

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110818\
 Data File : VU028025.D
 Acq On : 08 Nov 2018 14:51
 Operator : MD/SY
 Sample : J5858-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-8-D

Quant Time: Nov 08 15:15:24 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

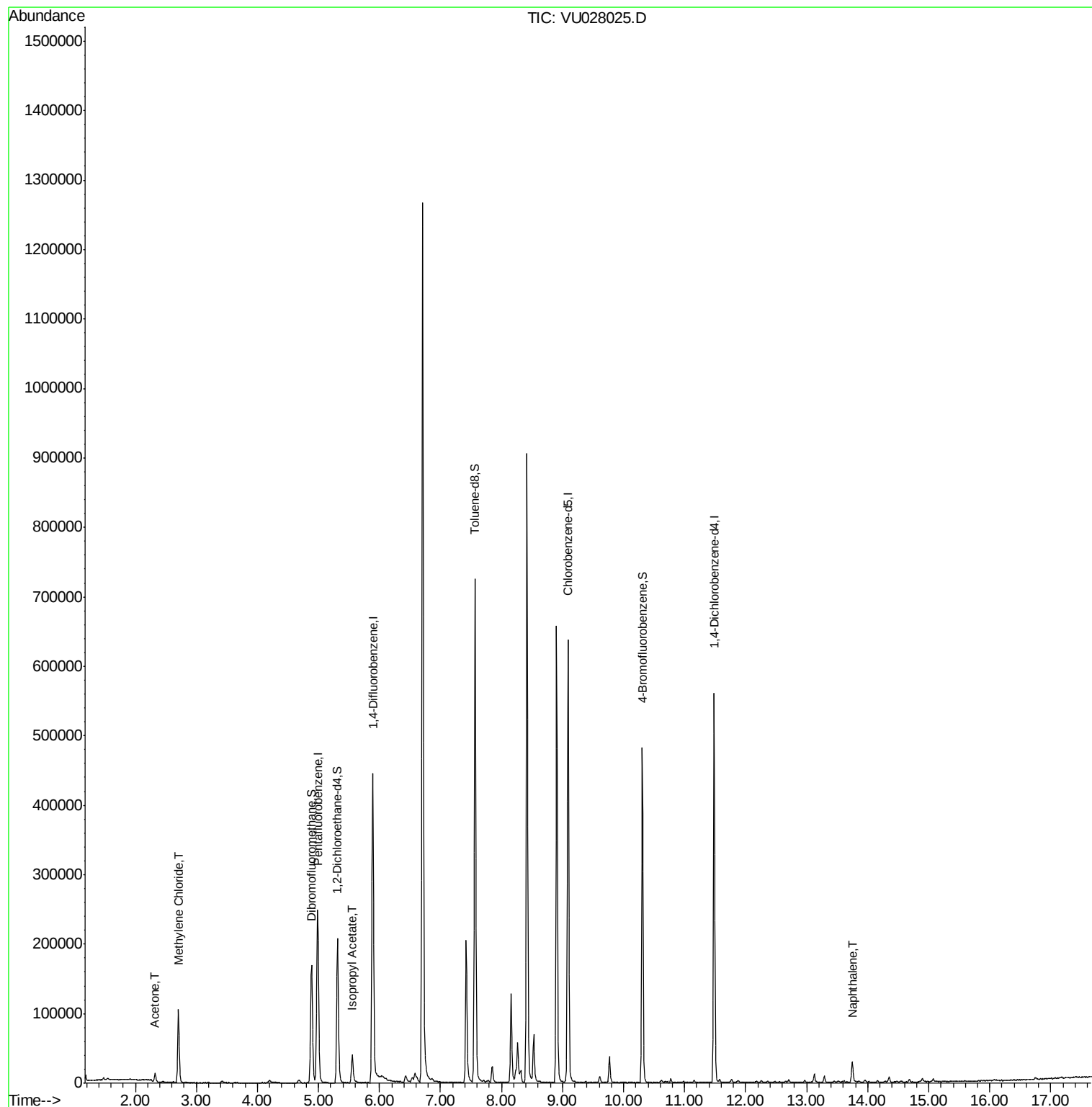
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	185162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	356467	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	328532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	139192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	159941	58.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.20%	
35) Dibromofluoromethane	4.89	113	119030	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
50) Toluene-d8	7.57	98	472072	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
62) 4-Bromofluorobenzene	10.31	95	158001	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
Target Compounds						
16) Acetone	2.32	43	14096	8.253	ug/l	92
20) Methylene Chloride	2.71	84	43960	17.628	ug/l	97
43) Isopropyl Acetate	5.55	43	50735	5.920	ug/l	98
95) Naphthalene	13.75	128	27780	2.260	ug/l	97

