

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110218\
 Data File : VU027928.D
 Acq On : 02 Nov 2018 16:01
 Operator : MD/SY
 Sample : J5776-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 NJ-GREEN

Quant Time: Nov 03 05:42:09 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

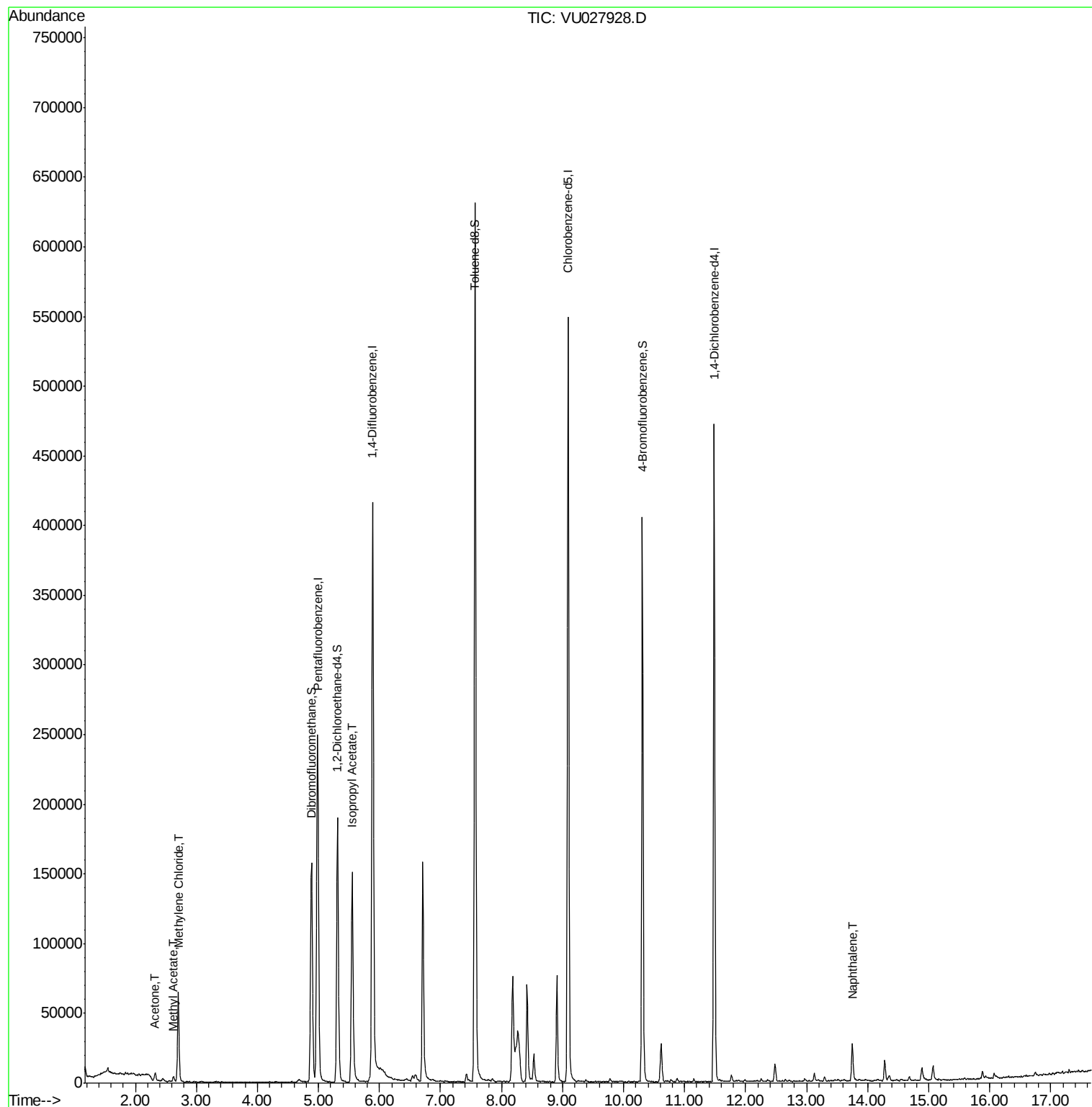
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	188225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	332069	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	289172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	118467	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	145402	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
35) Dibromofluoromethane	4.89	113	108417	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
50) Toluene-d8	7.57	98	422957	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	10.31	95	137546	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
Target Compounds						
16) Acetone	2.32	43	6333	3.648	ug/l	92
18) Methyl Acetate	2.62	43	4789	1.003	ug/l	96
20) Methylene Chloride	2.70	84	26140	10.311	ug/l	96
43) Isopropyl Acetate	5.55	43	179958	22.541	ug/l	100
95) Naphthalene	13.75	128	24659	2.365	ug/l	99

