

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111218\
 Data File : VU028069.D
 Acq On : 12 Nov 2018 16:57
 Operator : MD/SY
 Sample : J5905-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 06-TANK-SOIL

Quant Time: Nov 13 03:28:21 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

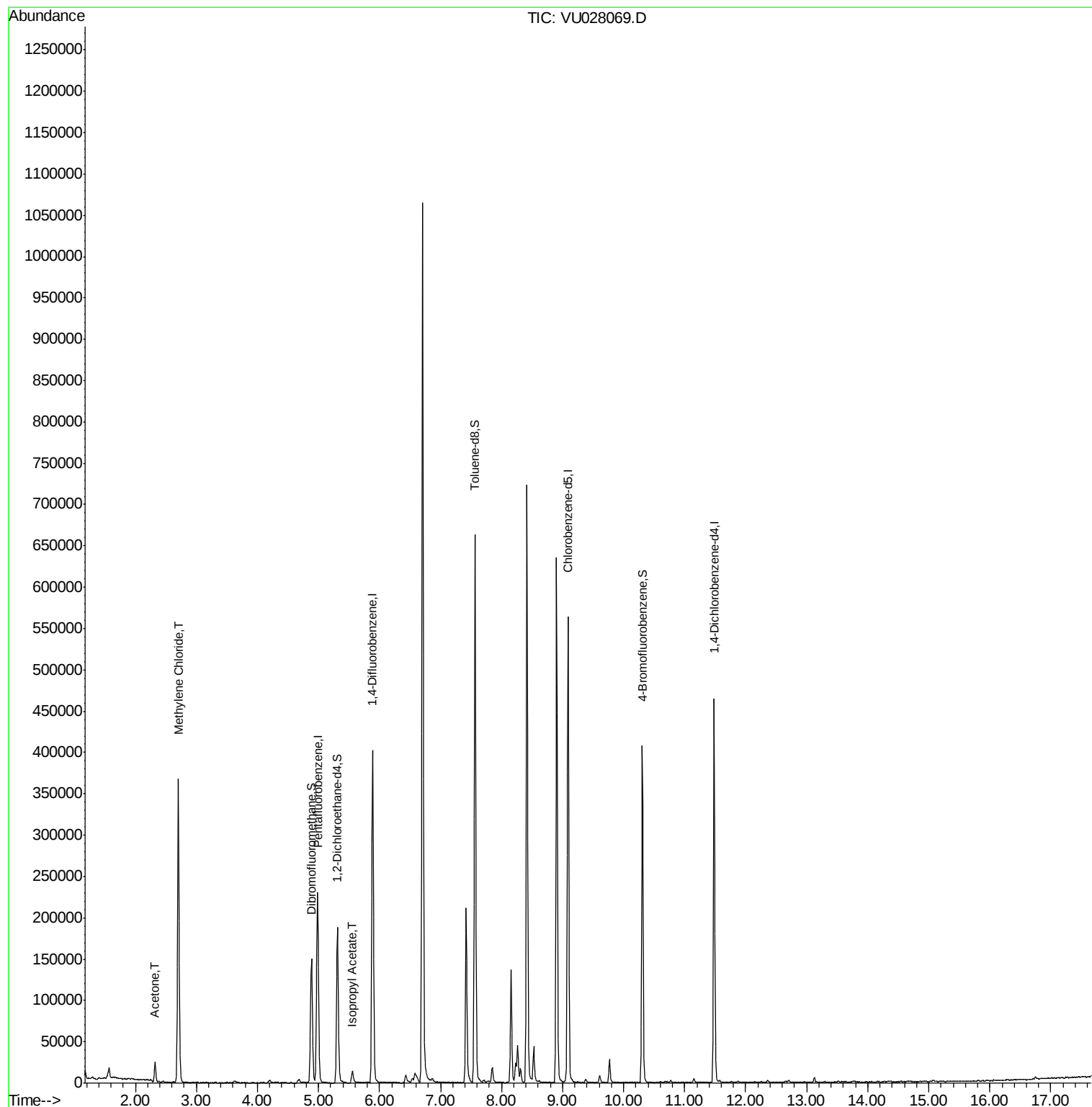
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	166030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	317050	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	289128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	111388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	146465	59.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.66%	
35) Dibromofluoromethane	4.89	113	104599	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
50) Toluene-d8	7.57	98	418338	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
62) 4-Bromofluorobenzene	10.31	95	134554	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
Target Compounds						
16) Acetone	2.32	43	24647	16.093	ug/l	99
20) Methylene Chloride	2.70	84	150922	67.493	ug/l	97
43) Isopropyl Acetate	5.56	43	17468	2.292	ug/l	97

