

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111218\
 Data File : VU028072.D
 Acq On : 12 Nov 2018 18:09
 Operator : MD/SY
 Sample : J5269-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-13-D

Quant Time: Nov 13 03:51:52 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

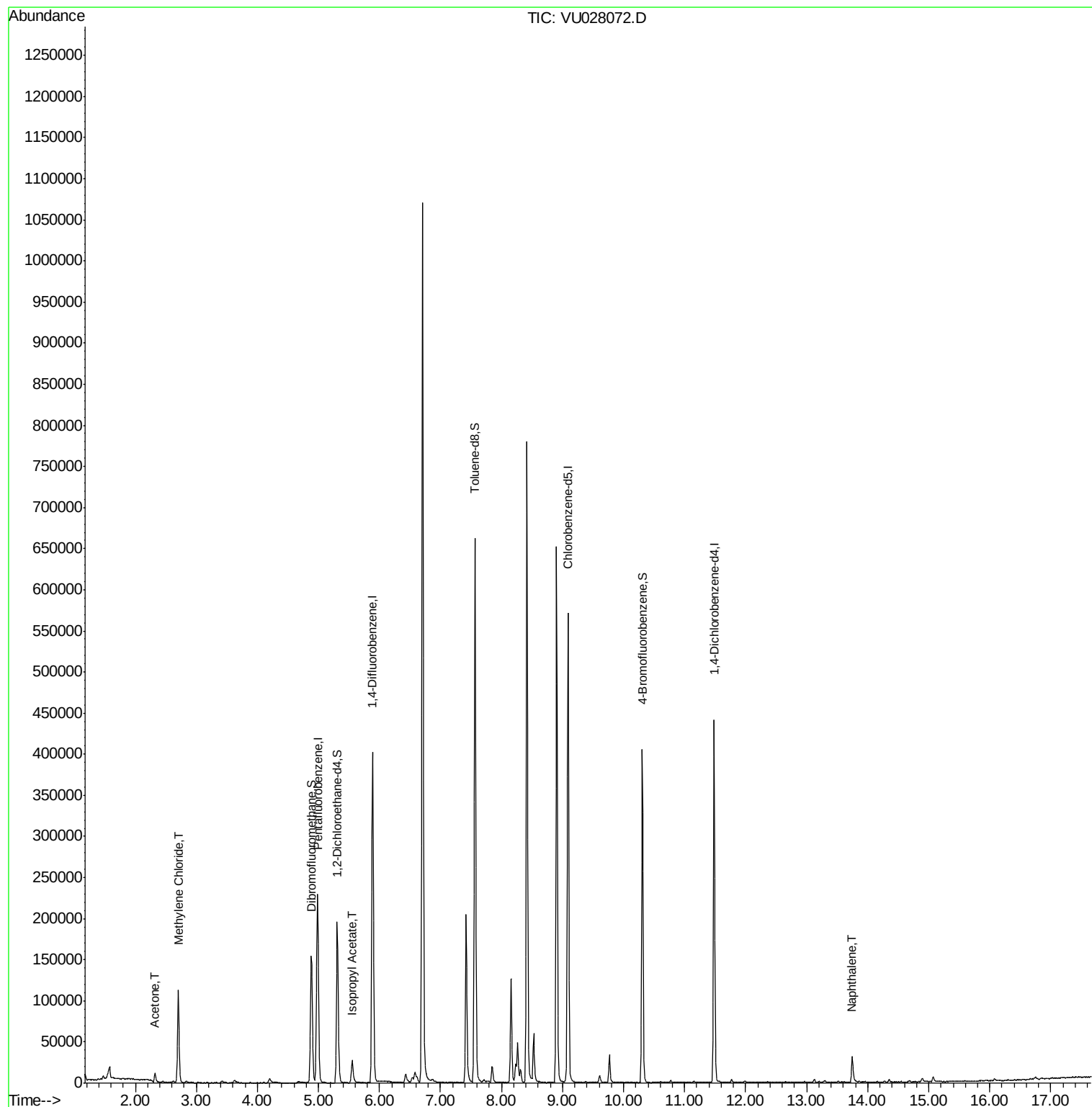
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	167840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	321197	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	106497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	147474	59.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.20%	
35) Dibromofluoromethane	4.88	113	105429	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
50) Toluene-d8	7.57	98	421260	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
62) 4-Bromofluorobenzene	10.31	95	132227	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.64%	
Target Compounds						
16) Acetone	2.32	43	11526	7.445	ug/l	98
20) Methylene Chloride	2.70	84	47252	20.903	ug/l	99
43) Isopropyl Acetate	5.55	43	33584	4.349	ug/l	99
95) Naphthalene	13.75	128	29422	3.198	ug/l	99