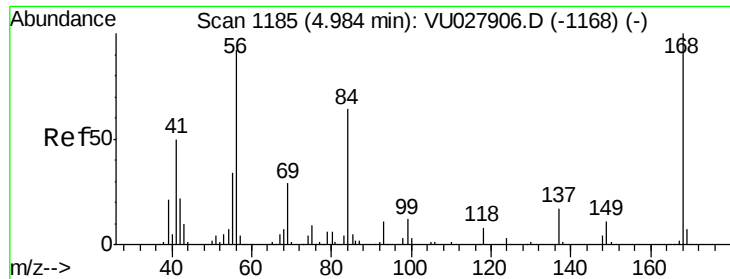
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027928.D

Acq: 02 Nov 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

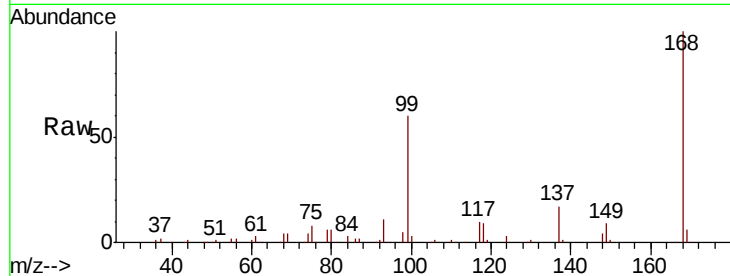
NJ-GREEN

Tot Ion:168 Resp: 188225

Ion Ratio Lower Upper

168 100

99 60.2 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.99

80000

60000

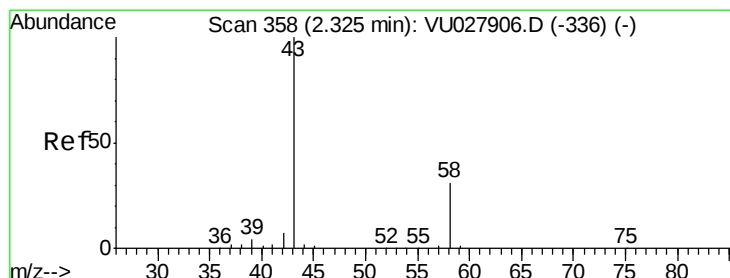
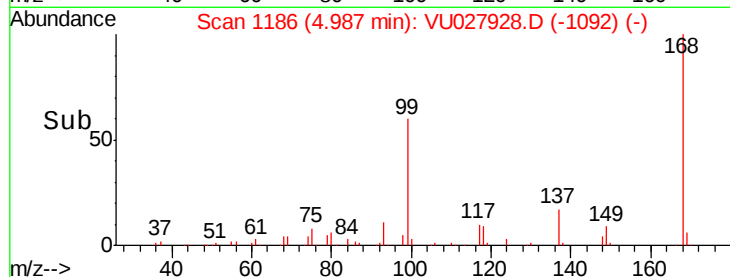
40000

20000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 3.648 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027928.D

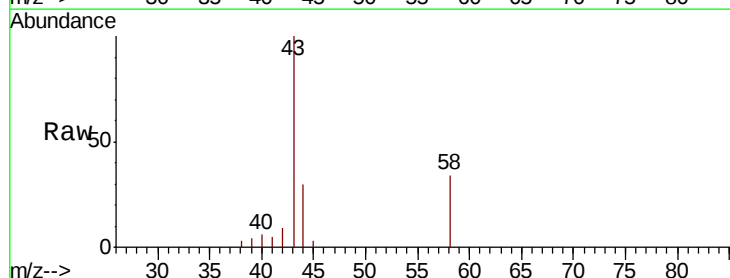
Acq: 02 Nov 2018 16:01

Tgt Ion: 43 Resp: 6333

Ion Ratio Lower Upper

43 100

58 35.2 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) (-)