(#) = 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: VU028025.D

Acq: 08 Nov 2018 14:51

Instrument :

MSVOA_U

ClientSampled :

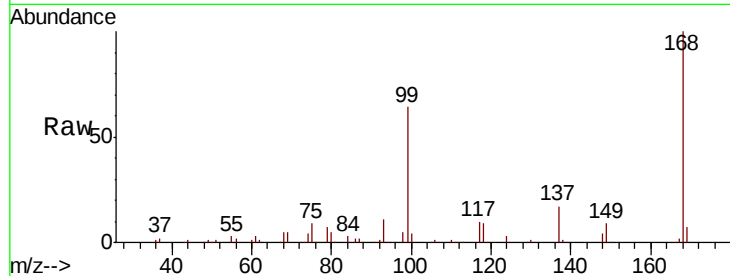
SB-8-D

Tot Ion:168 Resp: 185162

Ion Ratio Lower Upper

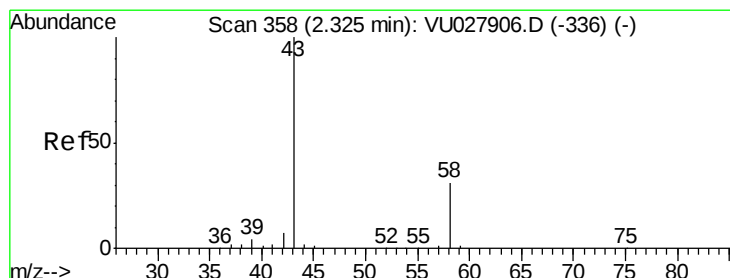
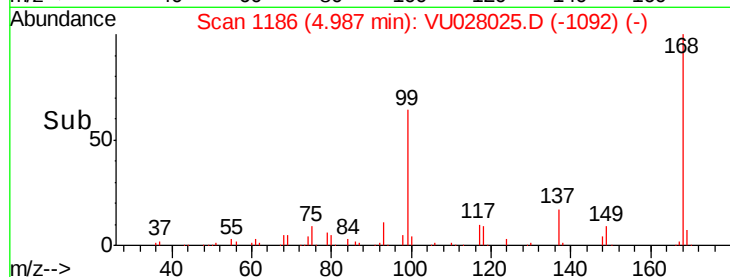
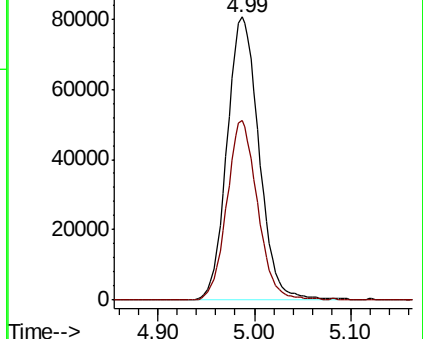
168 100

99 63.6 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU028025.D (-1092) (-)



#16

Acetone

Concen: 8.253 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028025.D

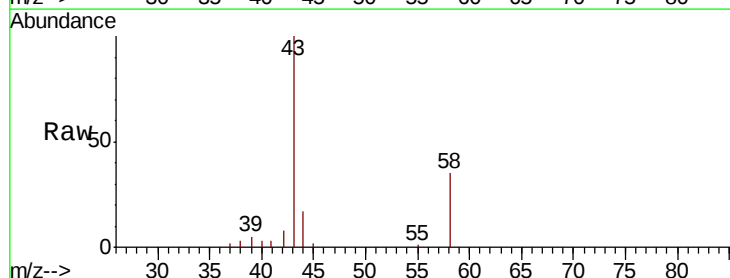
Acq: 08 Nov 2018 14:51

Tgt Ion: 43 Resp: 14096

Ion Ratio Lower Upper

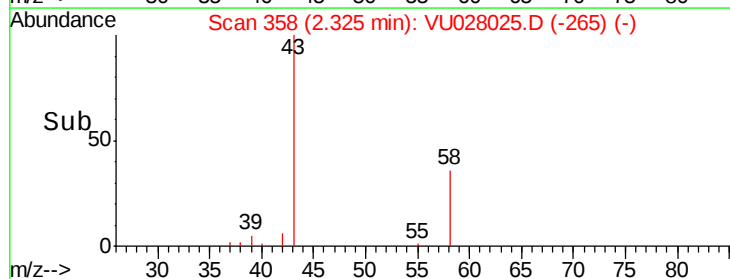
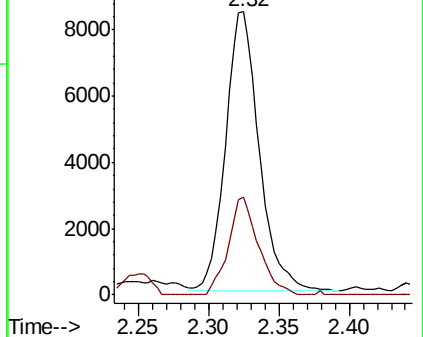
43 100

