

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
 Data File : VU027478.D
 Acq On : 06 Oct 2018 00:59
 Operator : MD/SY
 Sample : J5174-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T2-GRAVEL

Quant Time: Oct 06 04:00:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

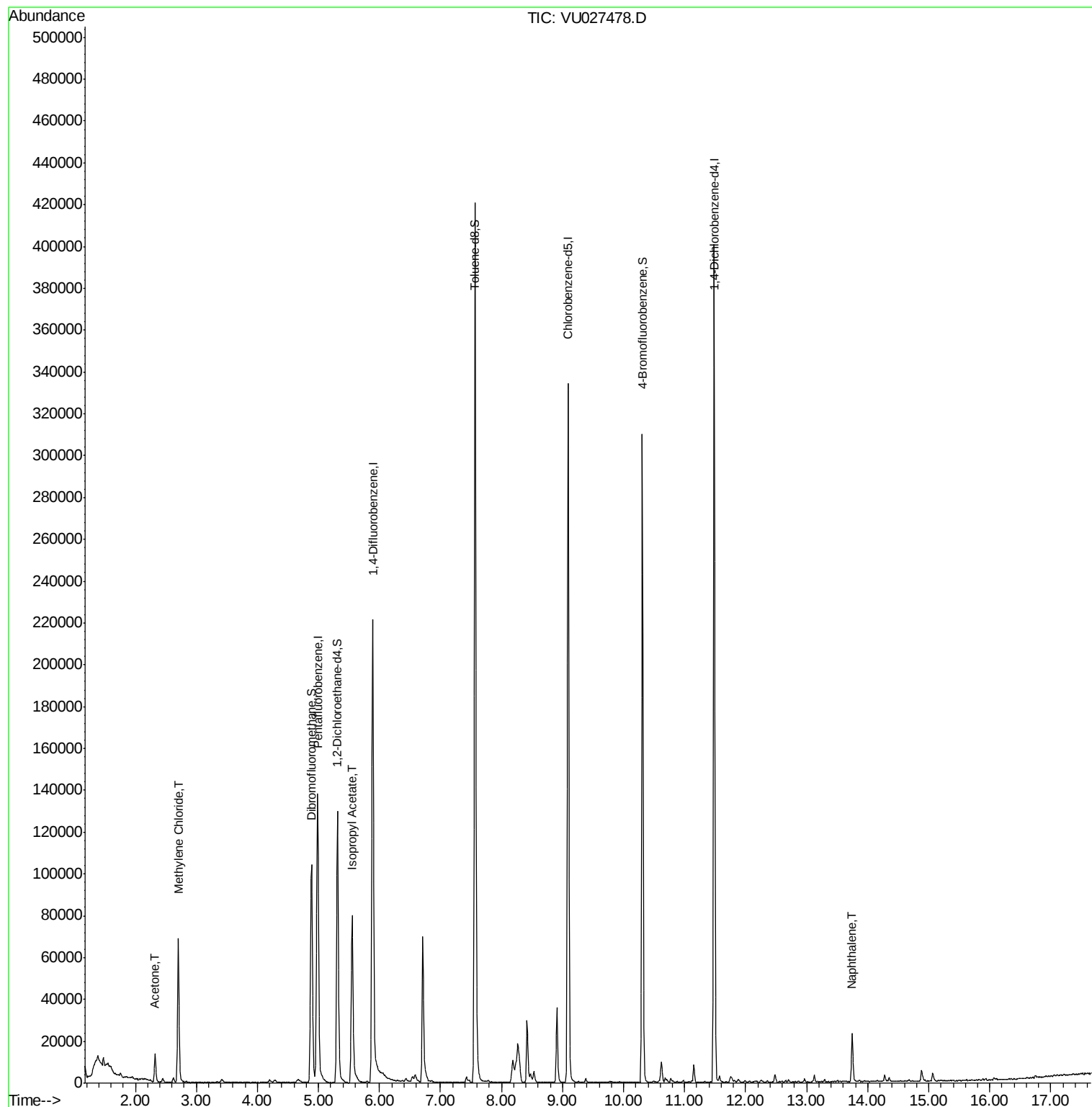
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	105532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	183431	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	175912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	97165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	102714	58.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.58%	
35) Dibromofluoromethane	4.89	113	72338	57.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.08%	
50) Toluene-d8	7.57	98	279523	59.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.82%	
62) 4-Bromofluorobenzene	10.31	95	100862	57.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.36%	
Target Compounds						
16) Acetone	2.32	43	14908	14.320	ug/l	98
20) Methylene Chloride	2.70	84	27620	19.047	ug/l	98
43) Isopropyl Acetate	5.55	43	101088	25.287	ug/l	98
95) Naphthalene	13.75	128	19797	4.265	ug/l	98