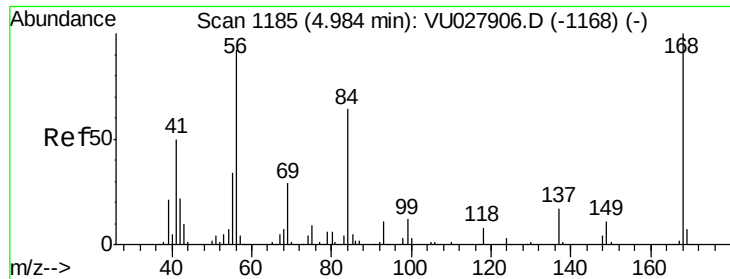
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028072.D

Acq: 12 Nov 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

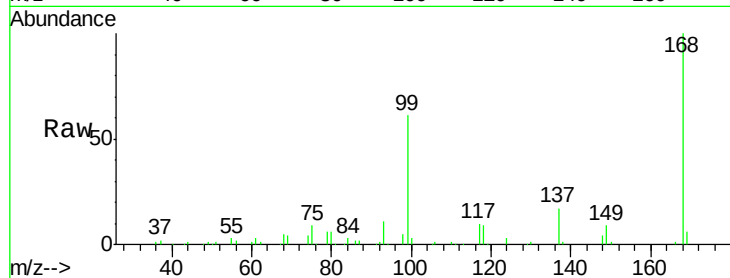
SB-13-D

Tgt Ion:168 Resp: 167840

Ion Ratio Lower Upper

168 100

99 61.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU028072.D (-1092) (-)

Ion 98.90 (98.60 to 99.60): VU028072.D (-1092) (-)

4.99

80000

60000

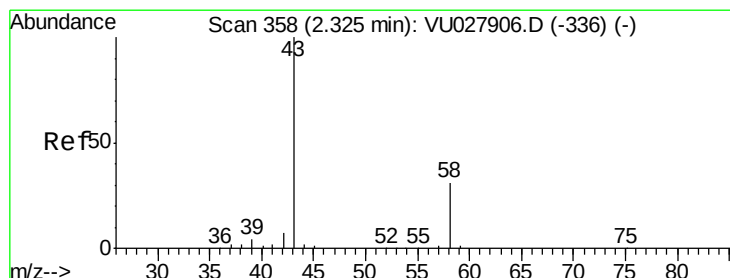
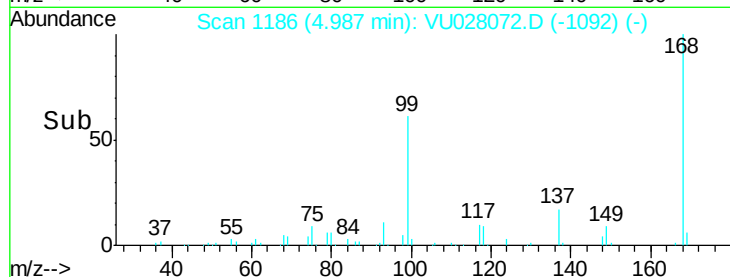
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 7.445 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028072.D

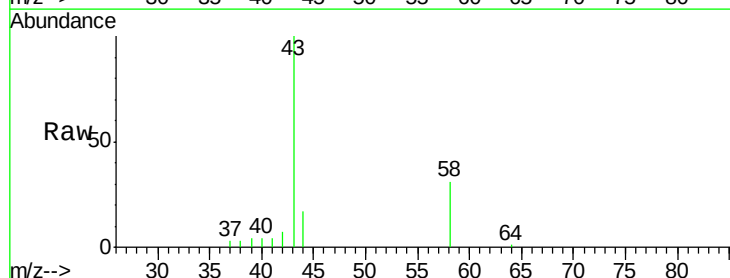
Acq: 12 Nov 2018 18:09

Tgt Ion: 43 Resp: 11526

Ion Ratio Lower Upper

43 100

58 32.0 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028072.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU028072.D (-265) (-)