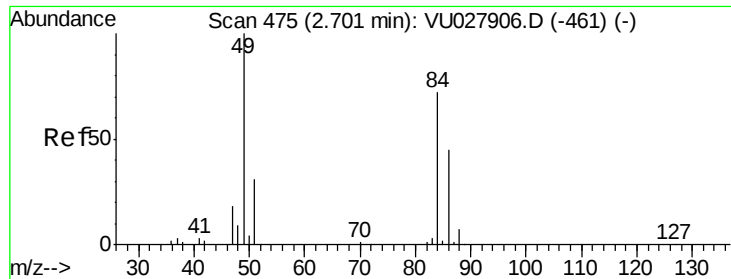
58 35.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028025.D (-265) (-)

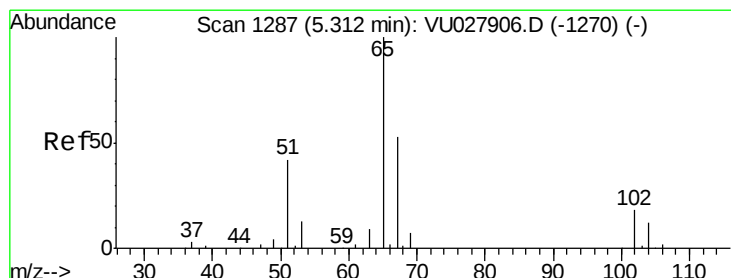
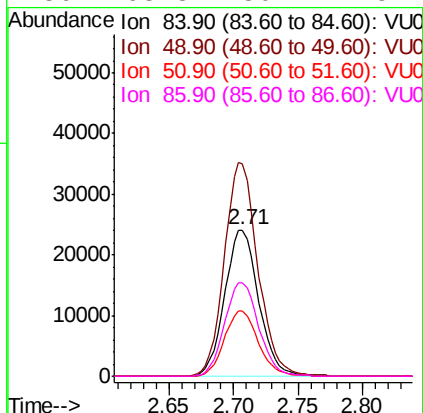
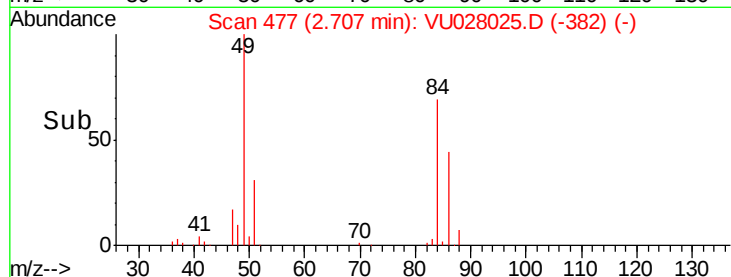
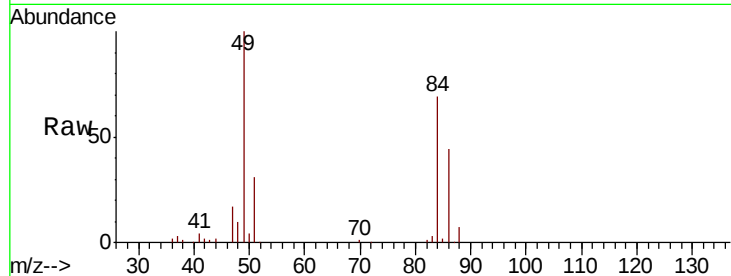




#20
Methylene Chloride
Concen: 17.628 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU028025.D
Acq: 08 Nov 2018 14:51