(#) = 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: VU027478.D

Acq: 06 Oct 2018 00:59

Instrument :

MSVOA_U

ClientSampleId :

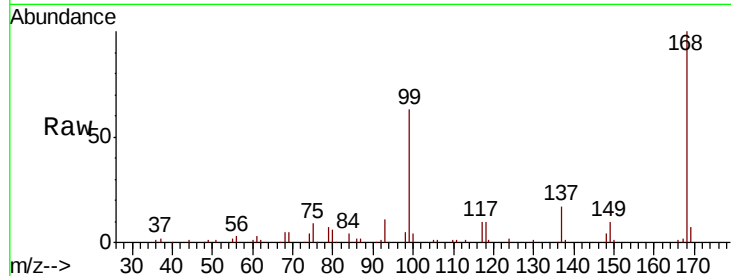
T2-GRAVEL

Tot Ion:168 Resp: 105532

Ion Ratio Lower Upper

168 100

99 63.1 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

50000

40000

30000

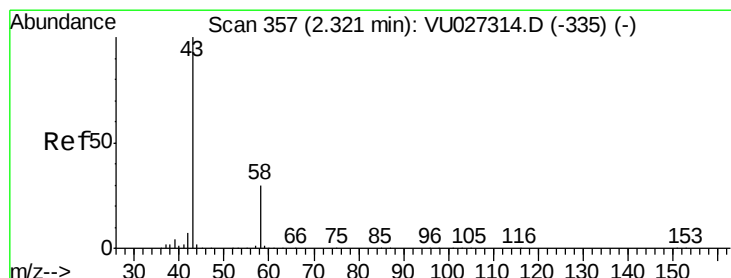
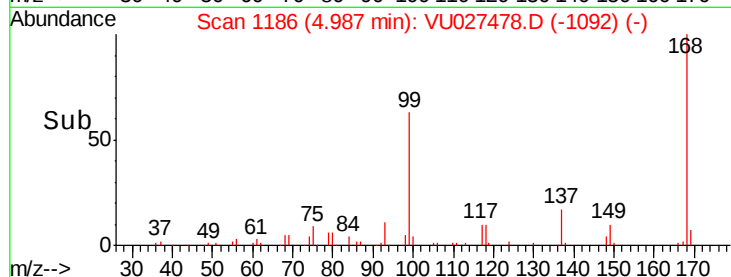
20000

10000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 14.320 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027478.D