2.32

8000

6000

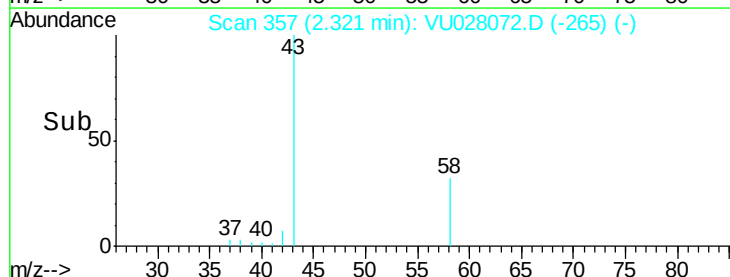
4000

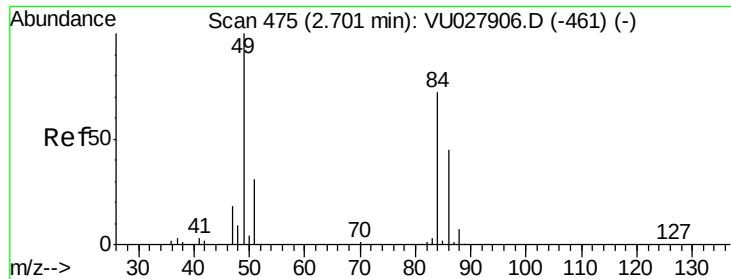
2000

0

2.30 2.35

Time-->

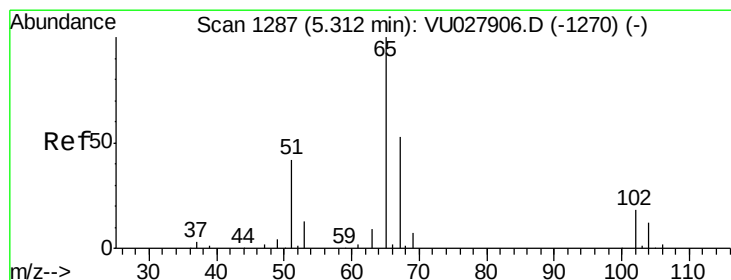
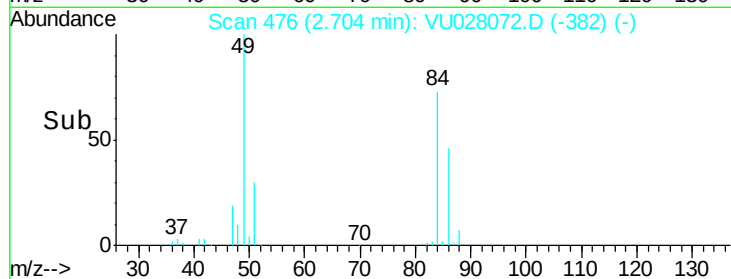
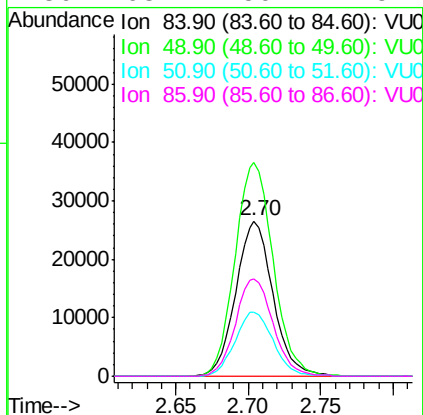
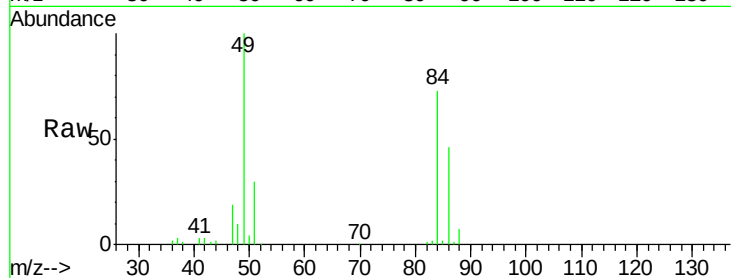




#20
Methylene Chloride
Concen: 20.903 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028072.D
Acq: 12 Nov 2018 18:09