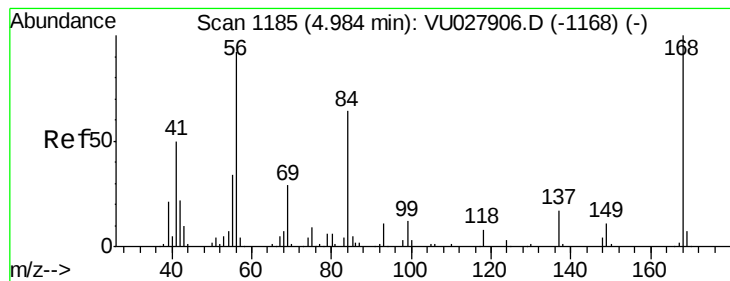
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028069.D

Acq: 12 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

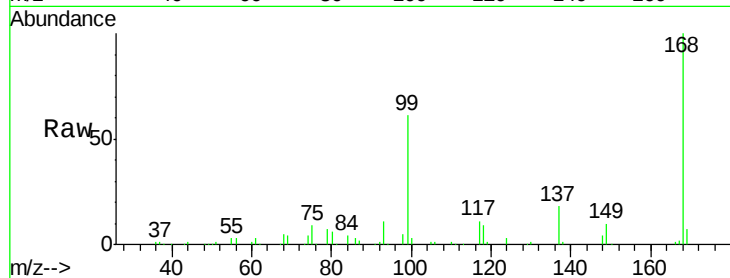
06-TANK-SOIL

Tgt Ion:168 Resp: 166030

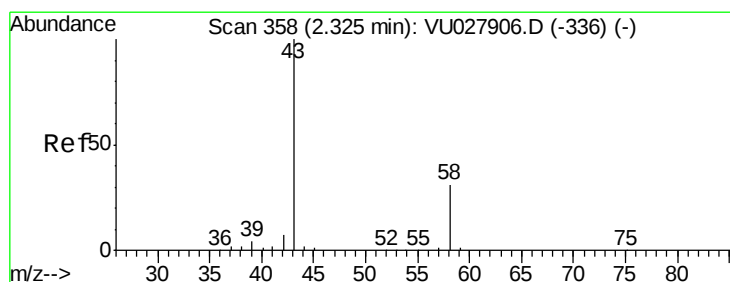
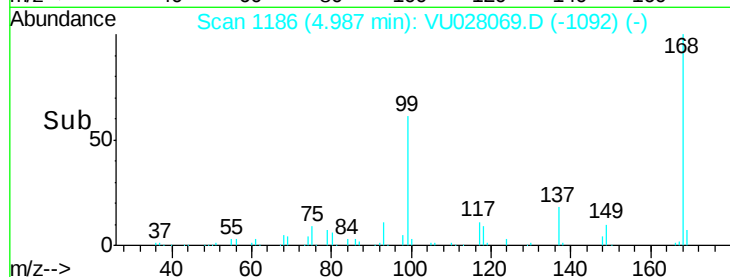
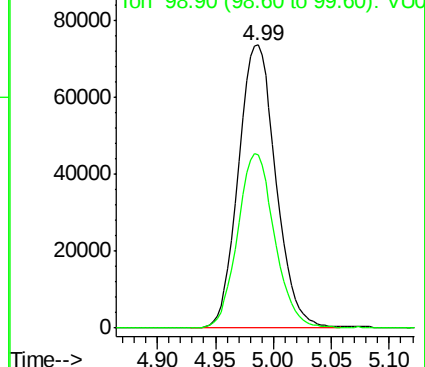
Ion Ratio Lower Upper

168 100

99 61.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU028069.D (-1092) (-)