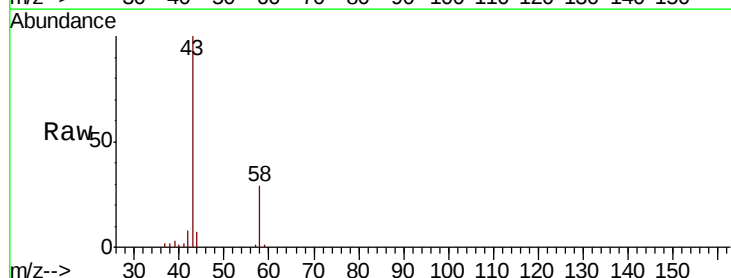
Acq: 06 Oct 2018 00:59

Tgt Ion: 43 Resp: 14908

Ion Ratio Lower Upper

43 100

58 29.2 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

2.32

10000

8000

6000

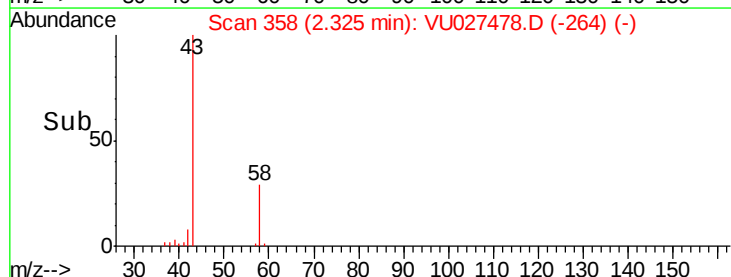
4000

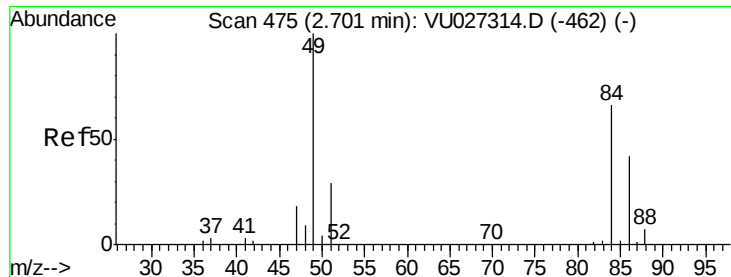
2000

0

Time-->

2.25 2.30 2.35 2.40

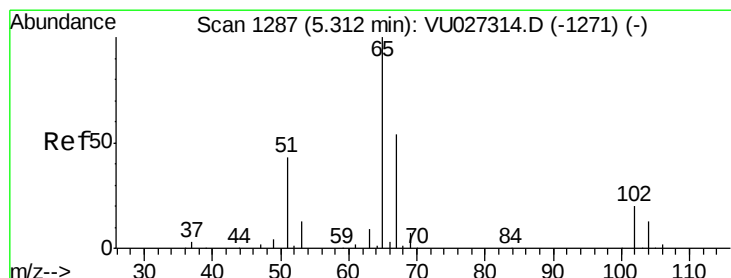
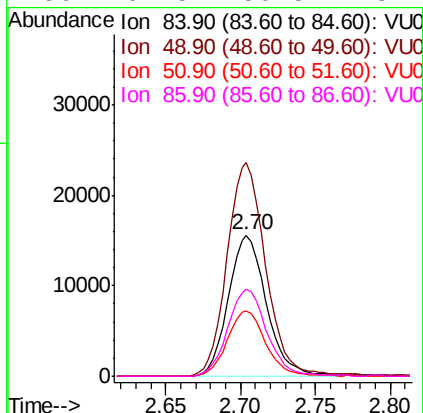
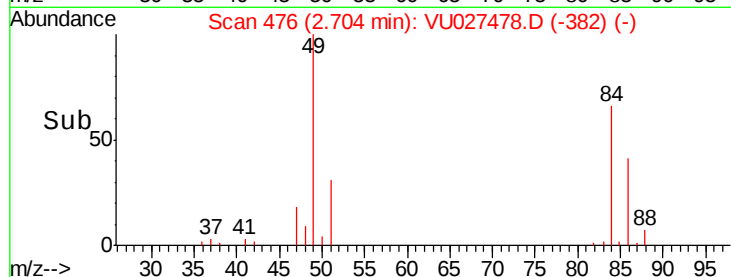
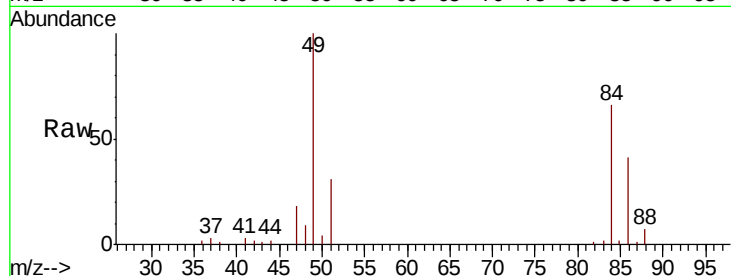




#20
Methvlene Chloride
Concen: 19.047 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027478.D
Acq: 06 Oct 2018 00:59