2.32

4000

3000

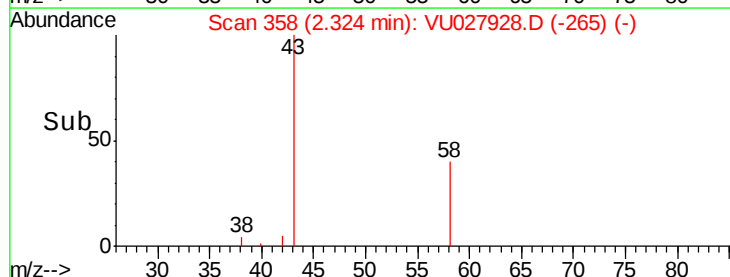
2000

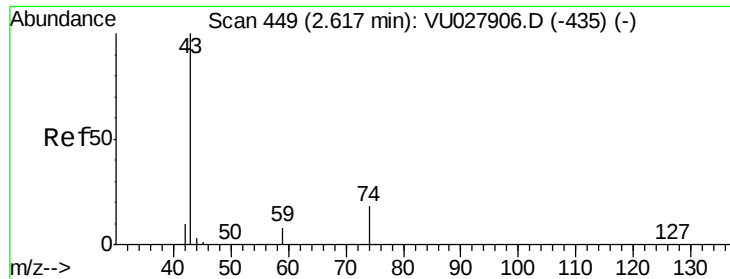
1000

0

2.25 2.30 2.35 2.40

Time-->

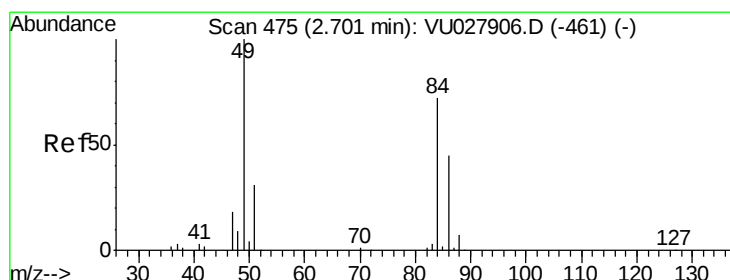
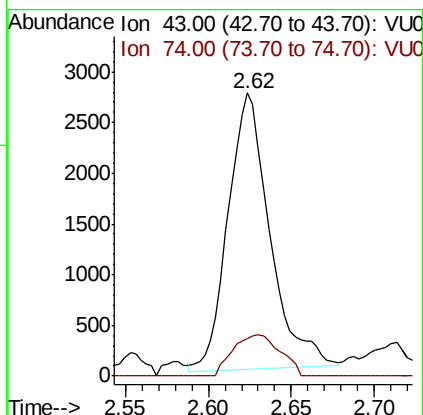
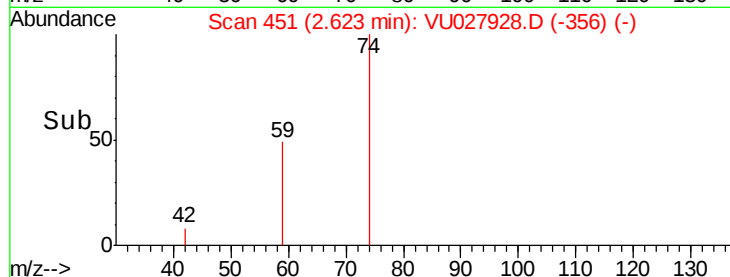
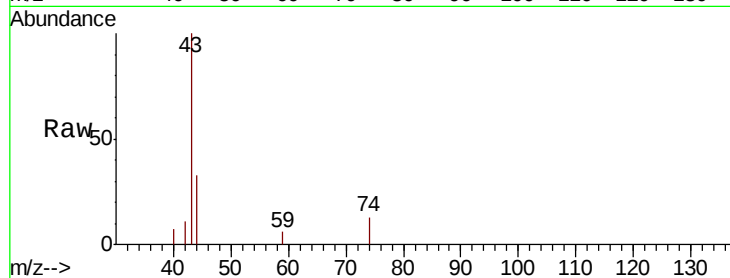




#18
Methyl Acetate
Concen: 1.003 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027928.D
Acq: 02 Nov 2018 16:01

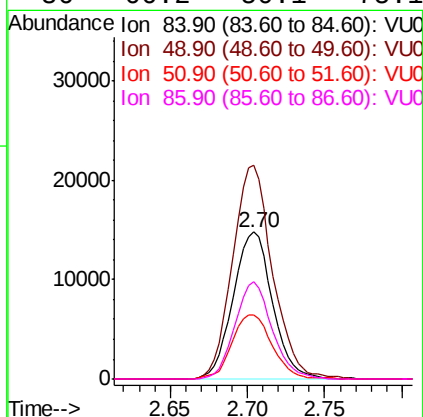
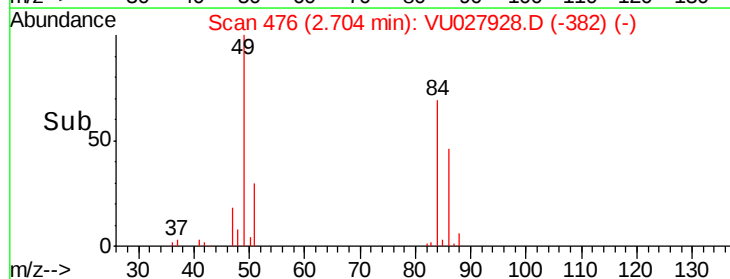
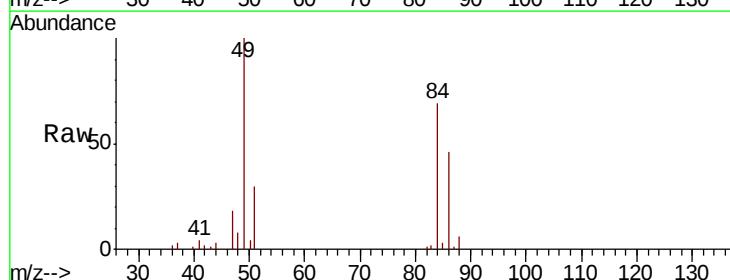
Instrument :
MSVOA_U
ClientSampleId :
NJ-GREEN