#16

Acetone

Concen: 16.093 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028069.D

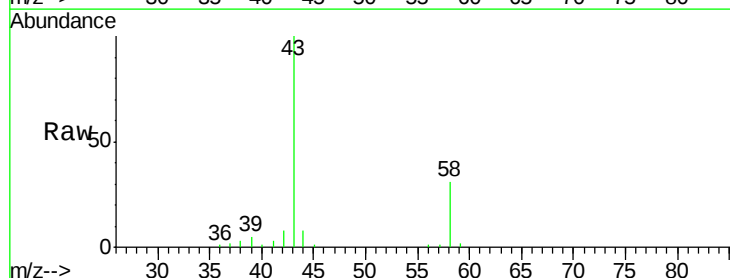
Acq: 12 Nov 2018 16:57

Tgt Ion: 43 Resp: 24647

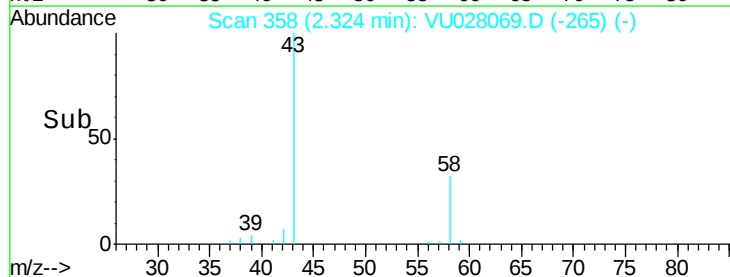
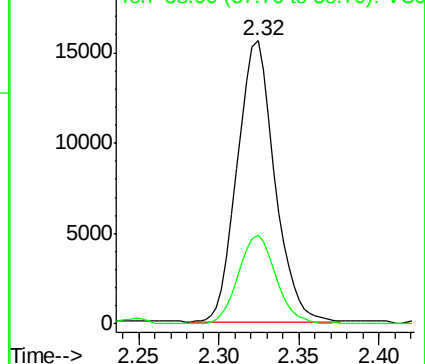
Ion Ratio Lower Upper

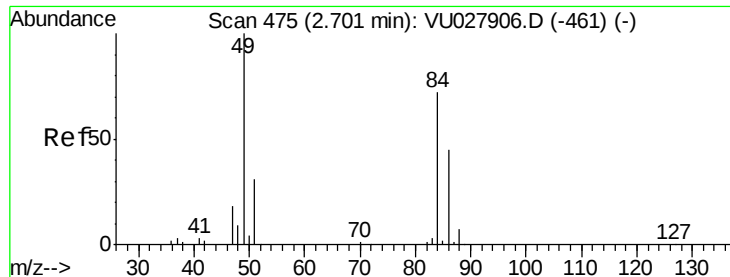
43 100

58 31.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028069.D (-265) (-)

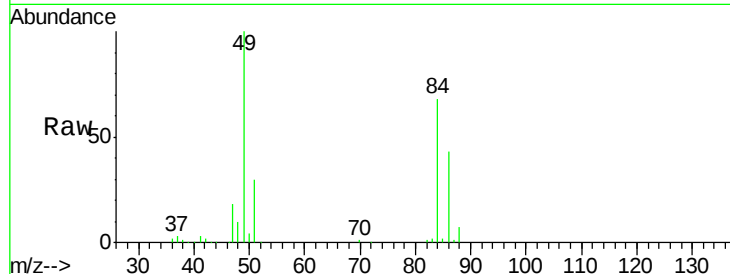




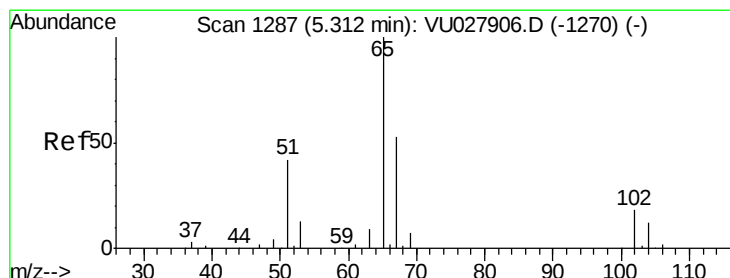
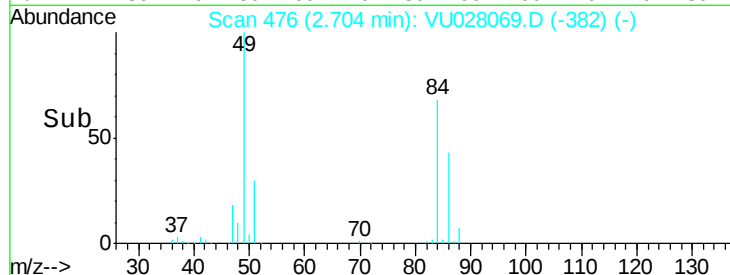
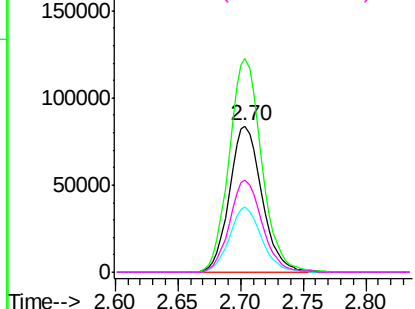
#20
Methylene Chloride
Concen: 67.493 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028069.D
Acq: 12 Nov 2018 16:57