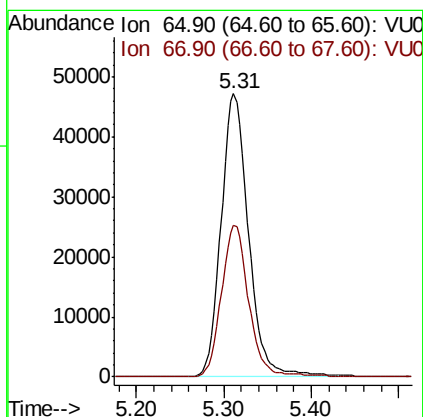
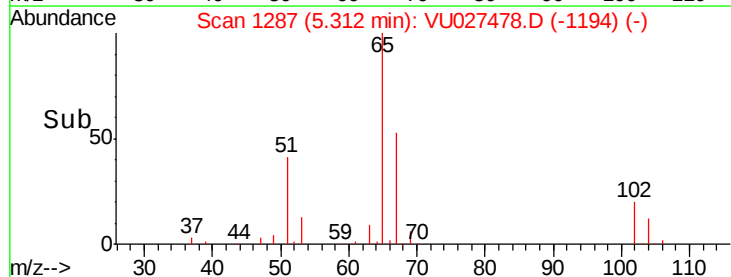
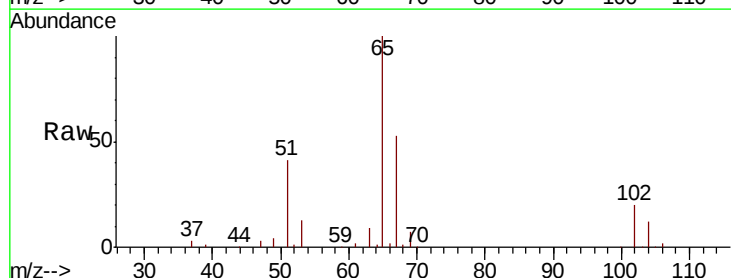
Instrument :
MSVOA_U
ClientSampleId :
T2-GRAVEL

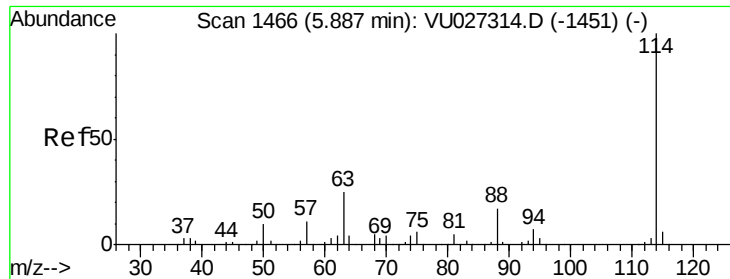
Tot Ion: 84 Resp: 27620
Ion Ratio Lower Upper
84 100
49 151.5 120.5 180.7
51 46.7 35.1 52.7
86 61.5 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 58.287 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027478.D
Acq: 06 Oct 2018 00:59

Tgt Ion: 65 Resp: 102714
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.8

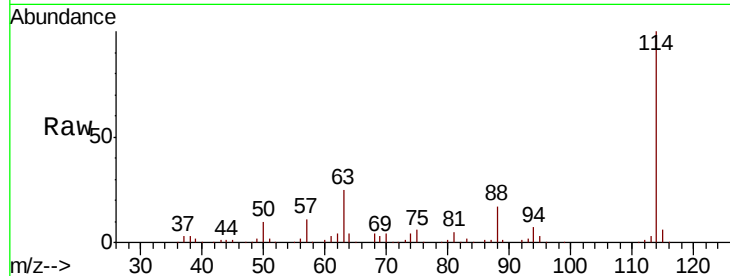




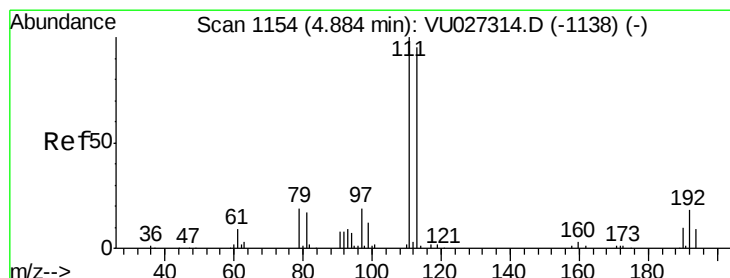
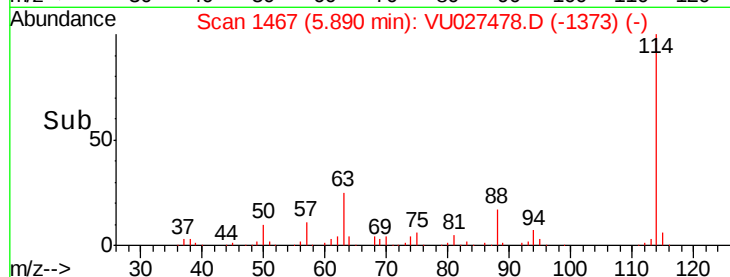
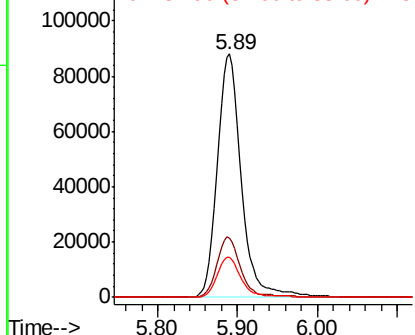
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027478.D
 Acq: 06 Oct 2018 00:59

