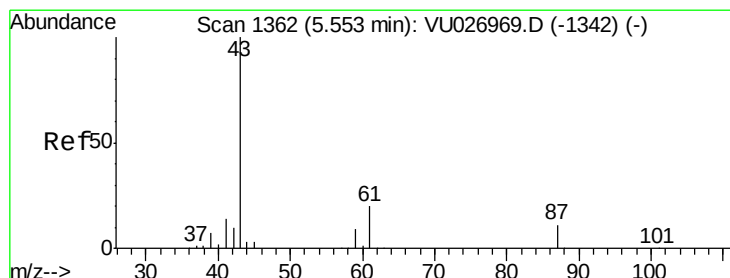
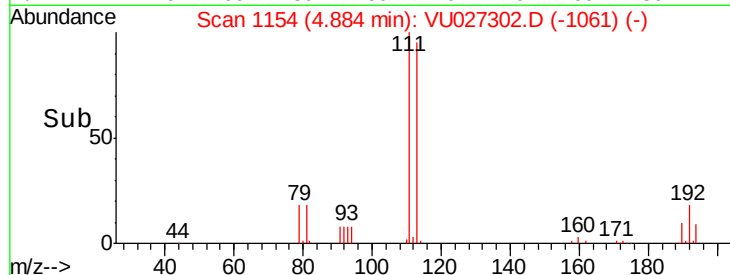
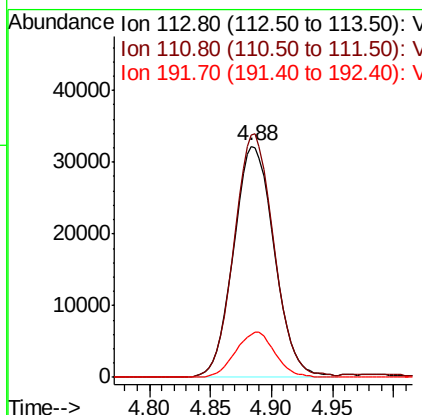
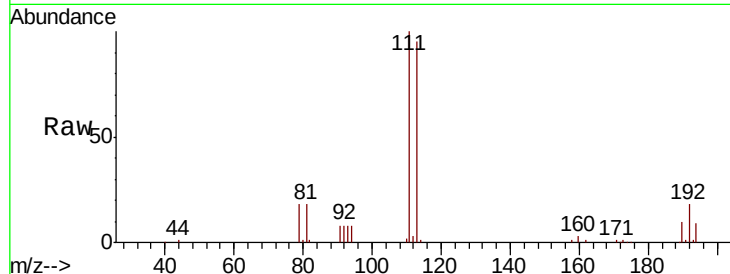




#35
 Dibromofluoromethane
 Concen: 46.735 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027302.D
 Acq: 29 Sep 2018 03:52

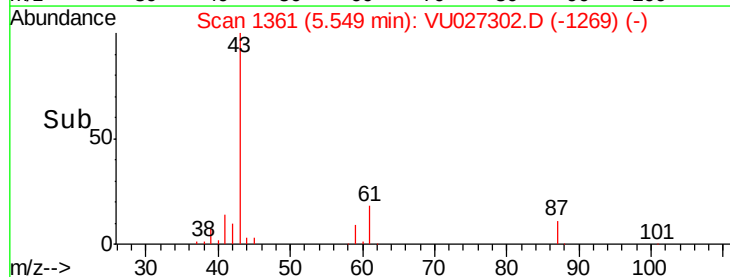
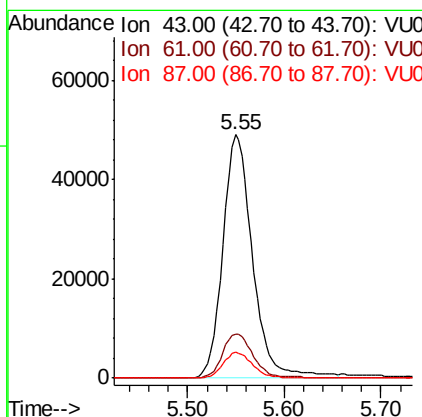
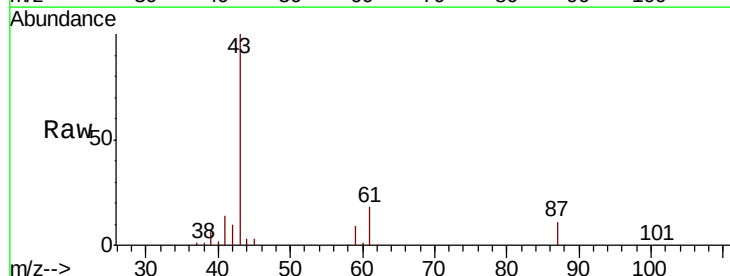
Instrument :
 MSVOA_U
 ClientSampleId :
 PL-01-092718-A