Instrument :
MSVOA_U
ClientSampleId :
06-TANK-SOIL

Tgt Ion: 84 Resp: 150922
Ion Ratio Lower Upper
84 100
49 146.2 111.6 167.4
51 44.3 34.8 52.2
86 62.8 50.1 75.1

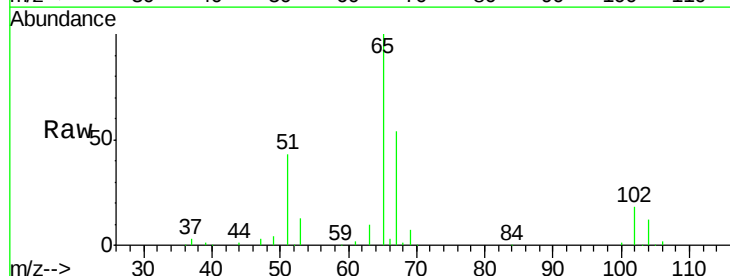


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

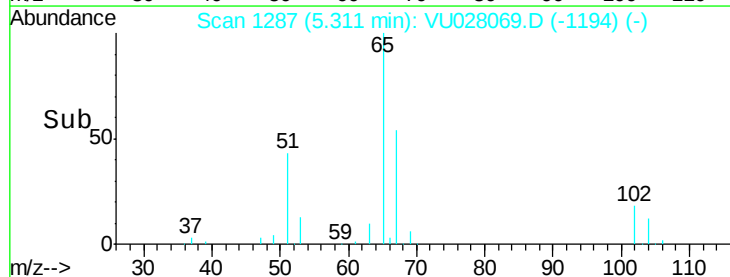
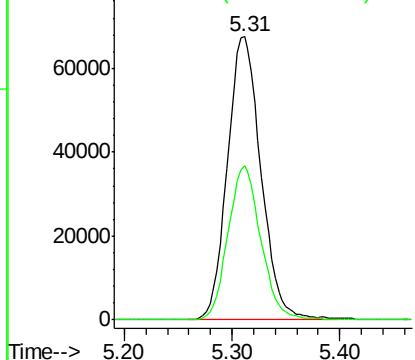


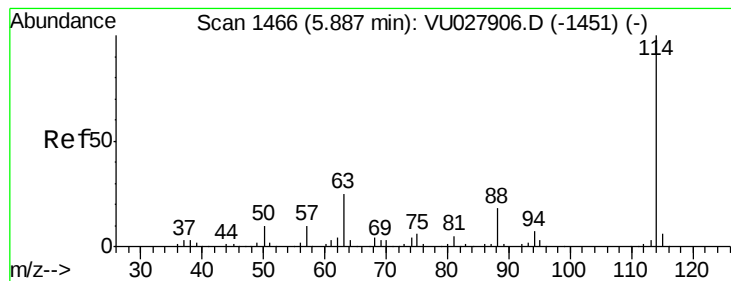
#33
1,2-Dichloroethane-d4
Concen: 59.335 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU028069.D
Acq: 12 Nov 2018 16:57

Tgt Ion: 65 Resp: 146465
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VU028069.D