Instrument :
 MSVOA_U
 ClientSampleId :
 T2-GRAVEL

Tot Ion:114 Resp: 183431
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 50.2
 88 16.7 0.0 33.8

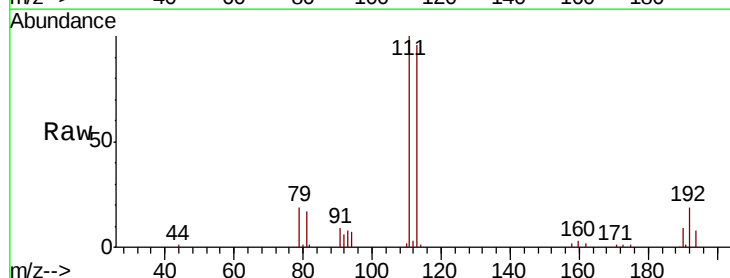


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

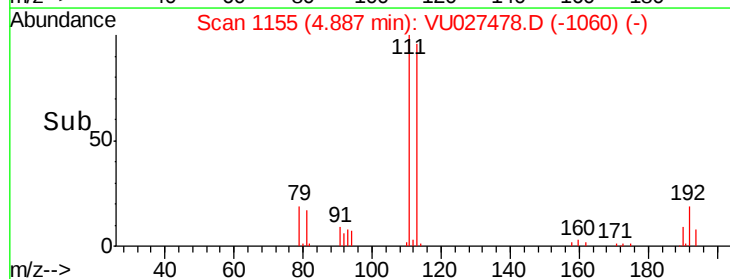
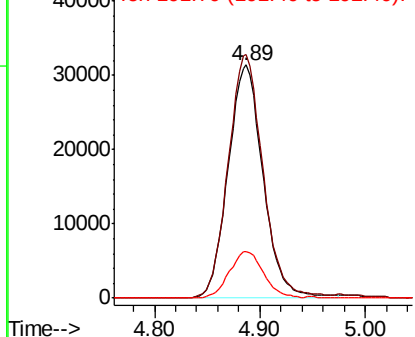


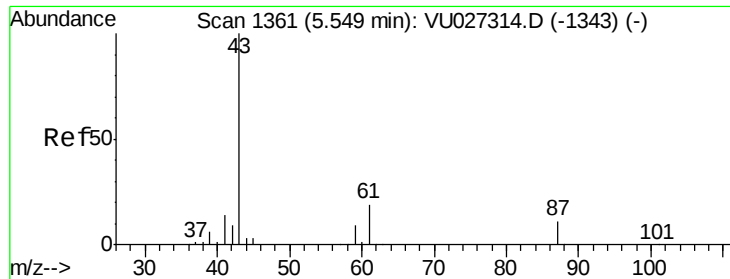
#35
 Dibromofluoromethane
 Concen: 57.543 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027478.D
 Acq: 06 Oct 2018 00:59

Tgt Ion:113 Resp: 72338
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.1 124.7
 192 19.5 15.4 23.0



