

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111218\
 Data File : VU028071.D
 Acq On : 12 Nov 2018 17:45
 Operator : MD/SY
 Sample : J5269-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-13-S

Quant Time: Nov 13 03:50:06 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

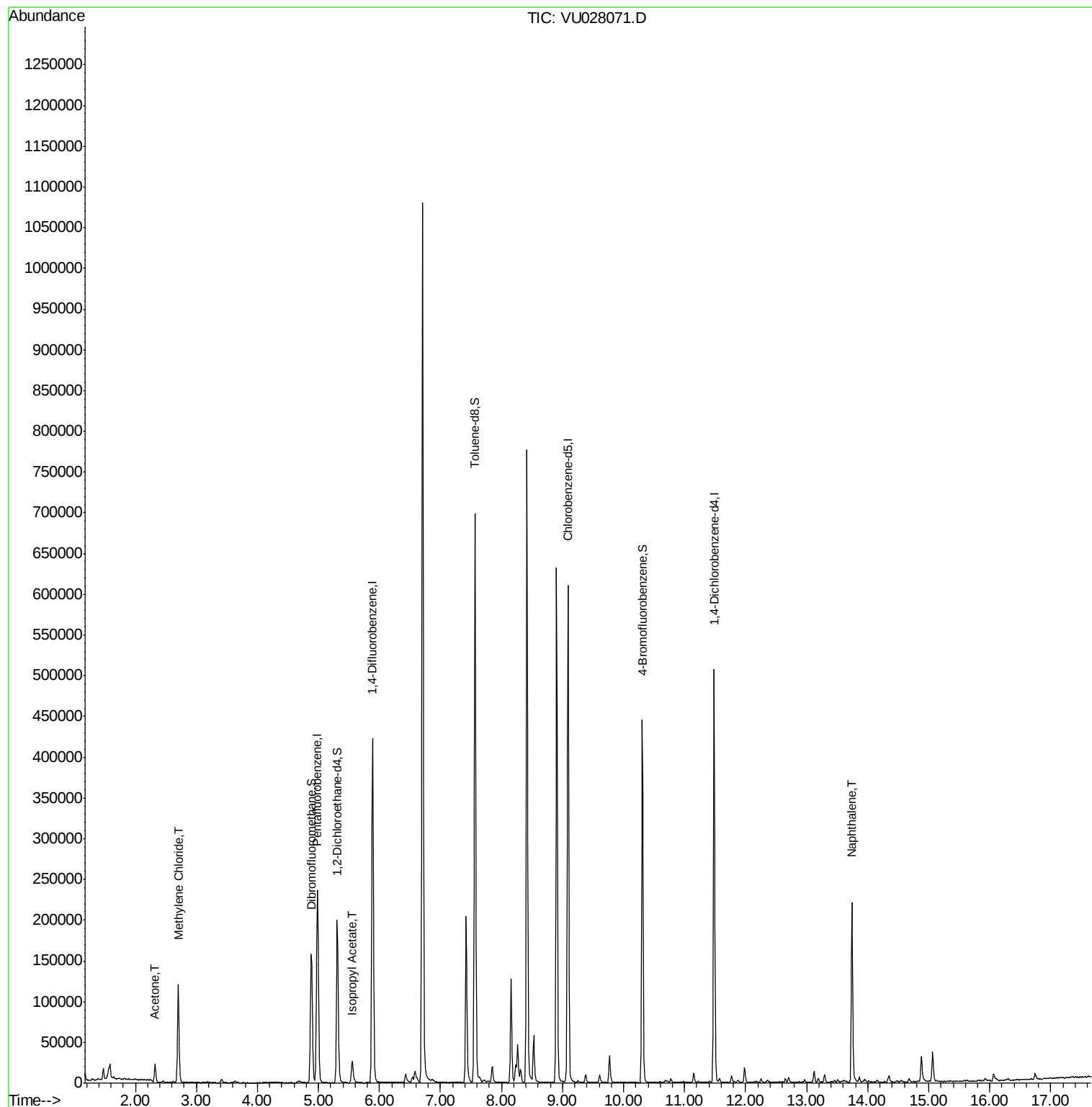
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	172401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	330065	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	304435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	121970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	153745	59.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.96%	
35) Dibromofluoromethane	4.88	113	109169	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
50) Toluene-d8	7.57	98	440441	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
62) 4-Bromofluorobenzene	10.31	95	145648	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
Target Compounds						
16) Acetone	2.32	43	23137	14.549	ug/l	97
20) Methylene Chloride	2.70	84	49043	21.122	ug/l	96
43) Isopropyl Acetate	5.56	43	34314	4.324	ug/l	99
95) Naphthalene	13.74	128	169020	16.773	ug/l	99