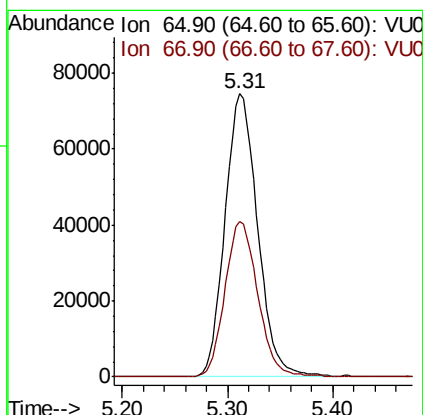
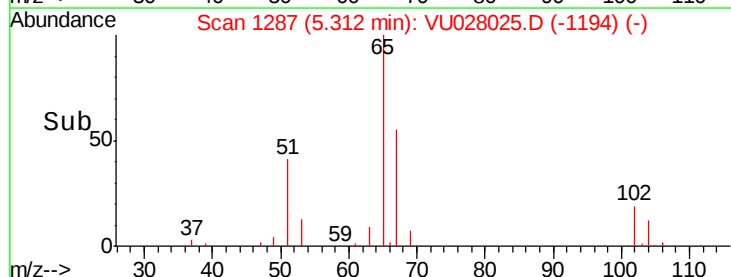
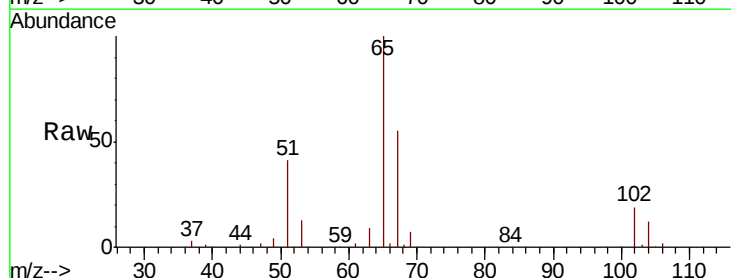
Instrument :
MSVOA_U
ClientSampled :
SB-8-D

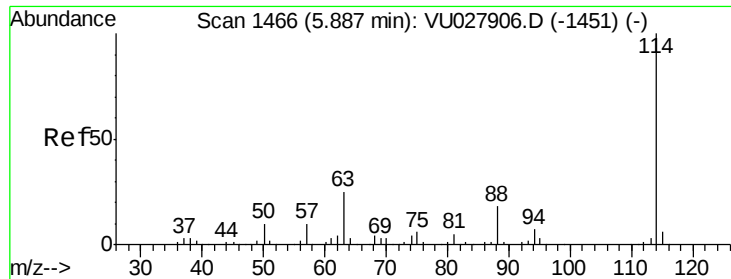
Tot Ion: 84 Resp: 43960
Ion Ratio Lower Upper
84 100
49 145.3 111.6 167.4
51 44.4 34.8 52.2
86 63.8 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 58.099 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU028025.D
Acq: 08 Nov 2018 14:51

Tgt Ion: 65 Resp: 159941
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.0

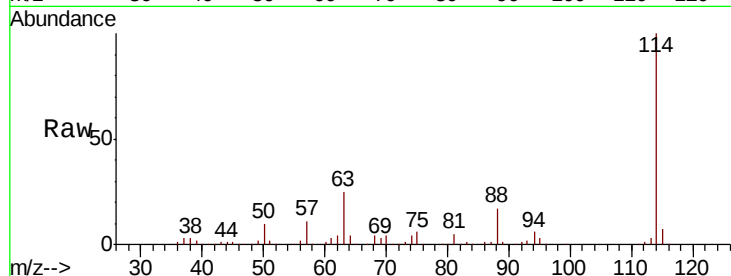




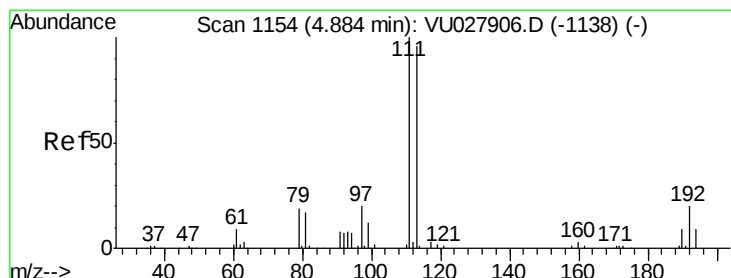
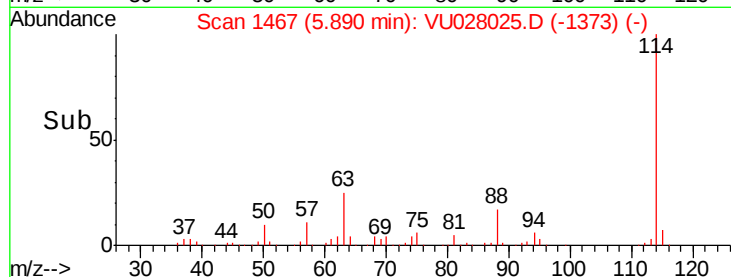
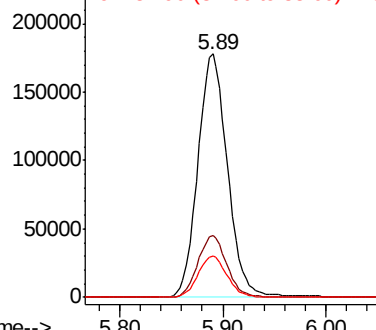
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU028025.D
Acq: 08 Nov 2018 14:51