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

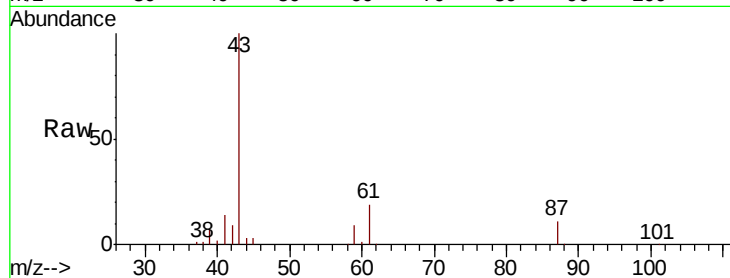




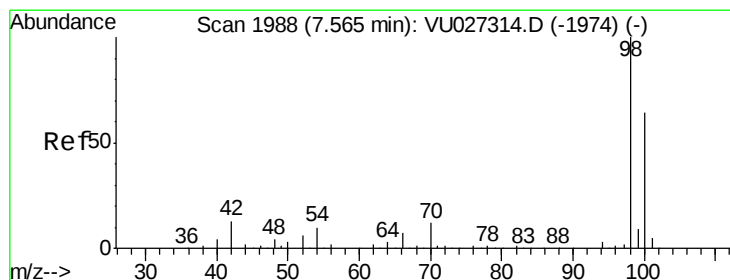
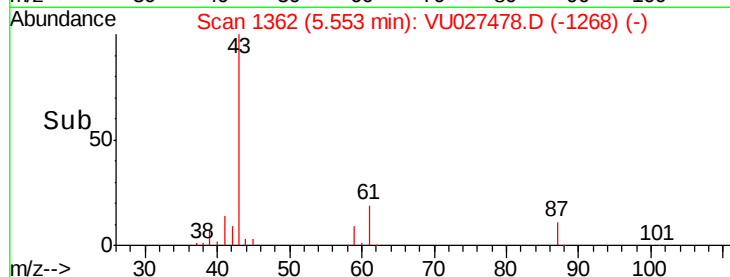
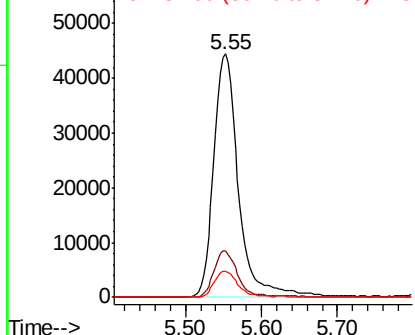
#43
Isopropyl Acetate
Concen: 25.287 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VU027478.D
Acq: 06 Oct 2018 00:59

Instrument :
MSVOA_U
ClientSampleId :
T2-GRAVEL

Tot Ion: 43 Resp: 101088
Ion Ratio Lower Upper
43 100
61 18.0 15.3 22.9
87 10.3 8.6 13.0

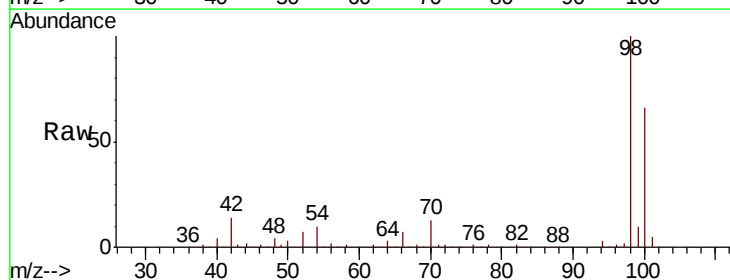


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

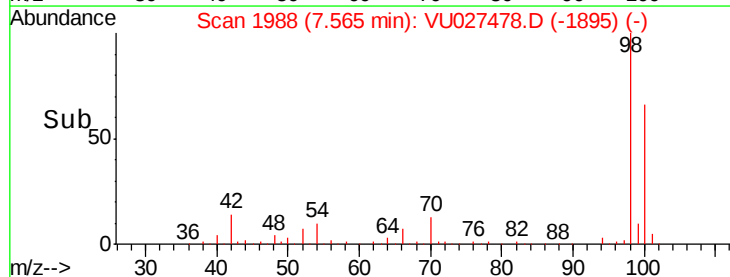
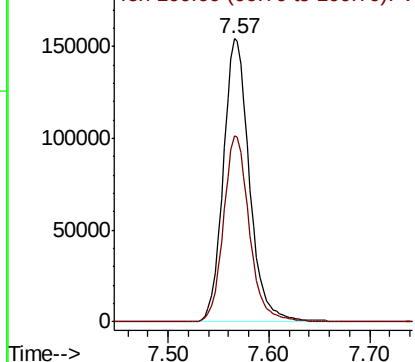