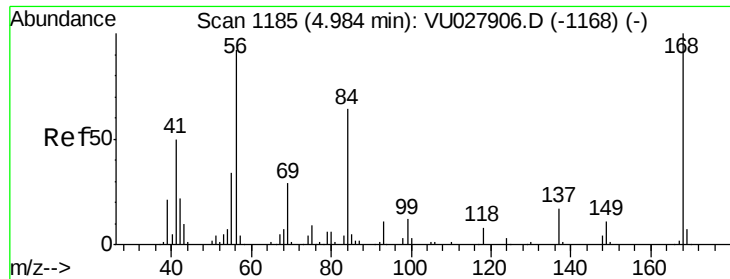
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028071.D

Acq: 12 Nov 2018 17:45

Instrument :

MSVOA_U

ClientSampleId :

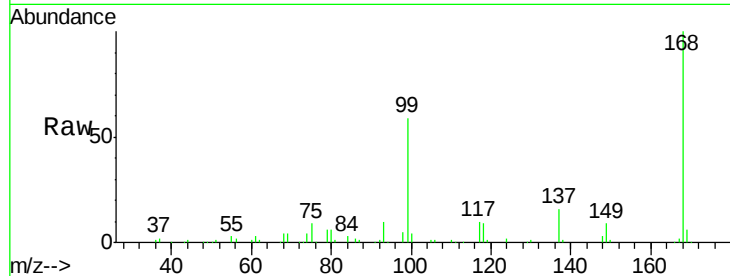
SB-13-S

Tgt Ion:168 Resp: 172401

Ion Ratio Lower Upper

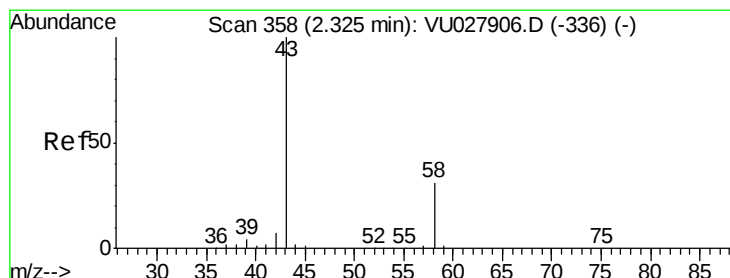
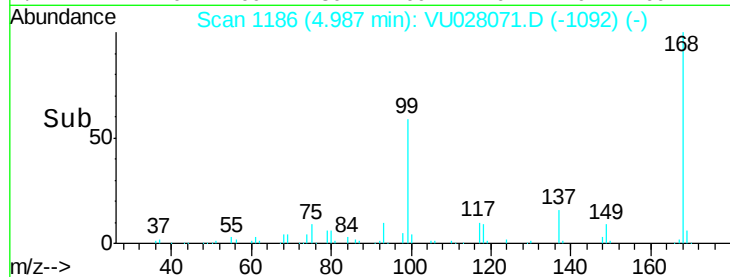
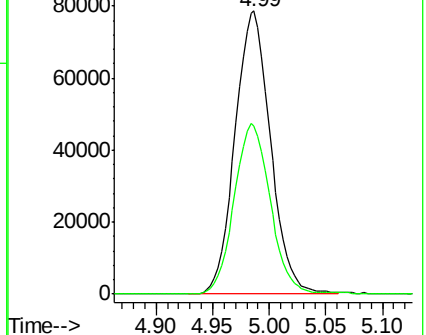
168 100

99 59.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU028071.D (-1092) (-)

Ion 98.90 (98.60 to 99.60): VU028071.D (-1092) (-)