Instrument :
MSVOA_U
ClientSampleId :
SB-8-D

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	50.8
88	16.8	0.0	35.8

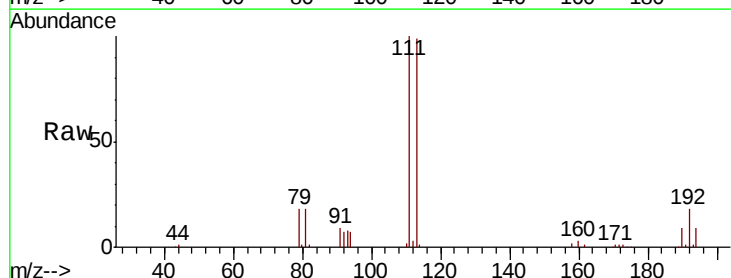


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

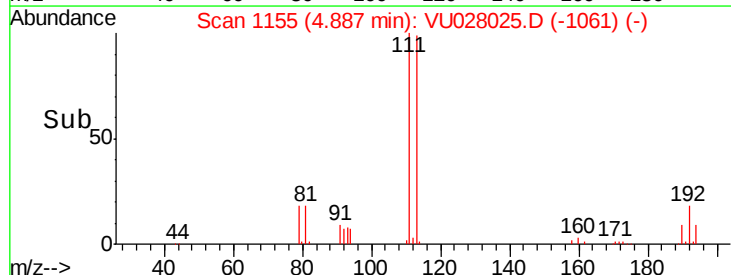
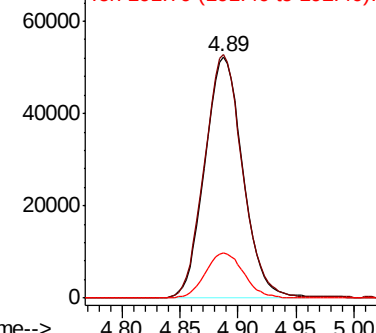


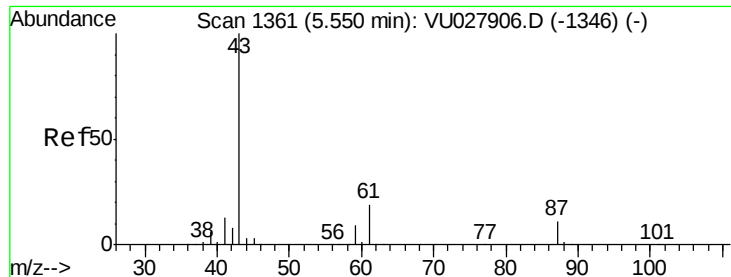
#35
Dibromofluoromethane
Concen: 52.959 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU028025.D
Acq: 08 Nov 2018 14:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.0	124.6
192	19.0	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: 5.920 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU028025.D

Acq: 08 Nov 2018 14:51

Instrument :

MSVOA_U

ClientSampleId :