Acq: 12 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

06-TANK-SOIL

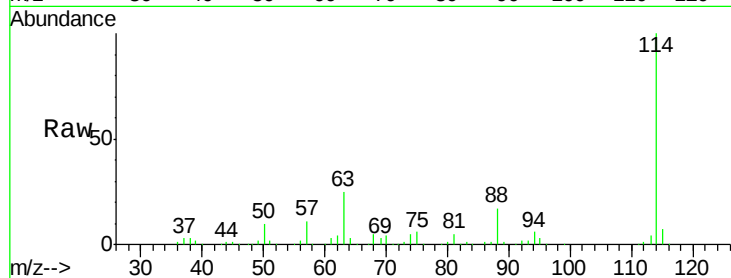
Tgt Ion:114 Resp: 317050

Ion Ratio Lower Upper

114 100

63 24.7 0.0 50.8

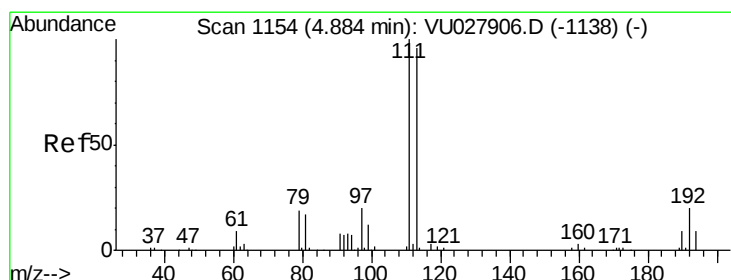
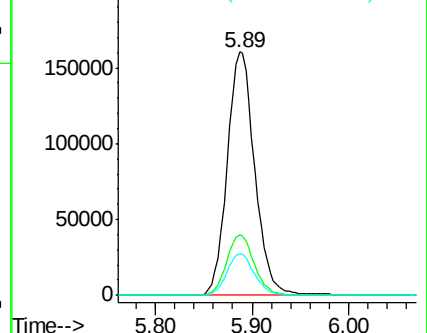
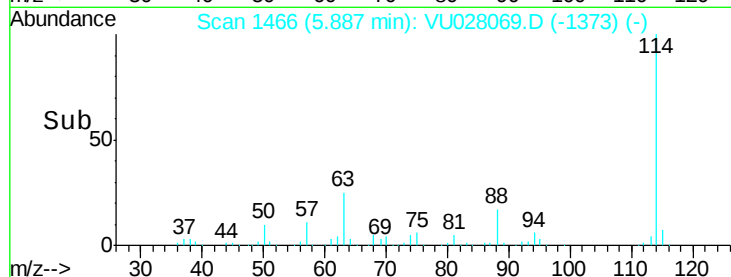
88 17.0 0.0 35.8



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: 52.324 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU028069.D

Acq: 12 Nov 2018 16:57

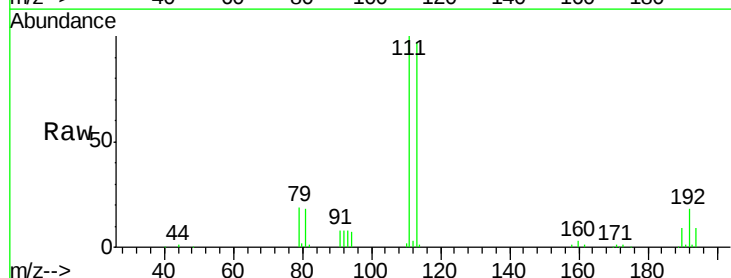
Tgt Ion:113 Resp: 104599

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

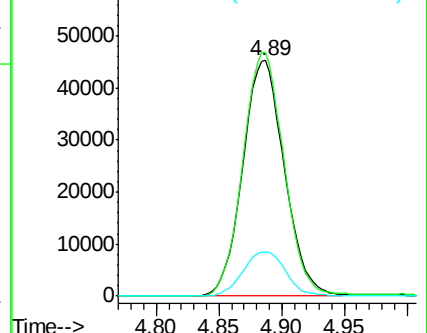
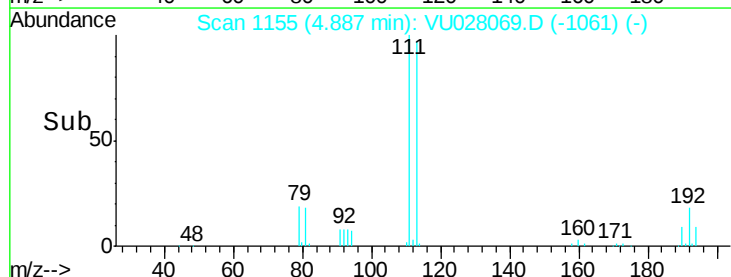
192 19.2 15.6 23.4