#16

Acetone

Concen: 14.549 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028071.D

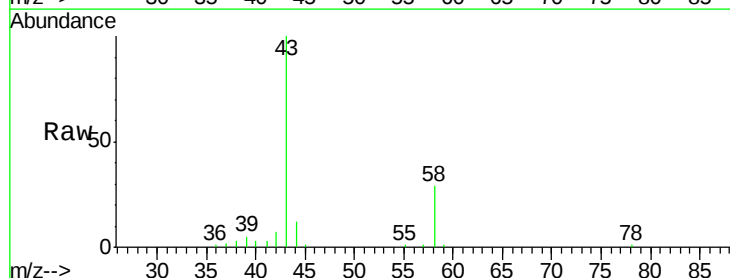
Acq: 12 Nov 2018 17:45

Tgt Ion: 43 Resp: 23137

Ion Ratio Lower Upper

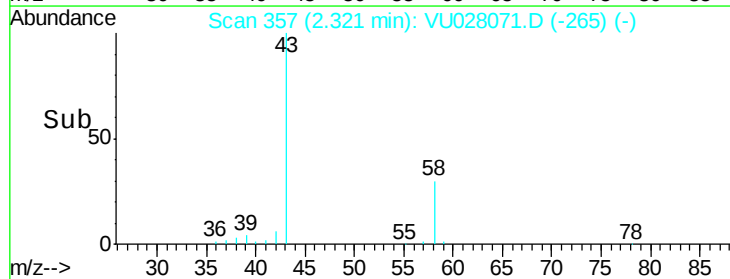
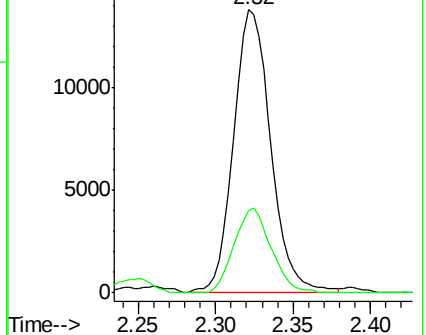
43 100

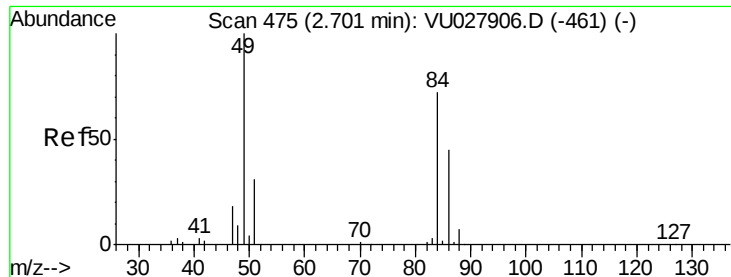
58 29.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028071.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU028071.D (-265) (-)

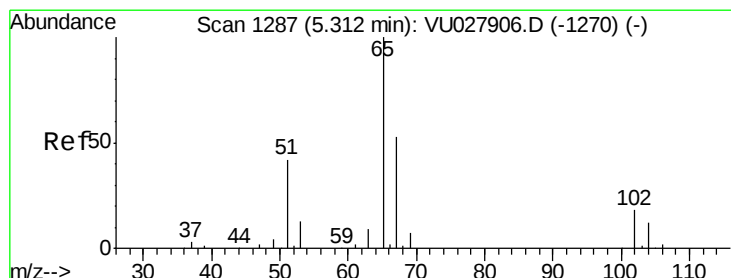
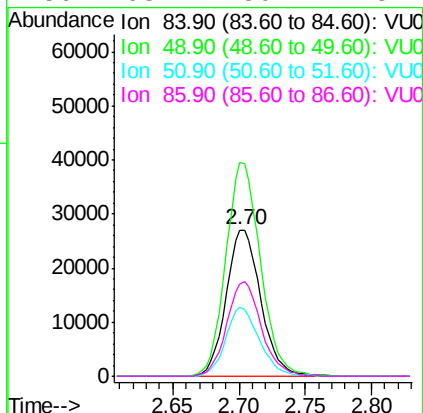
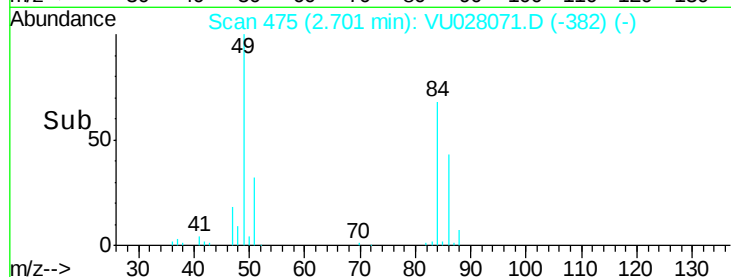
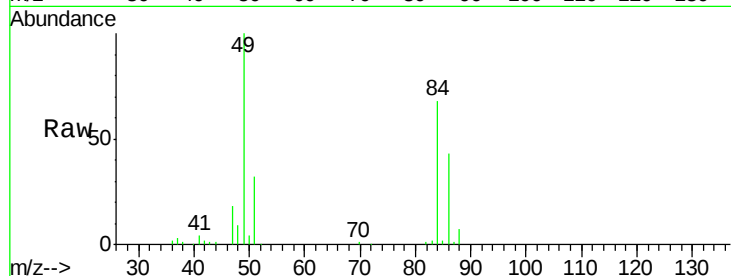




#20
Methylene Chloride
Concen: 21.122 ug/l
RT: 2.70 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU028071.D
Acq: 12 Nov 2018 17:45