SB-8-D

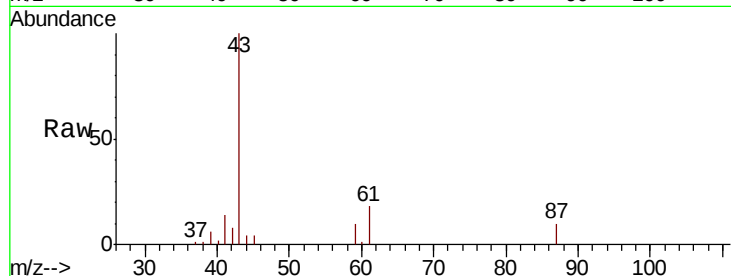
Tot Ion: 43 Resp: 50735

Ion Ratio Lower Upper

43 100

61 18.1 15.0 22.4

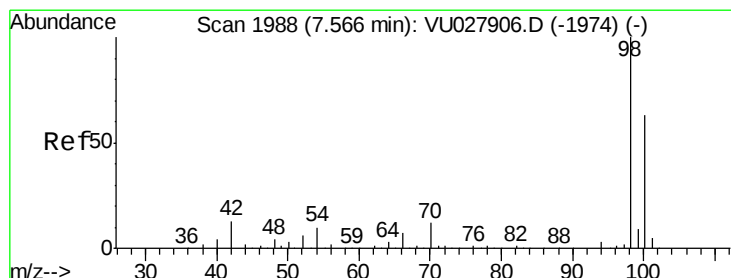
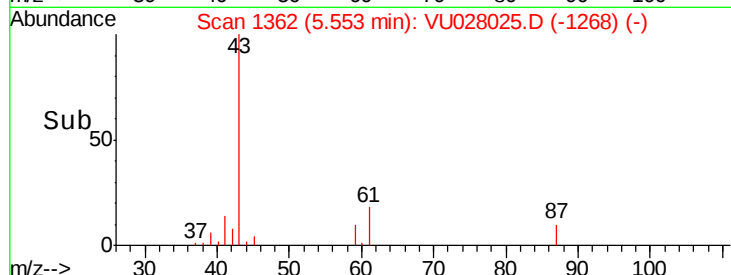
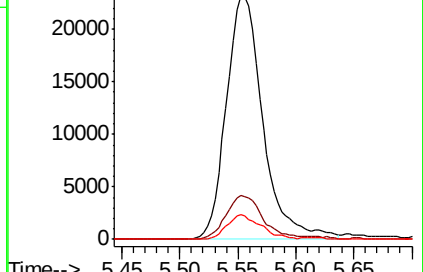
87 9.3 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1346) (-)

Ion 61.00 (60.70 to 61.70): VU027906.D (-1346) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-1346) (-)



#50

Toluene-d8

Concen: 54.372 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028025.D

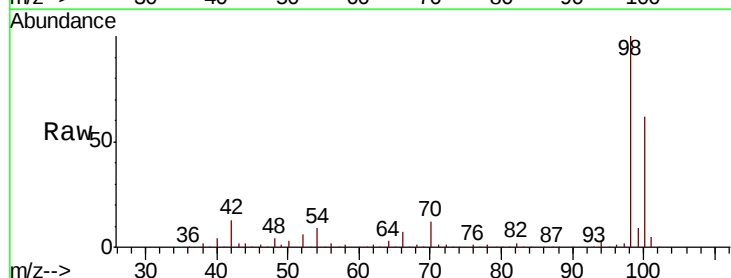
Acq: 08 Nov 2018 14:51

Tgt Ion: 98 Resp: 472072

Ion Ratio Lower Upper

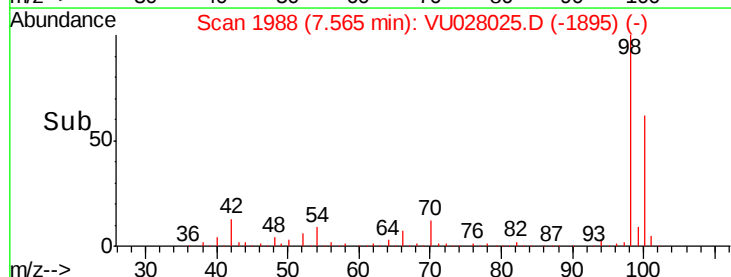
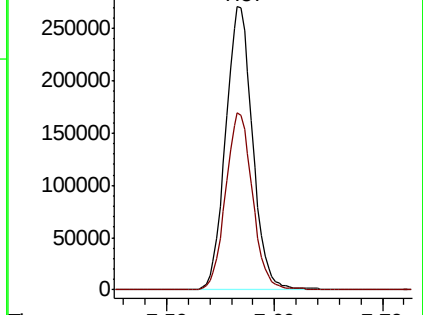
98 100