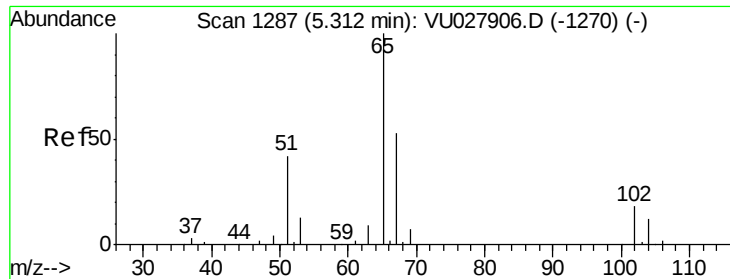
Tot Ion: 43 Resp: 4789
Ion Ratio Lower Upper
43 100
74 16.8 14.9 22.3



#20
Methylene Chloride
Concen: 10.311 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027928.D
Acq: 02 Nov 2018 16:01

Tgt Ion: 84 Resp: 26140
Ion Ratio Lower Upper
84 100
49 145.3 111.6 167.4
51 43.5 34.8 52.2
86 66.2 50.1 75.1

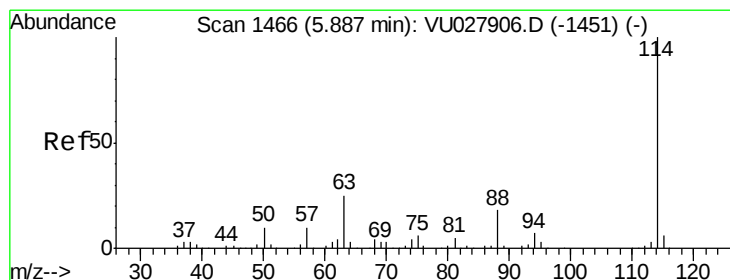
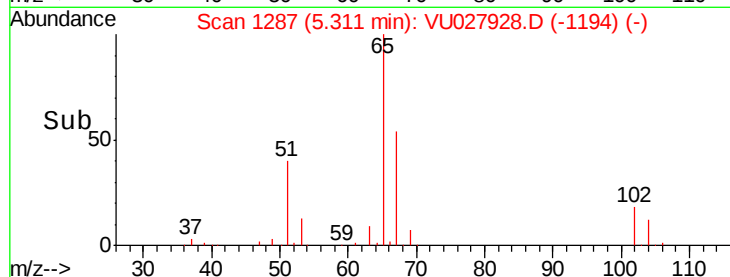
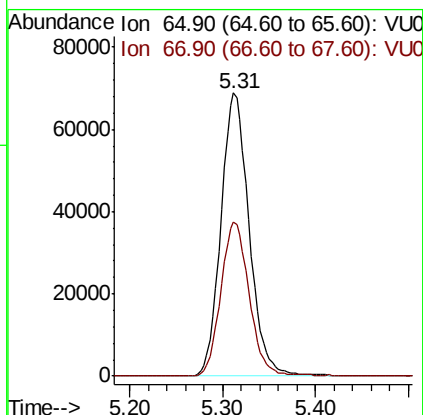
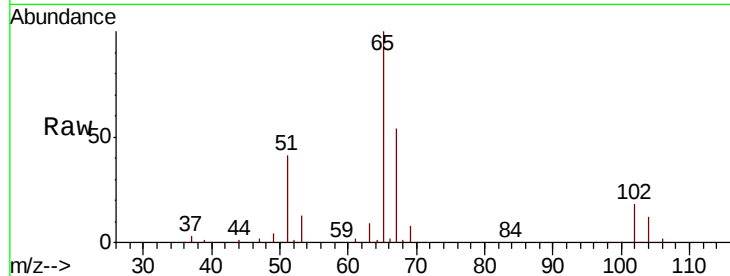