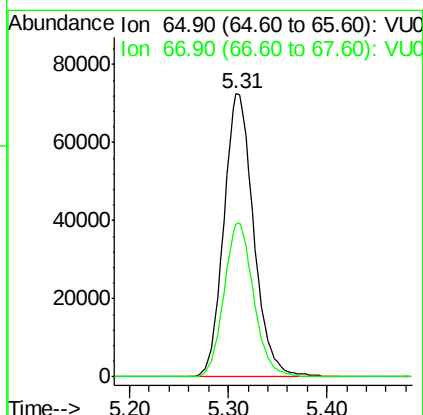
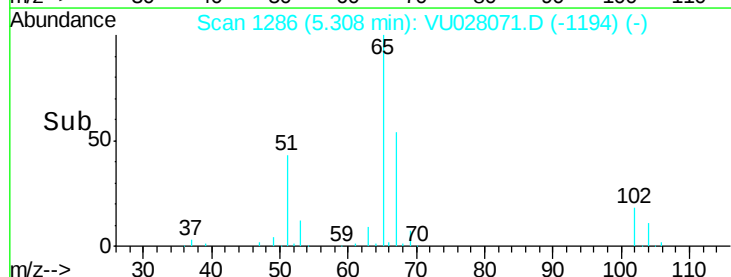
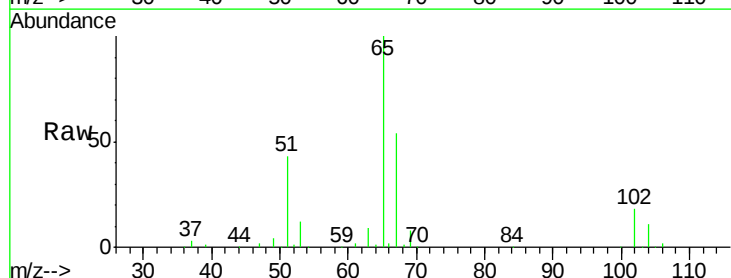
Instrument :
MSVOA_U
ClientSampleId :
SB-13-S

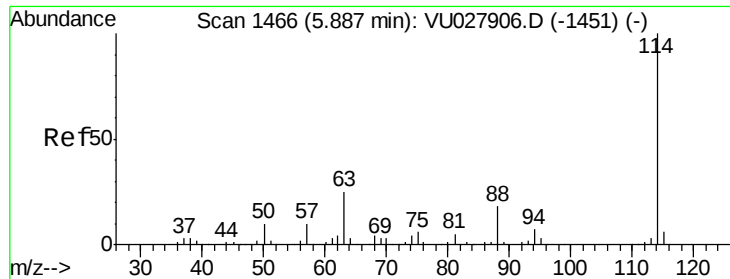
Tgt Ion: 84 Resp: 49043
Ion Ratio Lower Upper
84 100
49 146.2 111.6 167.4
51 47.1 34.8 52.2
86 63.1 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 59.982 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028071.D
Acq: 12 Nov 2018 17:45

Tgt Ion: 65 Resp: 153745
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0

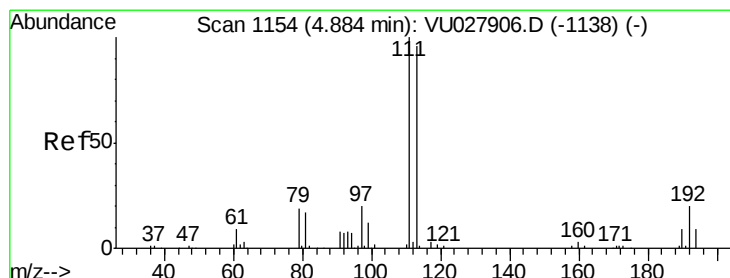
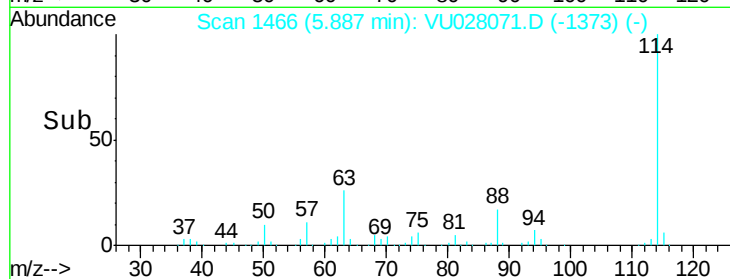
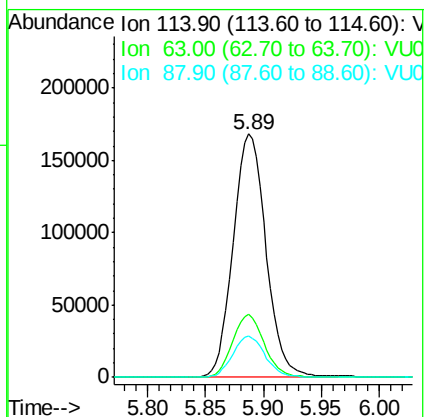
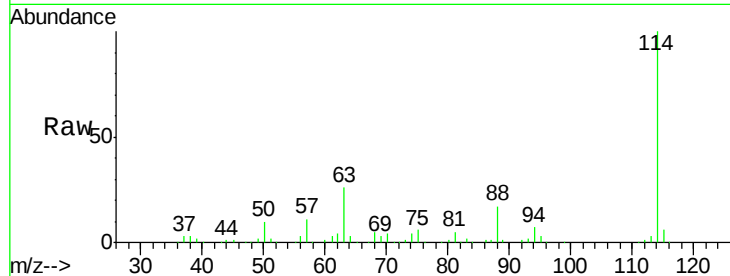