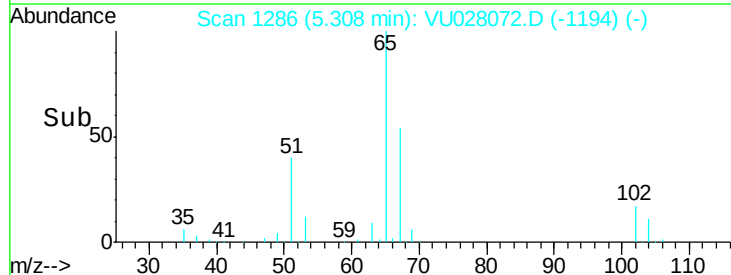
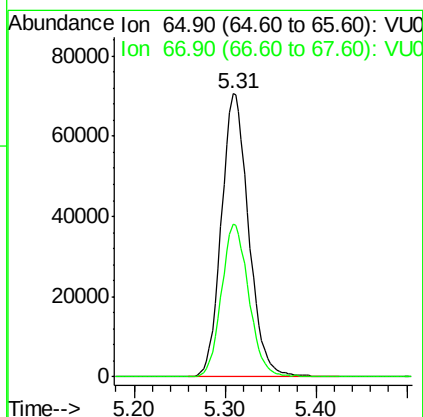
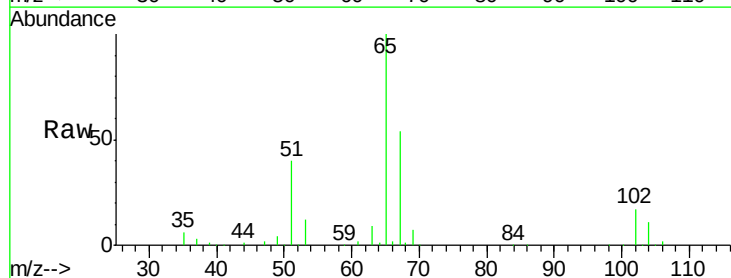
Instrument :
MSVOA_U
ClientSampleId :
SB-13-D

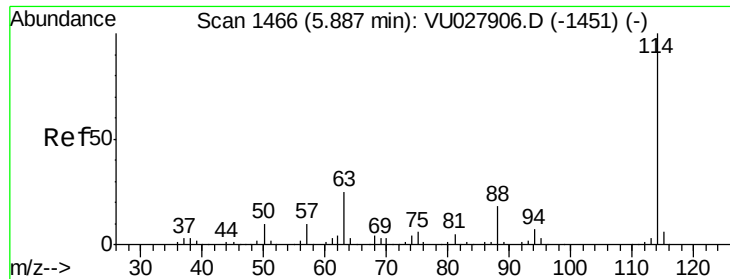
Tgt Ion:	84	Resp:	47252
Ion	Ratio	Lower	Upper
84	100		
49	137.8	111.6	167.4
51	41.7	34.8	52.2
86	63.2	50.1	75.1



#33
1,2-Dichloroethane-d4
Concen: 59.099 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028072.D
Acq: 12 Nov 2018 18:09

Tgt Ion:	65	Resp:	147474
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VU028072.D

Acq: 12 Nov 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

SB-13-D

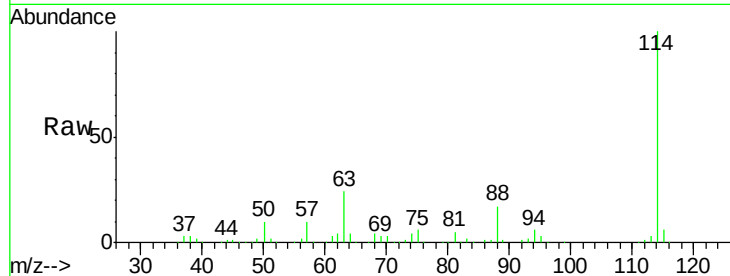
Tgt Ion:114 Resp: 321197

Ion Ratio Lower Upper

114 100

63 24.5 0.0 50.8

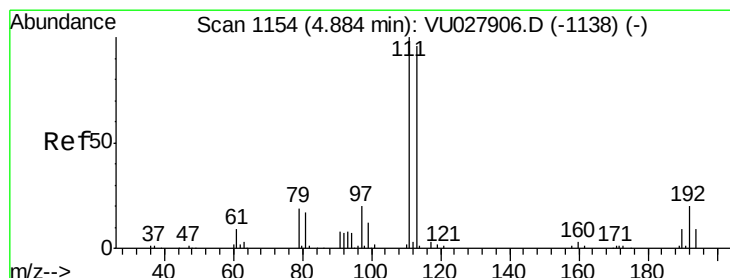
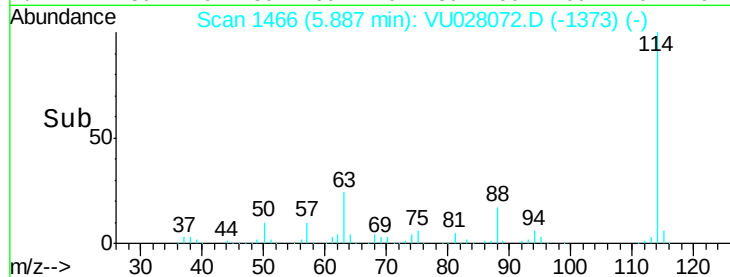
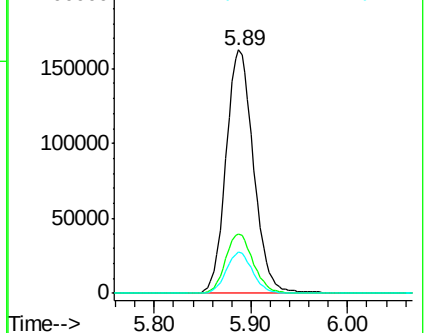
88 16.8 0.0 35.8