#33
 1,2-Dichloroethane-d4
 Concen: 51.958 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027928.D
 Acq: 02 Nov 2018 16:01

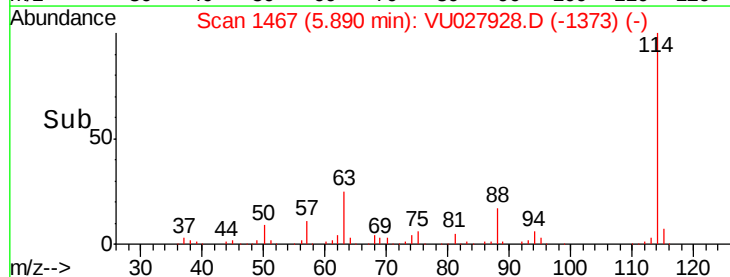
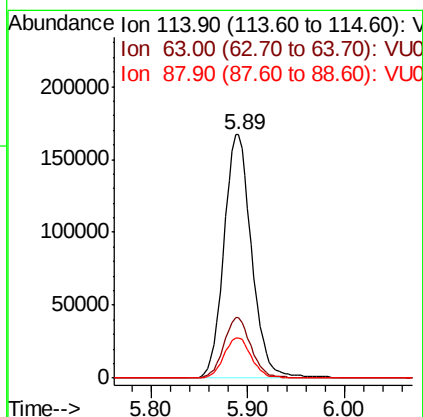
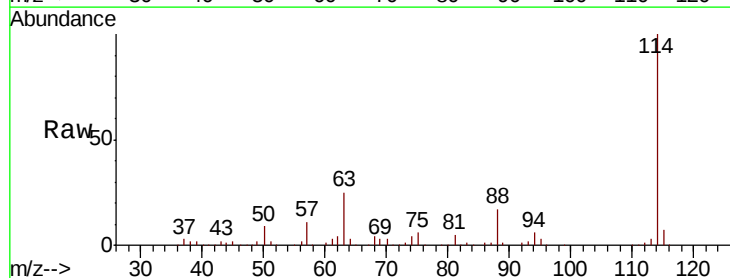
Instrument :
 MSVOA_U
 ClientSampleId :
 NJ-GREEN

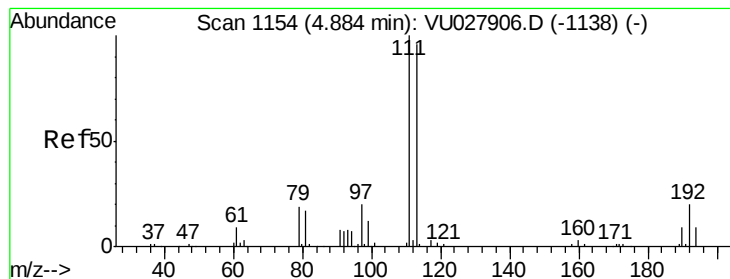
Tot Ion: 65 Resp: 145402
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027928.D
 Acq: 02 Nov 2018 16:01

Tgt Ion: 114 Resp: 332069
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.8
 88 16.7 0.0 35.8