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028071.D
 Acq: 12 Nov 2018 17:45

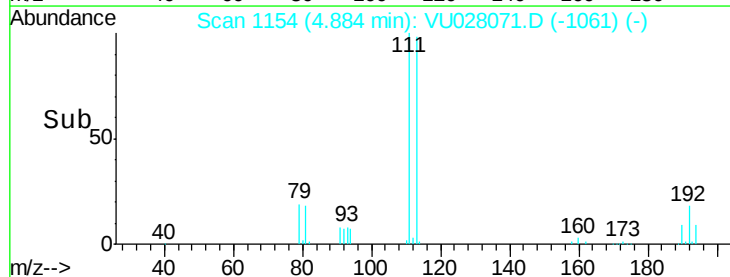
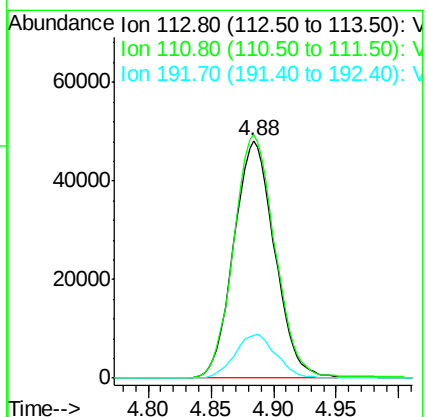
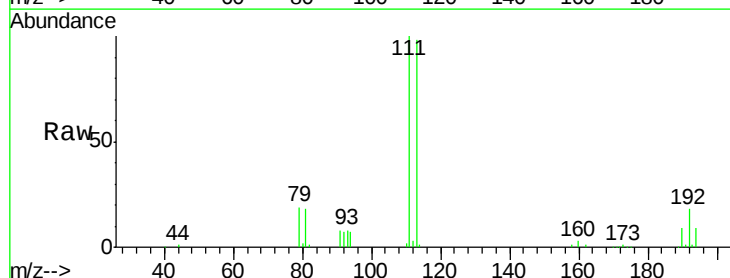
Instrument :
 MSVOA_U
 ClientSampleId :
 SB-13-S

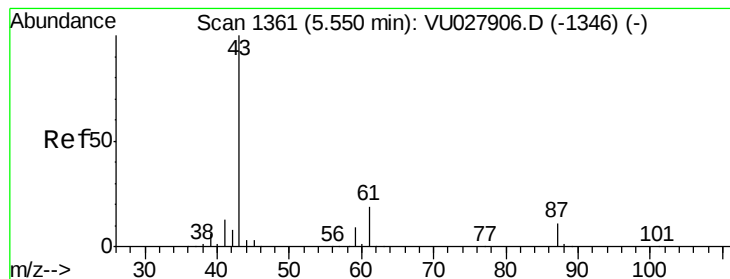
Tgt Ion:114 Resp: 330065
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 50.8
 88 16.9 0.0 35.8



#35
 Dibromofluoromethane
 Concen: 52.457 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028071.D
 Acq: 12 Nov 2018 17:45

Tgt Ion:113 Resp: 109169
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.0 124.6
 192 18.5 15.6 23.4





#43

Isopropyl Acetate

Concen: 4.324 ug/l

RT: 5.56 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VU028071.D

Acq: 12 Nov 2018 17:45

Instrument :

MSVOA_U

ClientSampleId :