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: 52.059 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028072.D

Acq: 12 Nov 2018 18:09

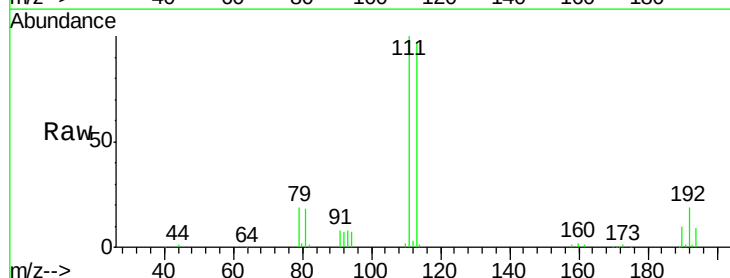
Tgt Ion:113 Resp: 105429

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.6

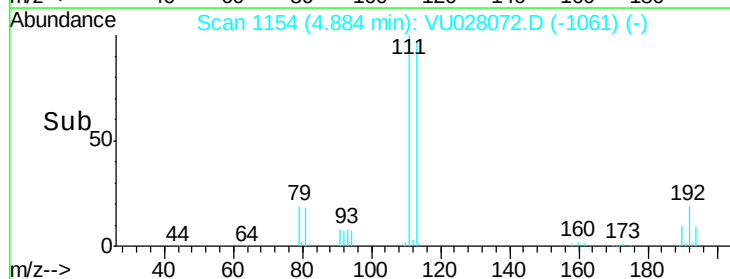
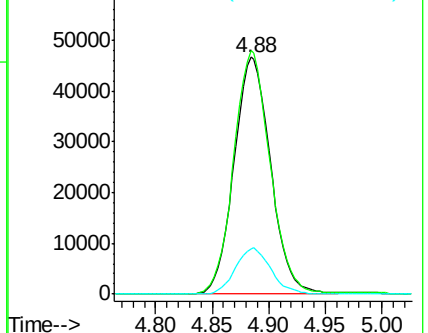
192 18.7 15.6 23.4

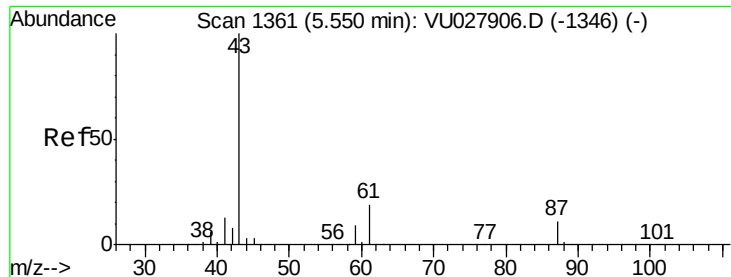


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.349 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU028072.D