#35

Dibromofluoromethane

Concen: 51.781 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027928.D

Acq: 02 Nov 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

NJ-GREEN

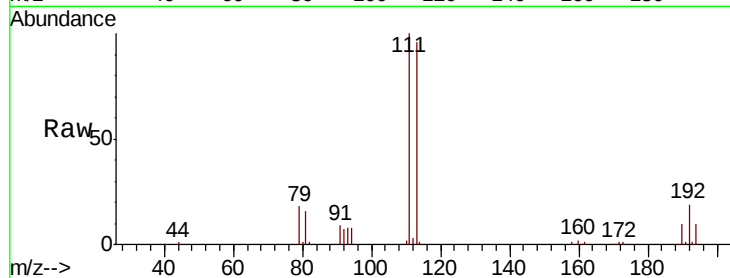
Tot Ion:113 Resp: 108417

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.6

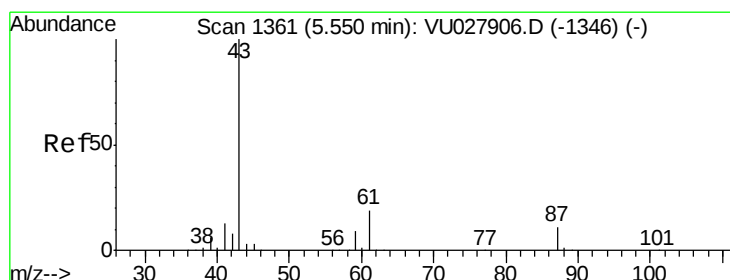
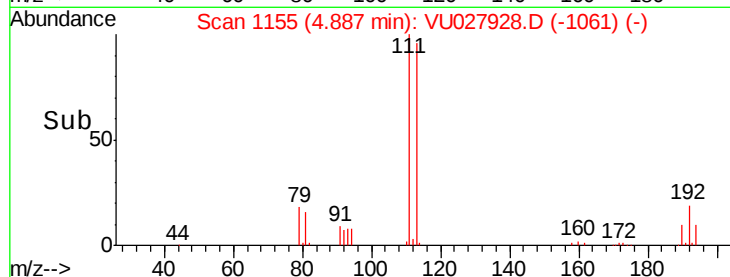
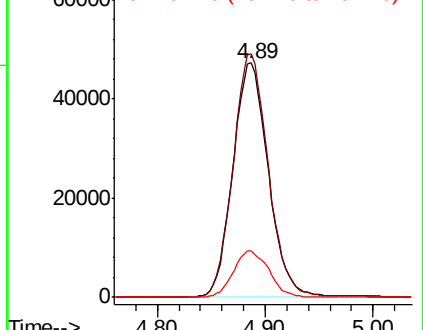
192 19.8 15.6 23.4



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



#43

Isopropyl Acetate

Concen: 22.541 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027928.D

Acq: 02 Nov 2018 16:01

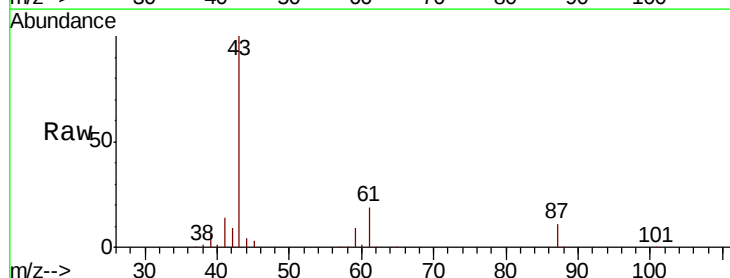
Tgt Ion: 43 Resp: 179958

Ion Ratio Lower Upper

43 100

61 18.9 15.0 22.4

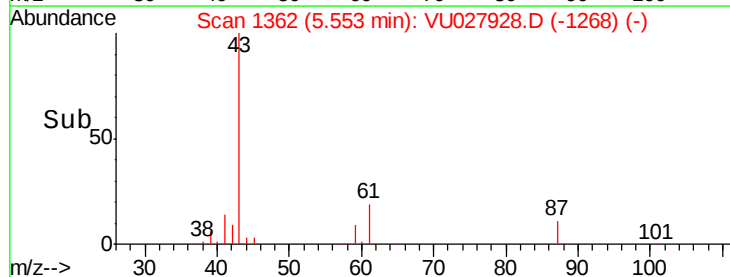
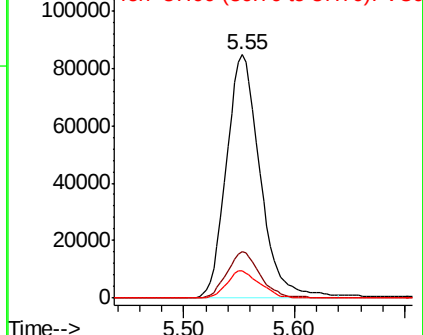
87 10.8 8.6 12.8

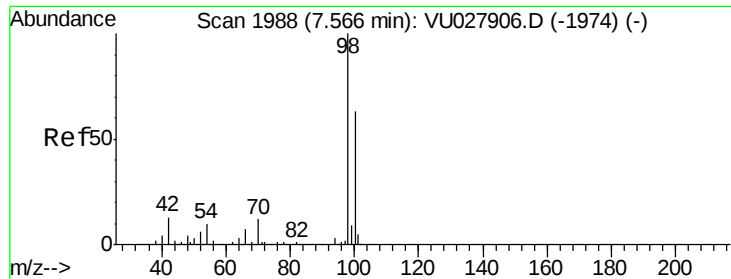


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 52.295 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027928.D