SB-13-S

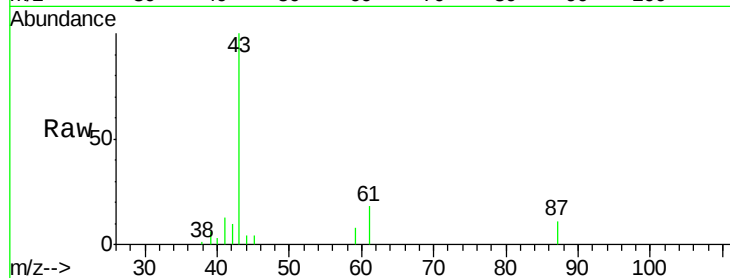
Tgt Ion: 43 Resp: 34314

Ion Ratio Lower Upper

43 100

61 18.3 15.0 22.4

87 10.0 8.6 12.8



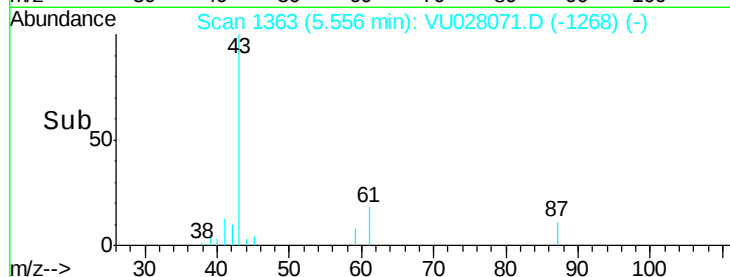
Abundance Ion 43.00 (42.70 to 43.70): VU028071.D (-1268) (-)

Ion 61.00 (60.70 to 61.70): VU028071.D (-1268) (-)

Ion 87.00 (86.70 to 87.70): VU028071.D (-1268) (-)

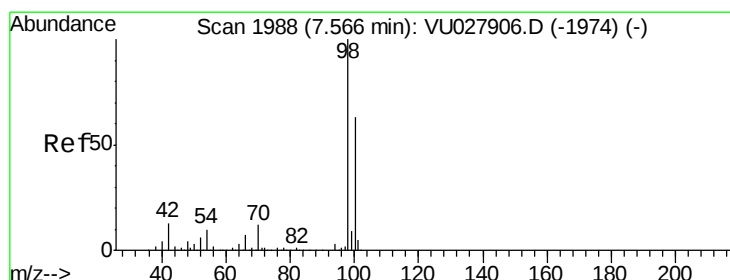
5.56

Time-->



5.56

Time-->



#50

Toluene-d8

Concen: 54.787 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028071.D

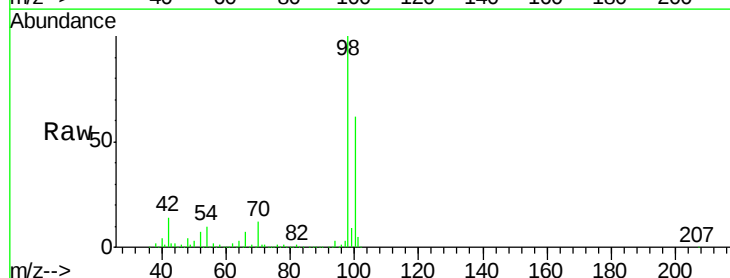
Acq: 12 Nov 2018 17:45

Tgt Ion: 98 Resp: 440441

Ion Ratio Lower Upper

98 100

100 62.5 50.1 75.1

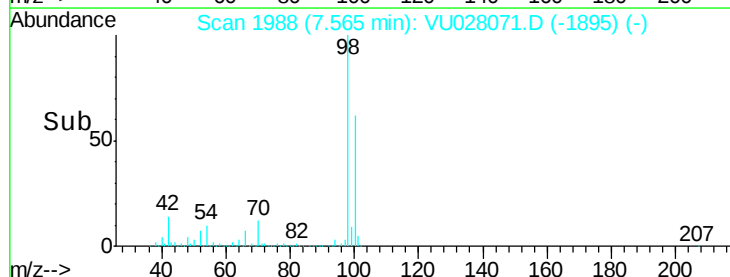


Abundance Ion 98.00 (97.70 to 98.70): VU028071.D (-1895) (-)

Ion 100.00 (99.70 to 100.70): VU028071.D (-1895) (-)

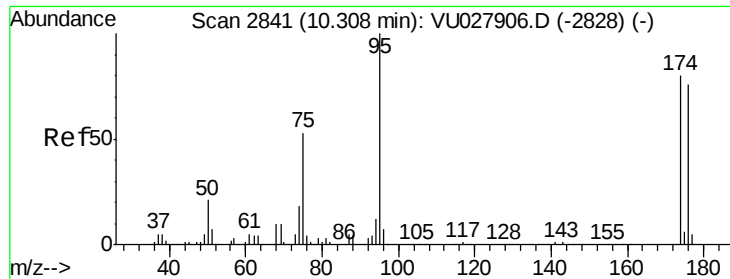
7.57

Time-->



7.57

Time-->



#62

4-Bromofluorobenzene

Concen: 49.119 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028071.D

Acq: 12 Nov 2018 17:45

Instrument :