Acq: 12 Nov 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

SB-13-D

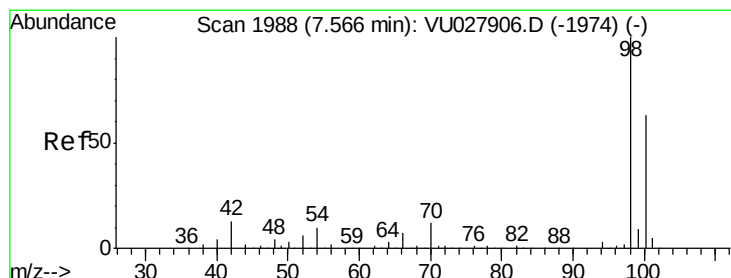
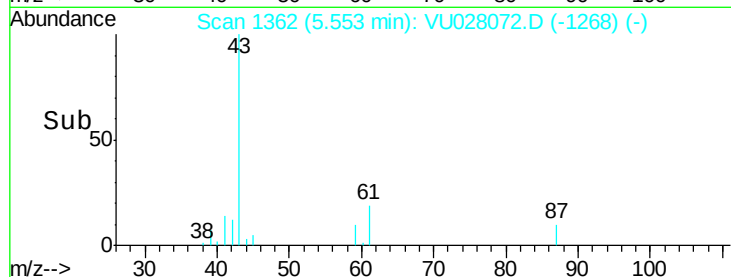
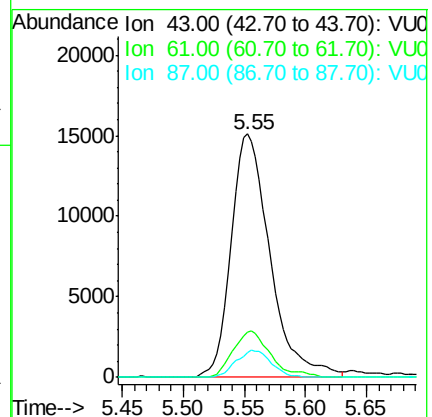
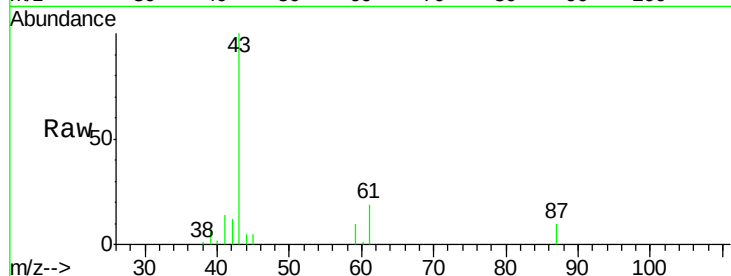
Tgt Ion: 43 Resp: 33584

Ion Ratio Lower Upper

43 100

61 18.3 15.0 22.4

87 9.9 8.6 12.8



#50

Toluene-d8

Concen: 53.848 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028072.D

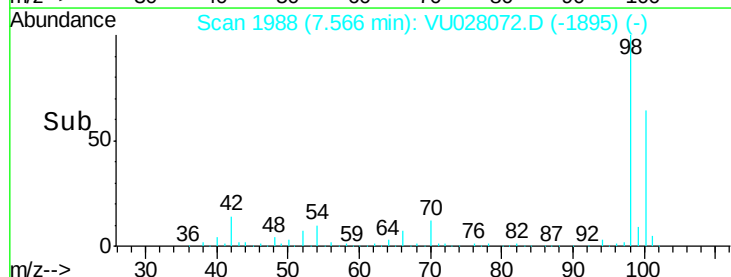
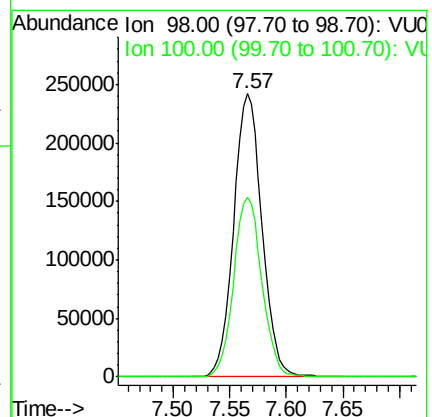
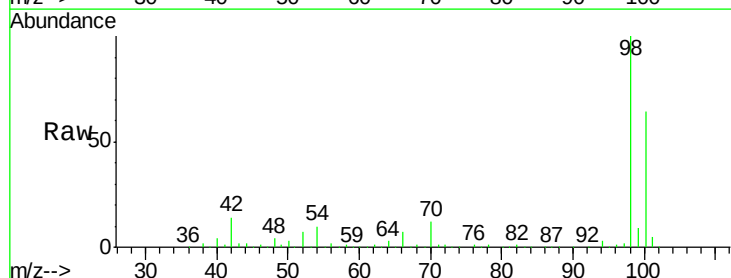
Acq: 12 Nov 2018 18:09

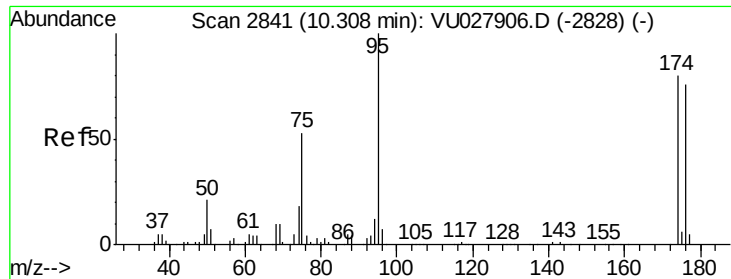
Tgt Ion: 98 Resp: 421260

Ion Ratio Lower Upper

98 100

100 63.4 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 45.824 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028072.D

Acq: 12 Nov 2018 18:09

Instrument :

MSVOA_U

ClientSampleId :