Acq: 02 Nov 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

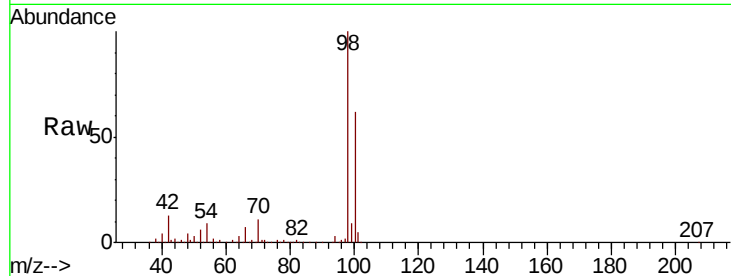
NJ-GREEN

Tot Ion: 98 Resp: 422957

Ion Ratio Lower Upper

98 100

100 62.8 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

7.57

250000

200000

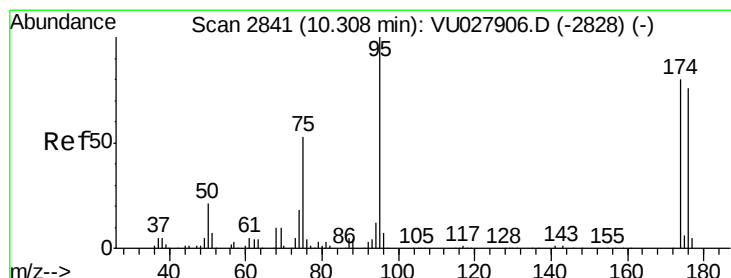
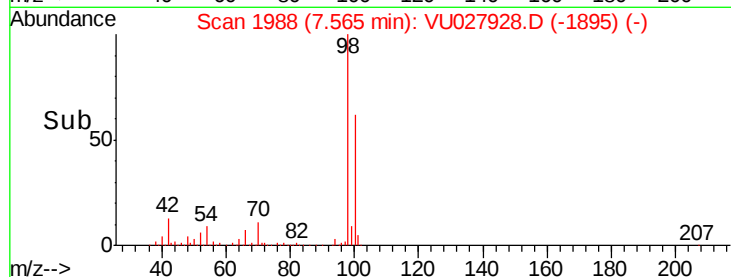
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.107 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027928.D

Acq: 02 Nov 2018 16:01

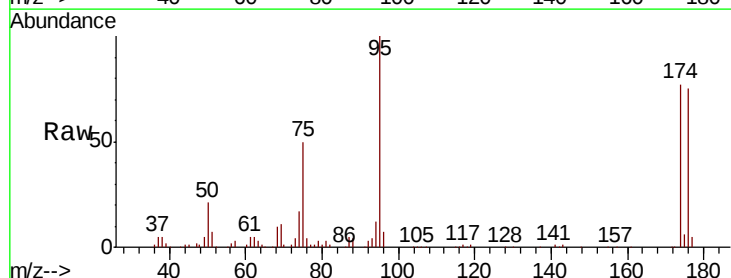
Tgt Ion: 95 Resp: 137546

Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.4

176 73.6 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) (-)

10.31

100000

80000

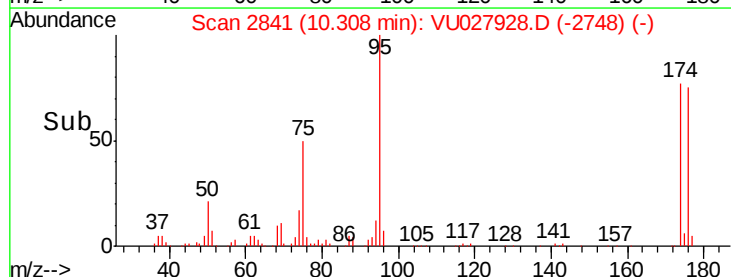
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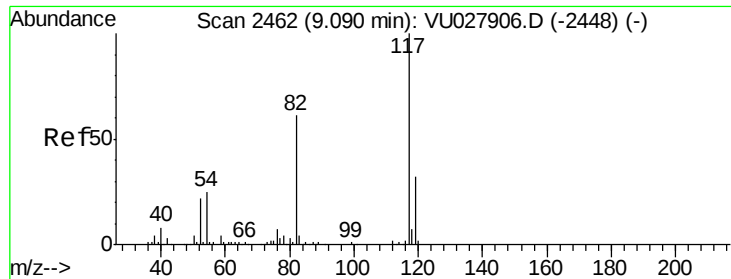
40000