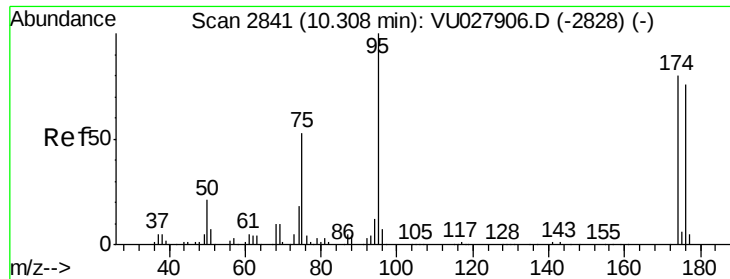
100 62.6 50.1 75.1



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

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

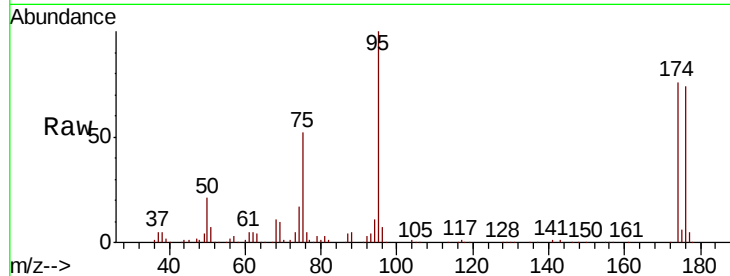




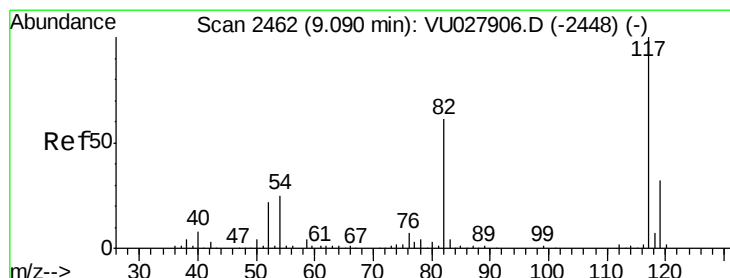
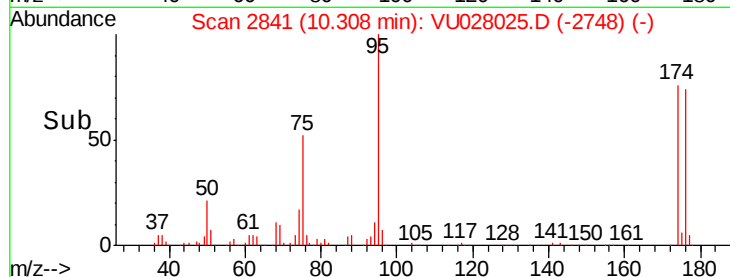
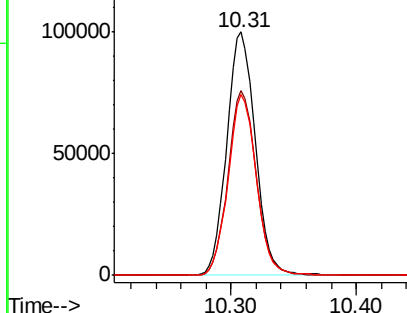
#62
4-Bromofluorobenzene
Concen: 49.339 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028025.D
Acq: 08 Nov 2018 14:51

Instrument :
MSVOA_U
ClientSampleId :
SB-8-D

Tot Ion: 95 Resp: 158001
Ion Ratio Lower Upper
95 100
174 75.6 0.0 156.4
176 73.5 0.0 150.8

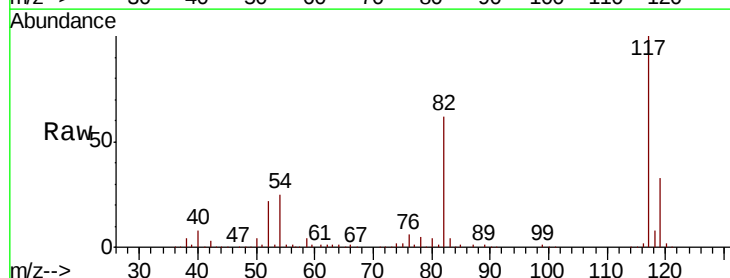


Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

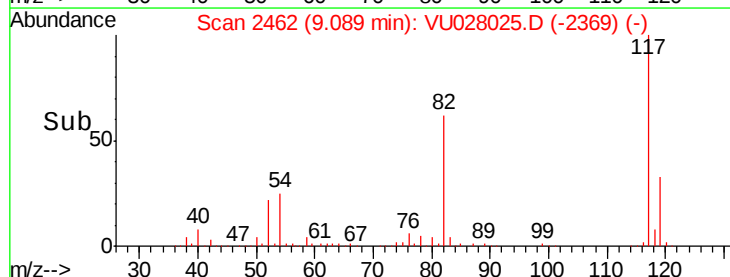
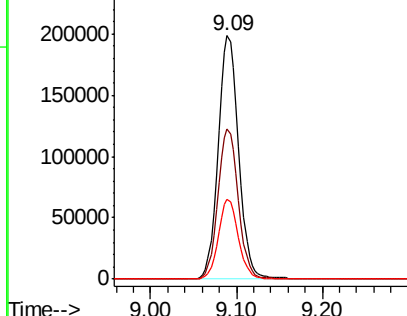