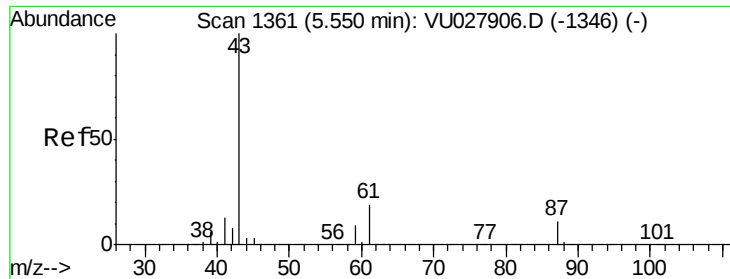


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

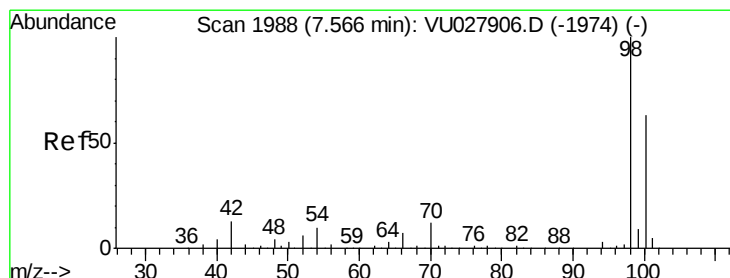
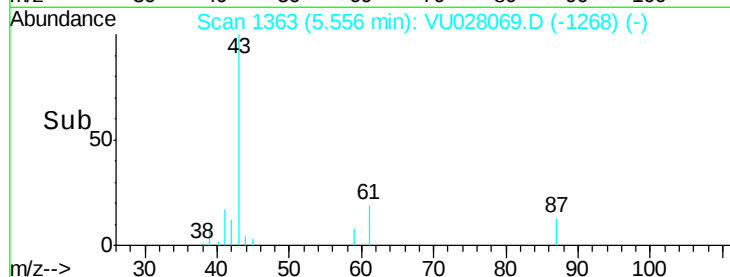
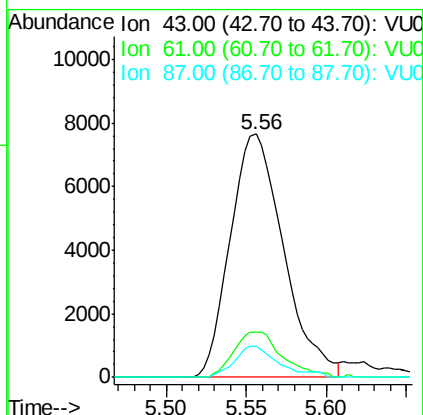
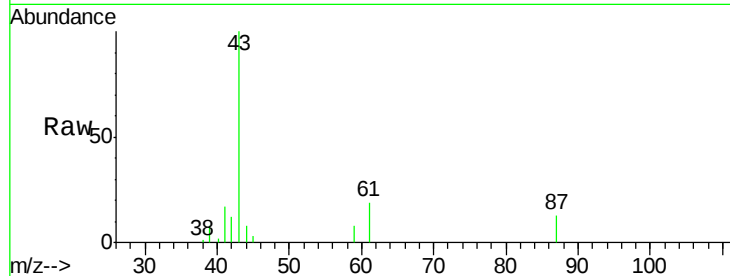




#43
Isopropyl Acetate
Concen: 2.292 ug/l
RT: 5.56 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VU028069.D
Acq: 12 Nov 2018 16:57