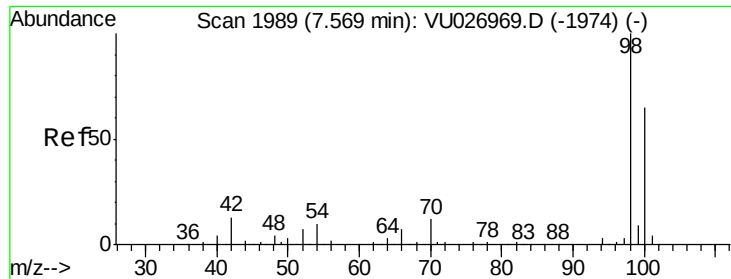
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	18.8	15.2	22.8



#43
 Isopropyl Acetate
 Concen: 21.625 ug/l
 RT: 5.55 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: VU027302.D
 Acq: 29 Sep 2018 03:52

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.7	23.5
87	10.5	9.0	13.4





#50

Toluene-d8

Concen: 47.989 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027302.D

Acq: 29 Sep 2018 03:52

Instrument :

MSVOA_U

ClientSampleId :

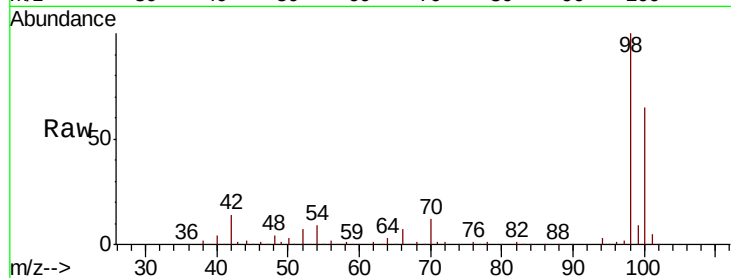
PL-01-092718-A

Tot Ion: 98 Resp: 292477

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

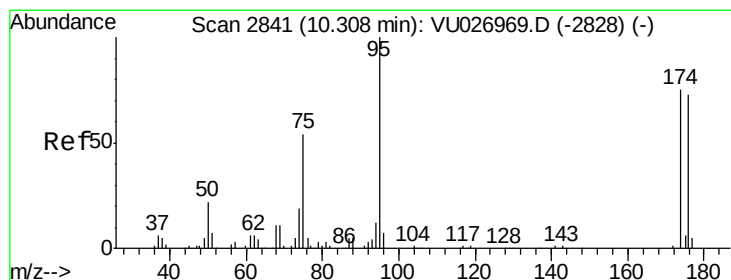
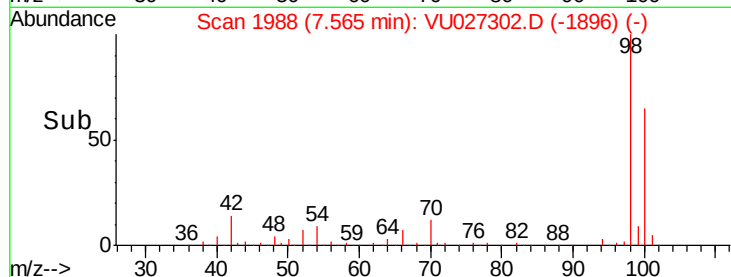
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.320 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027302.D