SB-13-D

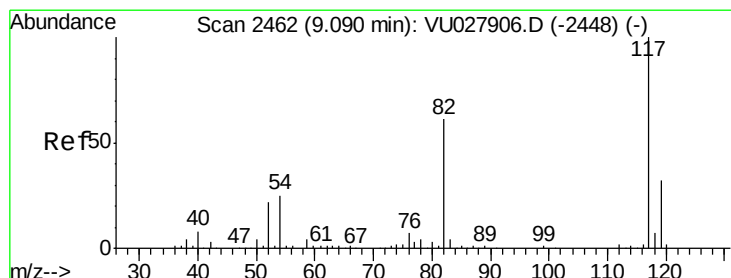
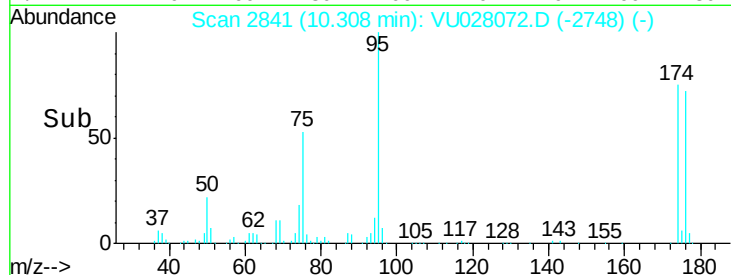
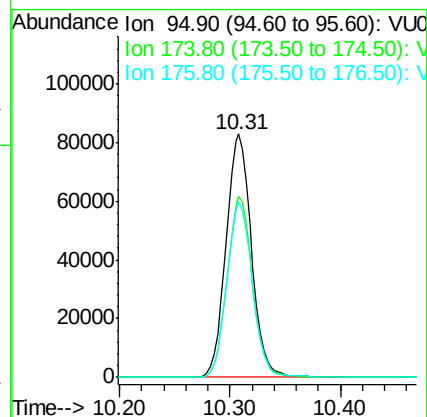
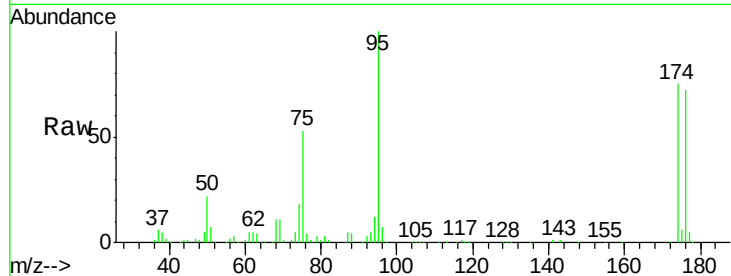
Tgt Ion: 95 Resp: 132227

Ion Ratio Lower Upper

95 100

174 74.3 0.0 156.4

176 72.4 0.0 150.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028072.D

Acq: 12 Nov 2018 18:09

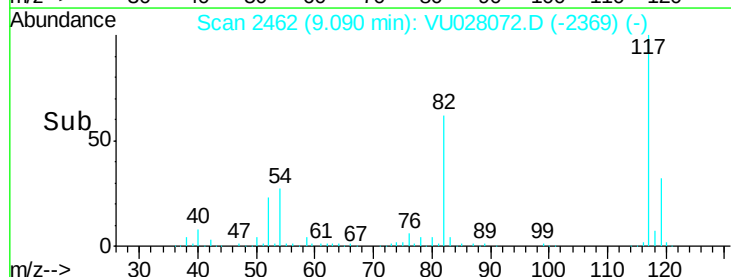
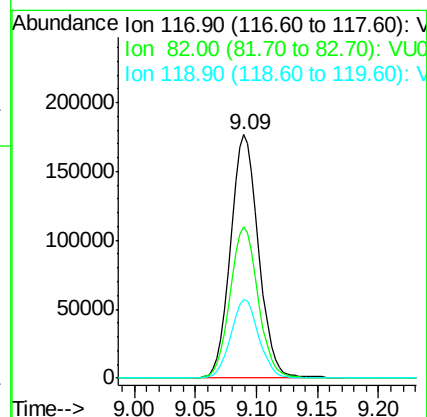
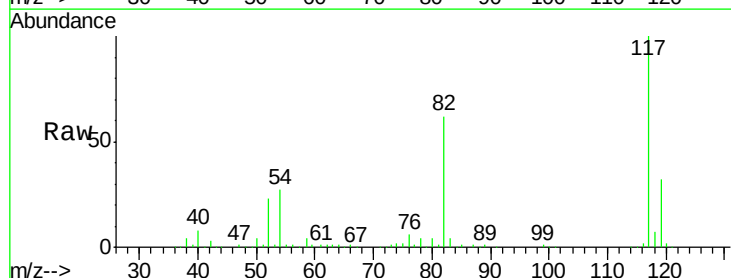
Tgt Ion: 117 Resp: 283954