MSVOA_U

ClientSampleId :

SB-13-S

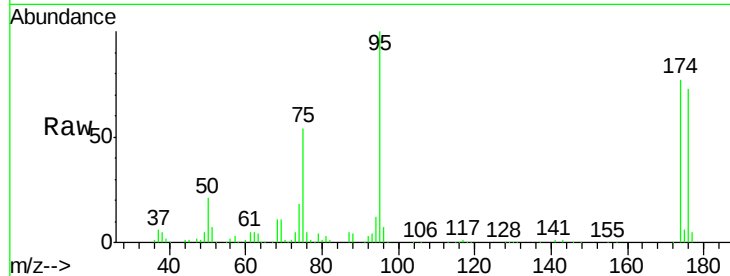
Tgt Ion: 95 Resp: 145648

Ion Ratio Lower Upper

95 100

174 76.8 0.0 156.4

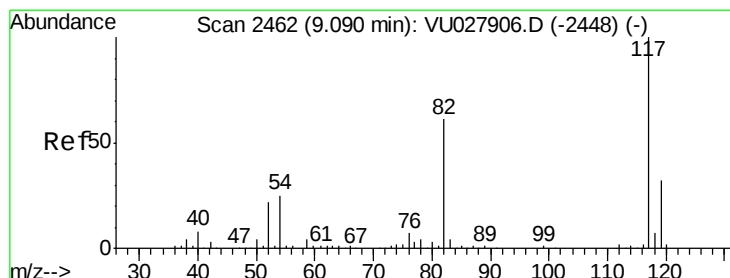
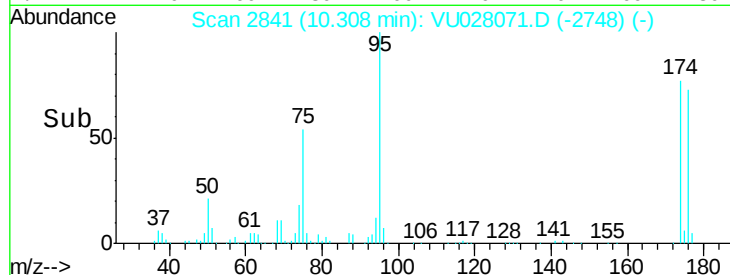
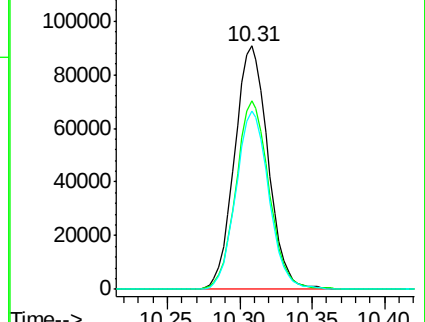
176 72.4 0.0 150.8



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: VU028071.D

Acq: 12 Nov 2018 17:45

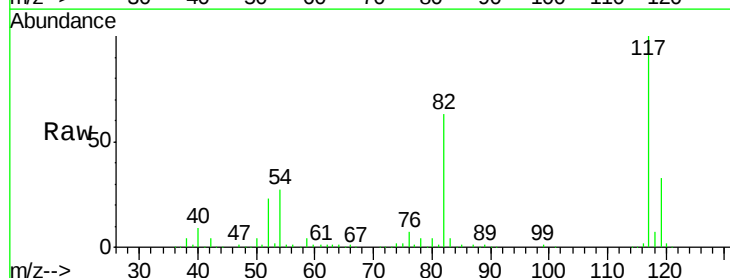
Tgt Ion: 117 Resp: 304435

Ion Ratio Lower Upper

117 100

82 62.7 48.6 73.0

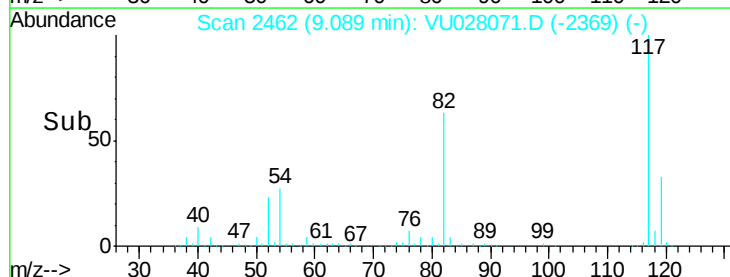
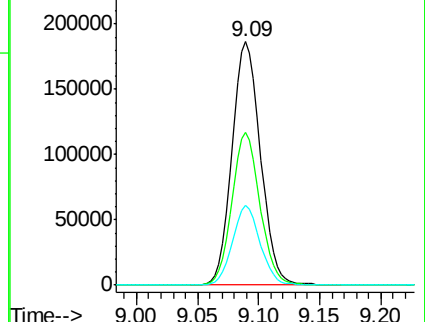
119 32.5 25.8 38.8