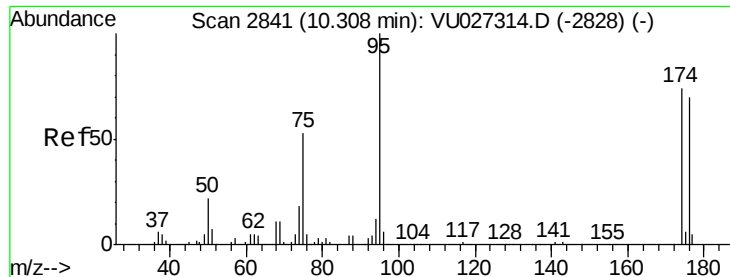
#50
Toluene-d8
Concen: 59.410 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027478.D
Acq: 06 Oct 2018 00:59

Tgt Ion: 98 Resp: 279523
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 57.683 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027478.D

Acq: 06 Oct 2018 00:59

Instrument :

MSVOA_U

ClientSampleId :

T2-GRAVEL

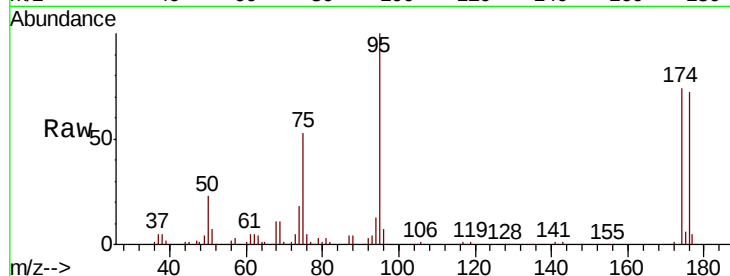
Tot Ion: 95 Resp: 100862

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.8

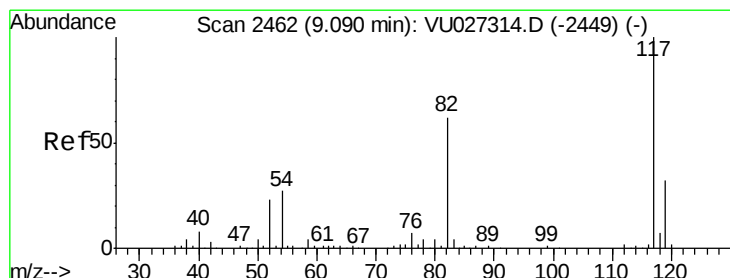
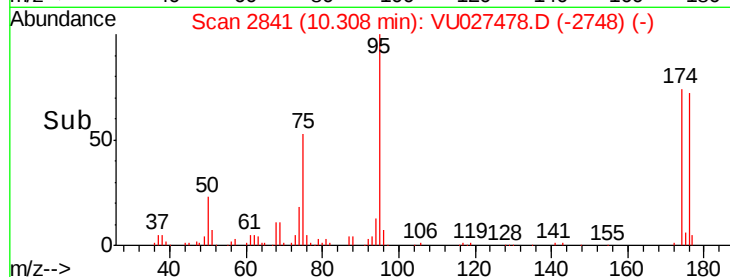
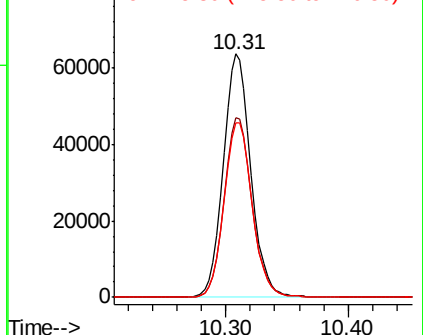
176 73.6 0.0 140.8