Acq: 29 Sep 2018 03:52

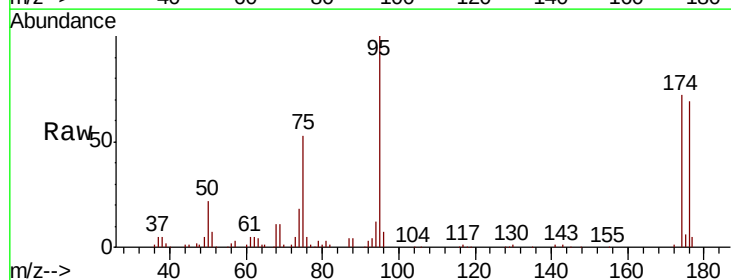
Tgt Ion: 95 Resp: 98958

Ion Ratio Lower Upper

95 100

174 73.6 0.0 150.2

176 70.4 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) (-)

10.31

80000

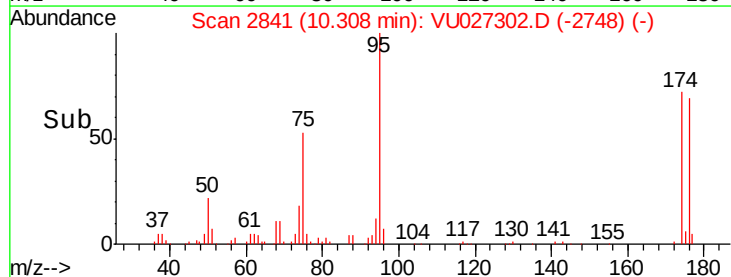
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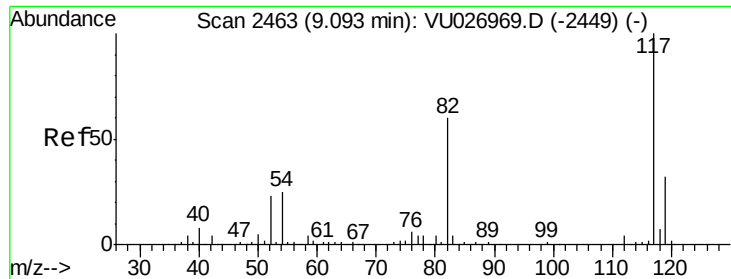
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Time-->

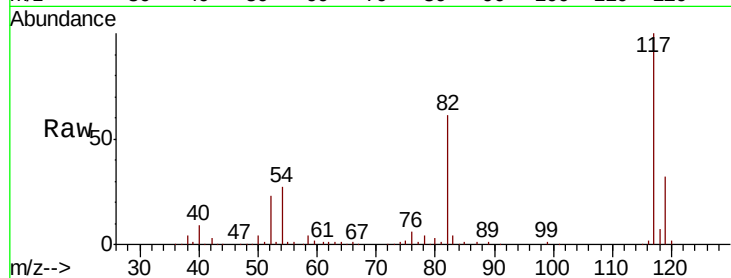




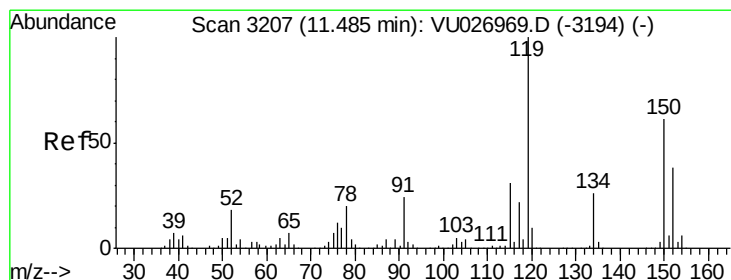
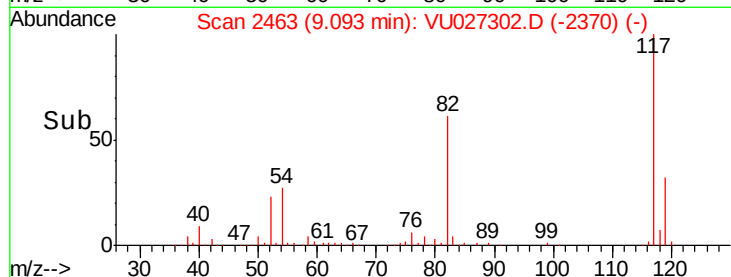
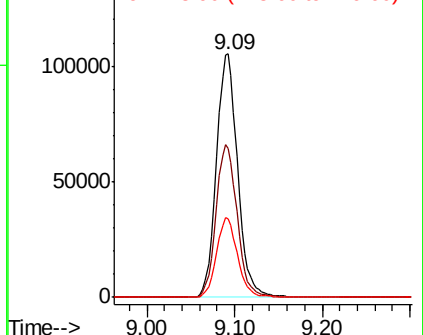
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VU027302.D
Acq: 29 Sep 2018 03:52