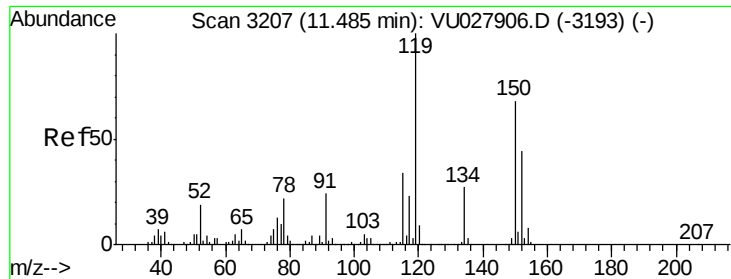


Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)

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# 3206

Delta R.T. -0.00 min

Lab File: VU028071.D

Acq: 12 Nov 2018 17:45

Instrument :

MSVOA_U

ClientSampleId :

SB-13-S

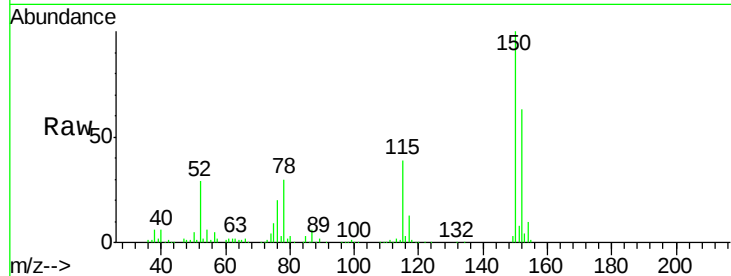
Tgt Ion:152 Resp: 121970

Ion Ratio Lower Upper

152 100

115 60.4 43.0 129.0

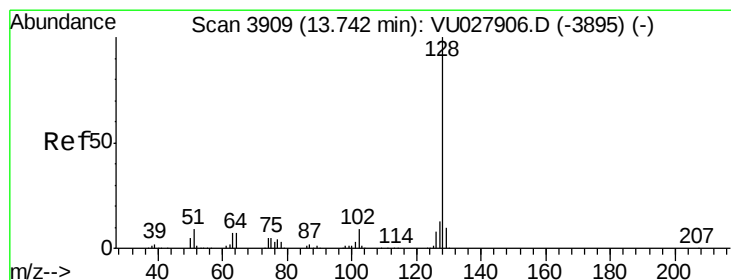
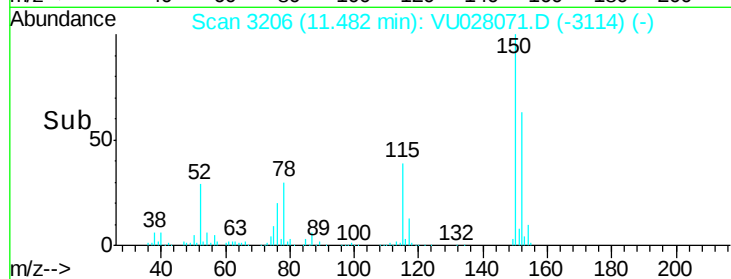
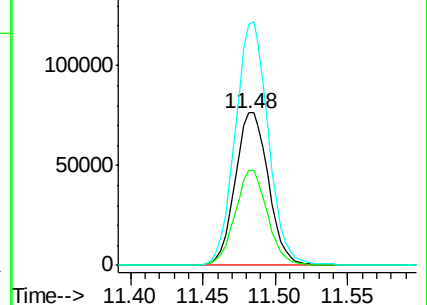
150 158.4 0.0 349.4



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: 16.773 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. -0.00 min

Lab File: VU028071.D

Acq: 12 Nov 2018 17:45

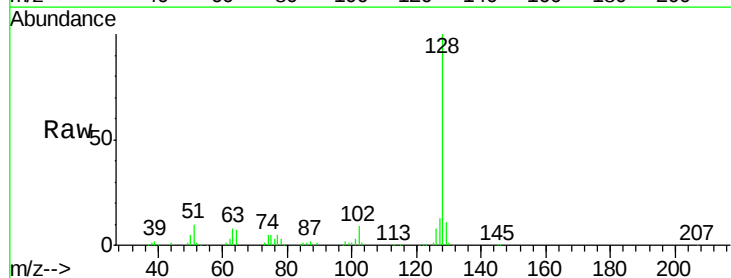
Tgt Ion:128 Resp: 169020

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 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