20000

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Time-->

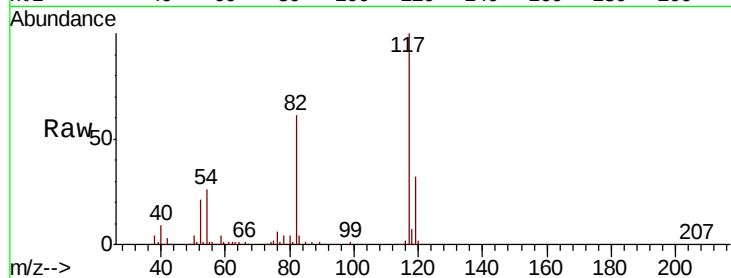




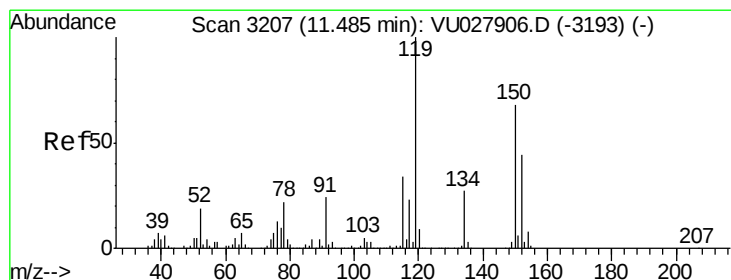
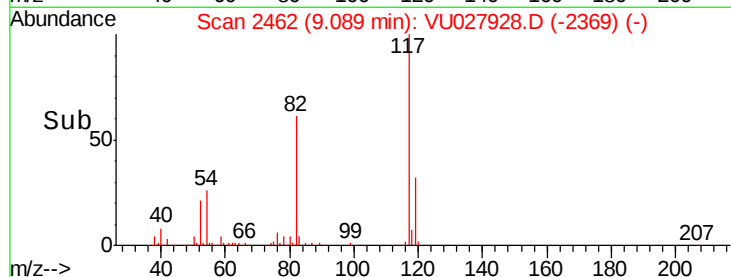
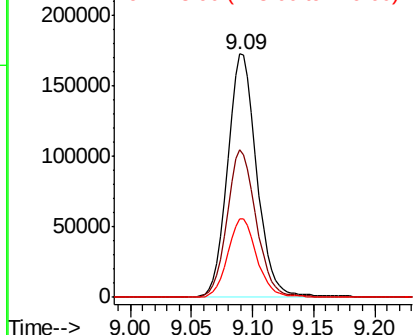
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027928.D
Acq: 02 Nov 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
NJ-GREEN

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	48.6	73.0
119	32.1	25.8	38.8

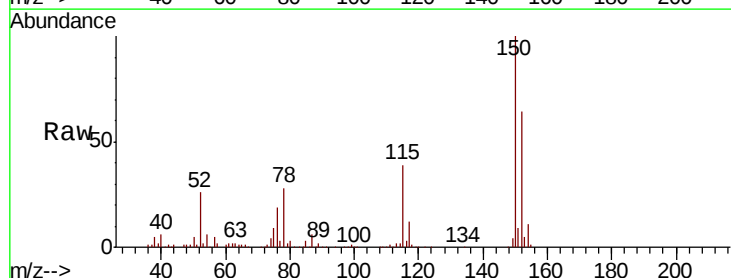


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

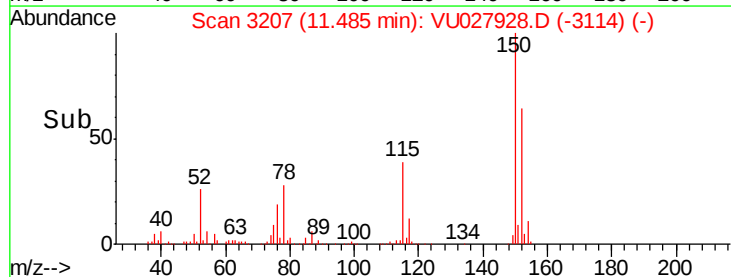
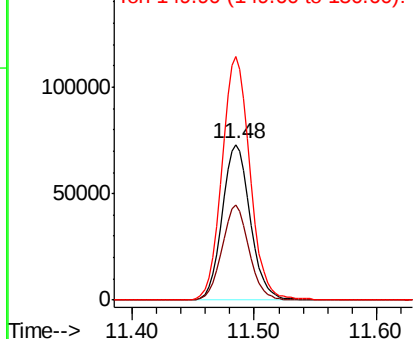


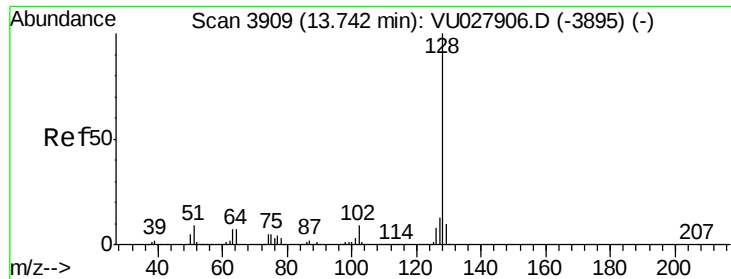
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027928.D
Acq: 02 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	43.0	129.0
150	156.0	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





#95
Naphthalene
Concen: 2.365 ug/l
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU027928.D
Acq: 02 Nov 2018 16:01

Instrument :
MSVOA_U
ClientSampleId :
NJ-GREEN

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.2	8.3	12.5