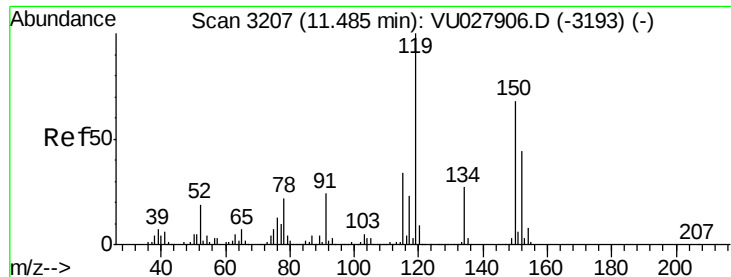
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028025.D
Acq: 08 Nov 2018 14:51

Tgt Ion: 117 Resp: 328532
Ion Ratio Lower Upper
117 100
82 61.6 48.6 73.0
119 32.6 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: VU028025.D

Acq: 08 Nov 2018 14:51

Instrument :

MSVOA_U

ClientSampleId :

SB-8-D

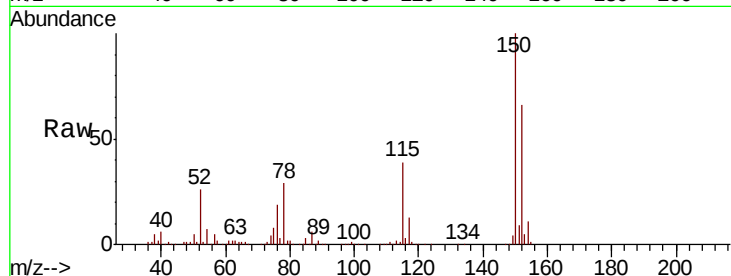
Tot Ion:152 Resp: 139192

Ion Ratio Lower Upper

152 100

115 60.1 43.0 129.0

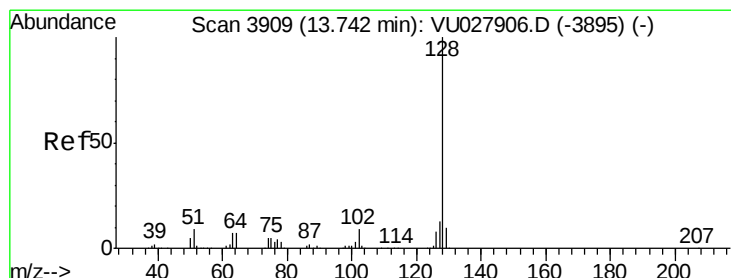
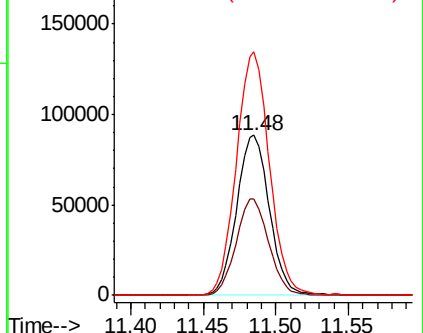
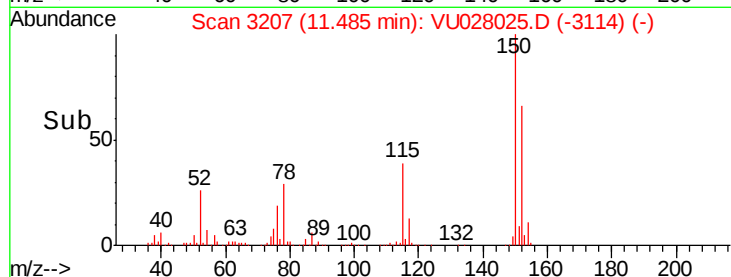
150 153.2 0.0 349.4



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: 2.260 ug/l

RT: 13.75 min Scan# 3911

Delta R.T. 0.01 min

Lab File: VU028025.D

Acq: 08 Nov 2018 14:51

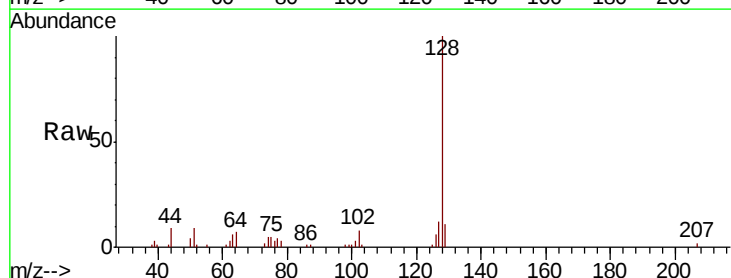
Tgt Ion:128 Resp: 27780

Ion Ratio Lower Upper

128 100

127 11.7 10.4 15.6

129 9.6 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