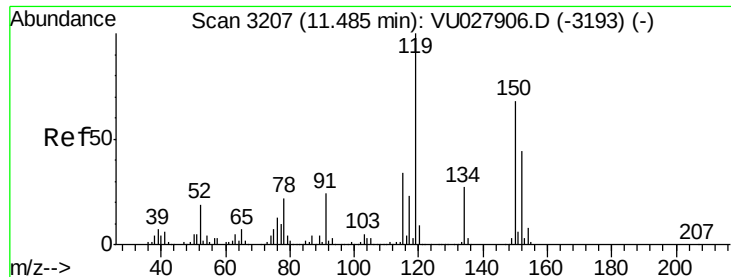
Ion Ratio Lower Upper

117 100

82 62.0 48.6 73.0

119 32.3 25.8 38.8



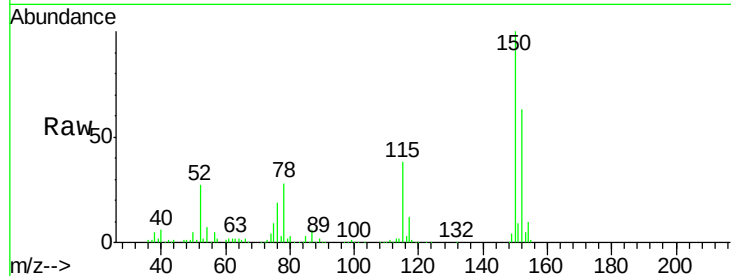


#72

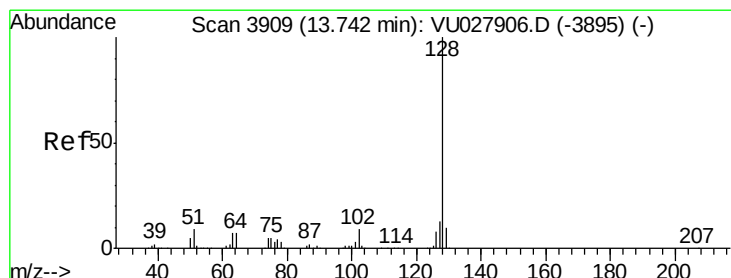
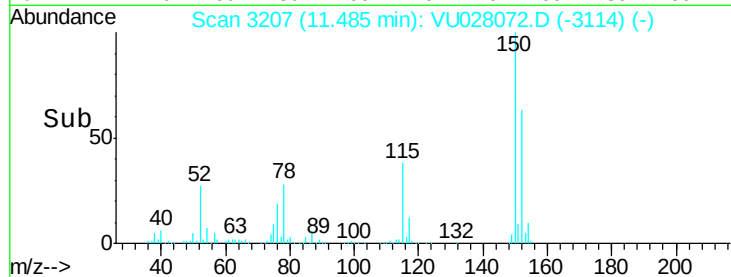
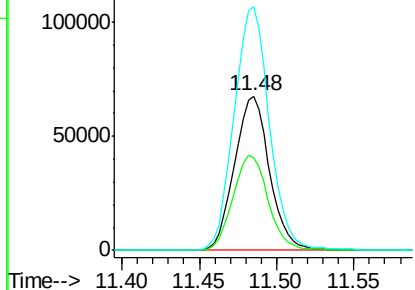
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU028072.D
Acq: 12 Nov 2018 18:09

Instrument :
MSVOA_U
ClientSampleId :
SB-13-D

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	43.0	129.0
150	159.0	0.0	349.4



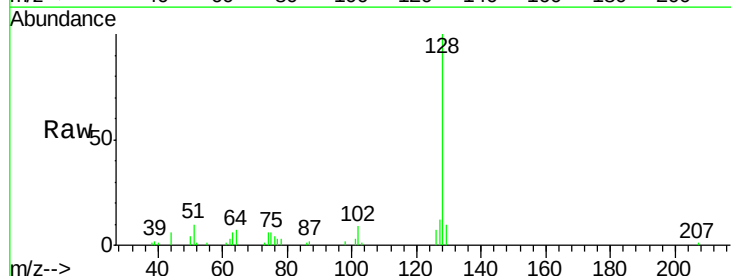
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 3.198 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU028072.D
Acq: 12 Nov 2018 18:09

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.1	8.3	12.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