Instrument :
MSVOA_U
ClientSampleId :
PL-01-092718-A

Tot Ion:117 Resp: 177366
Ion Ratio Lower Upper
117 100
82 61.1 48.0 72.0
119 32.4 25.8 38.8

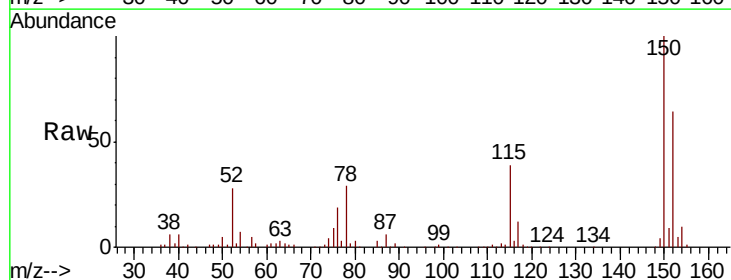


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

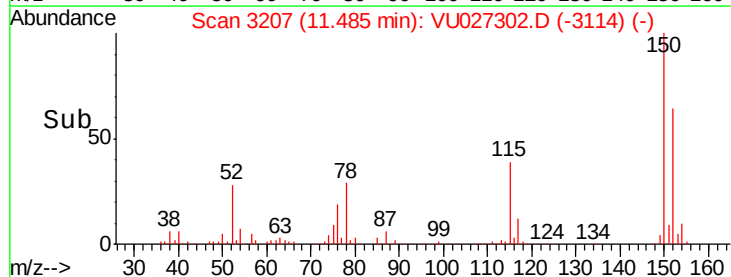
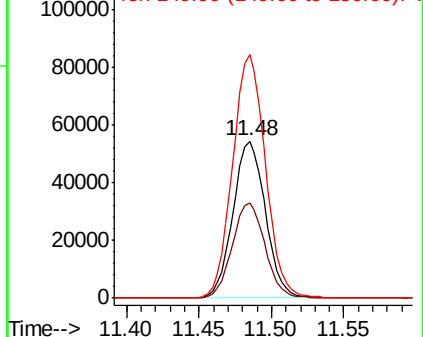


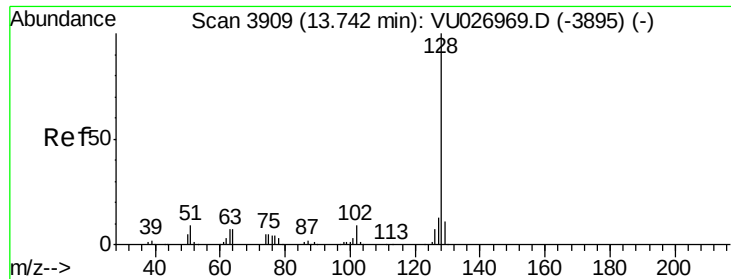
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027302.D
Acq: 29 Sep 2018 03:52

Tgt Ion:152 Resp: 84643
Ion Ratio Lower Upper
152 100
115 61.3 44.9 134.5
150 157.5 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





#95
 Naphthalene
 Concen: 2.951 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.00 min
 Lab File: VU027302.D
 Acq: 29 Sep 2018 03:52

Instrument :
 MSVOA_U
 ClientSampleId :
 PL-01-092718-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.6	15.8
129	9.6	8.6	12.8