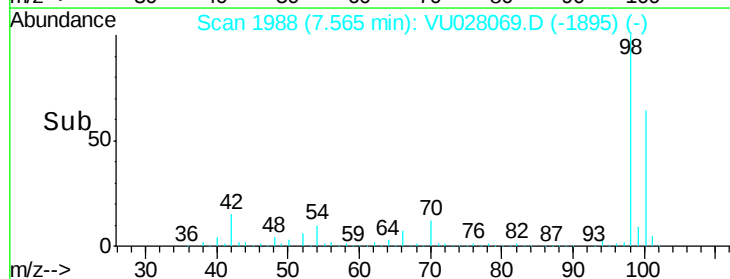
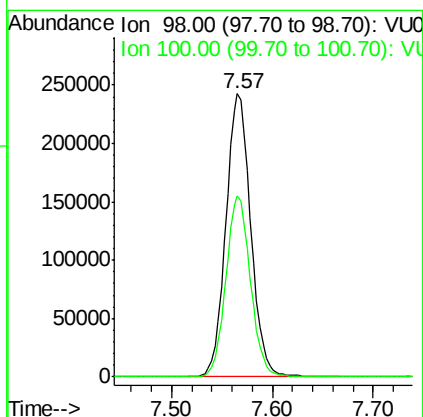
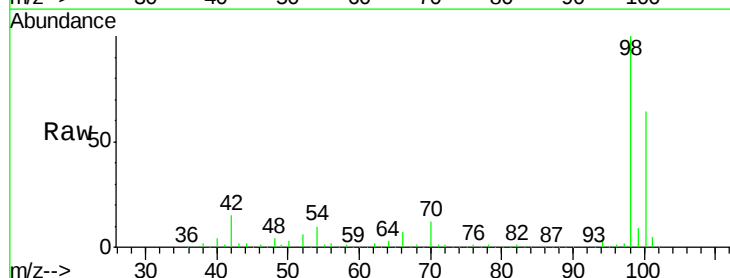
Instrument :
MSVOA_U
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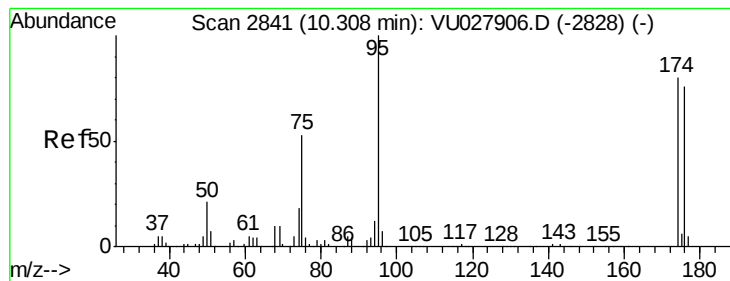
Tgt Ion: 43 Resp: 17468
Ion Ratio Lower Upper
43 100
61 16.9 15.0 22.4
87 10.6 8.6 12.8



#50
Toluene-d8
Concen: 54.174 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028069.D
Acq: 12 Nov 2018 16:57

Tgt Ion: 98 Resp: 418338
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 47.241 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028069.D

Acq: 12 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

06-TANK-SOIL

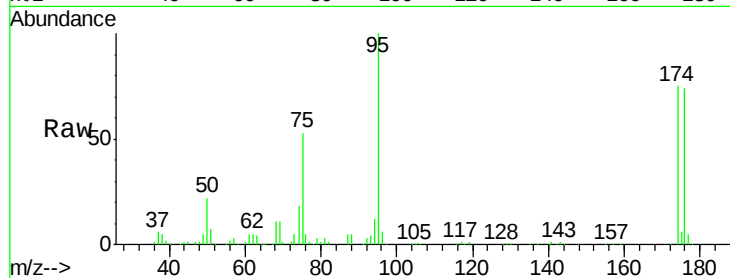
Tgt Ion: 95 Resp: 134554

Ion Ratio Lower Upper

95 100

174 75.6 0.0 156.4

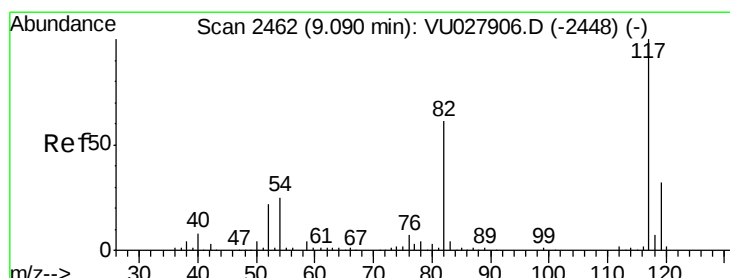
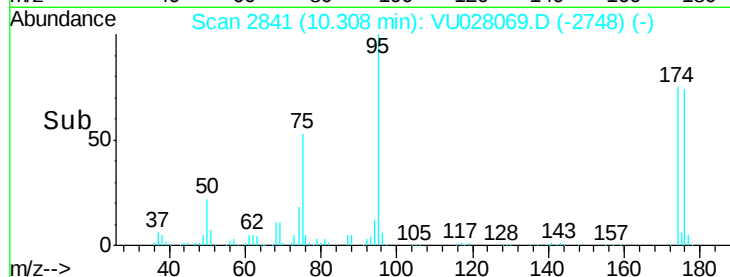
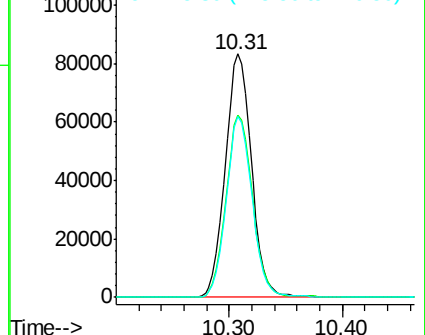
176 73.4 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU028069.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU028069.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU028069.D (-2748) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028069.D

Acq: 12 Nov 2018 16:57

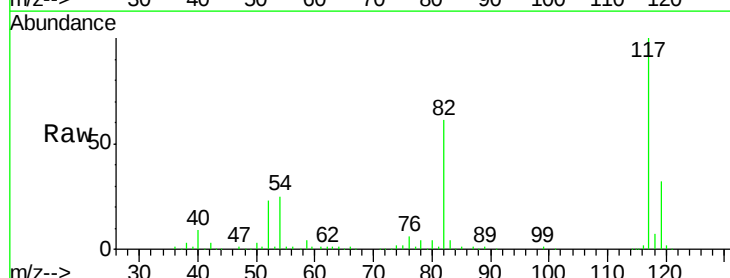
Tgt Ion: 117 Resp: 289128

Ion Ratio Lower Upper

117 100

82 61.1 48.6 73.0

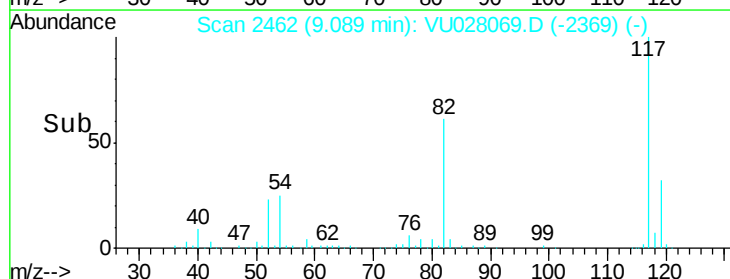
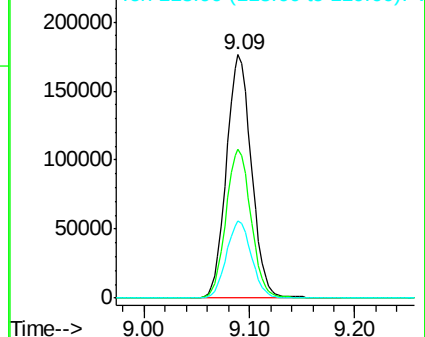
119 31.5 25.8 38.8

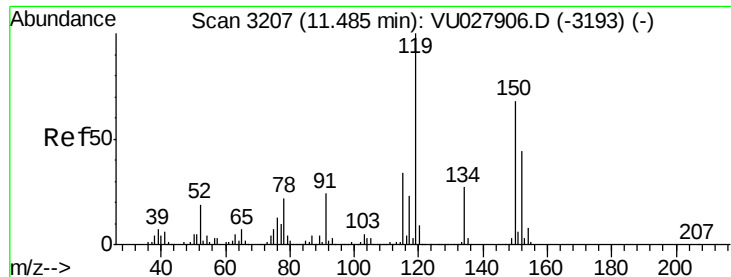


Abundance Ion 116.90 (116.60 to 117.60): VU028069.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU028069.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU028069.D (-2369) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU028069.D

Acq: 12 Nov 2018 16:57

Instrument :

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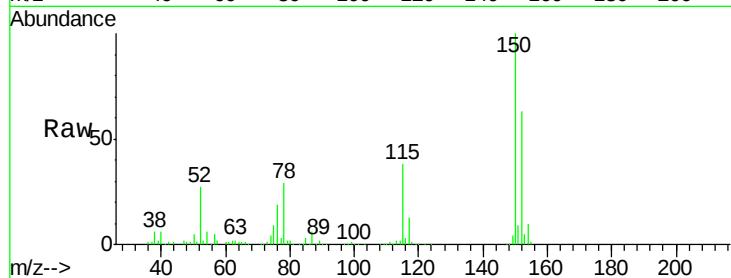
Tgt Ion:152 Resp: 111388

Ion Ratio Lower Upper

152 100

115 61.2 43.0 129.0

150 157.2 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