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: VU027478.D

Acq: 06 Oct 2018 00:59

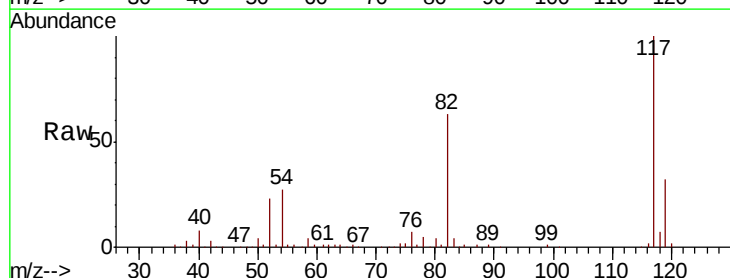
Tgt Ion: 117 Resp: 175912

Ion Ratio Lower Upper

117 100

82 62.9 49.2 73.8

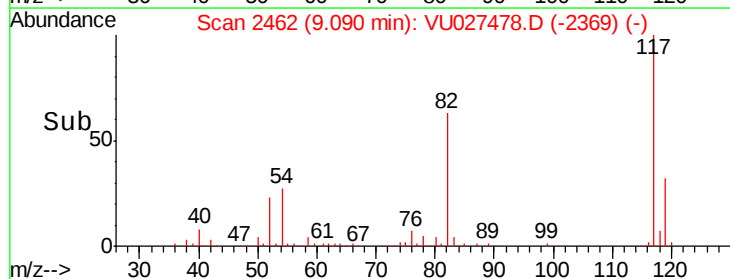
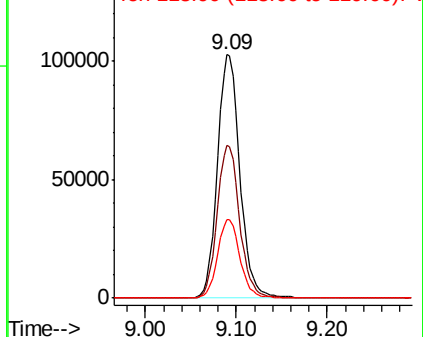
119 32.1 25.7 38.5

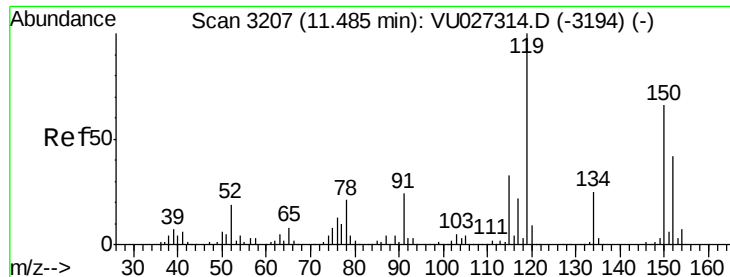


Abundance Ion 116.90 (116.60 to 117.60): V

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: VU027478.D

Acq: 06 Oct 2018 00:59

Instrument :

MSVOA_U

ClientSampleId :

T2-GRAVEL

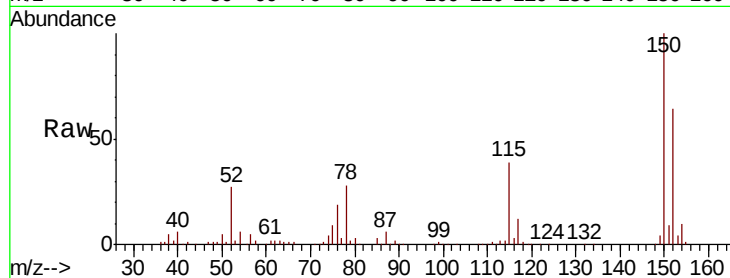
Tot Ion:152 Resp: 97165

Ion Ratio Lower Upper

152 100

115 60.7 43.4 130.2

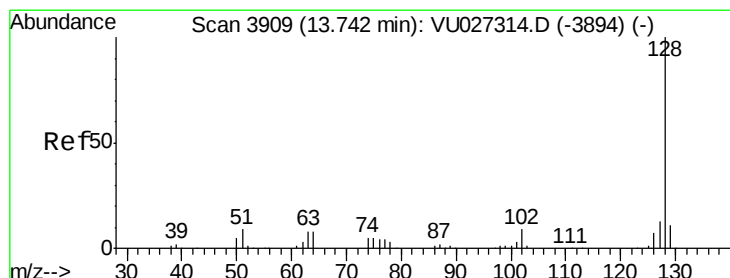
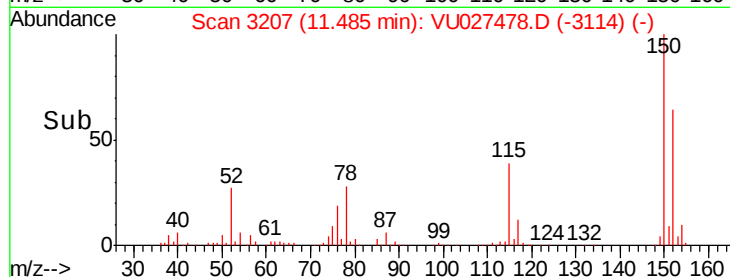
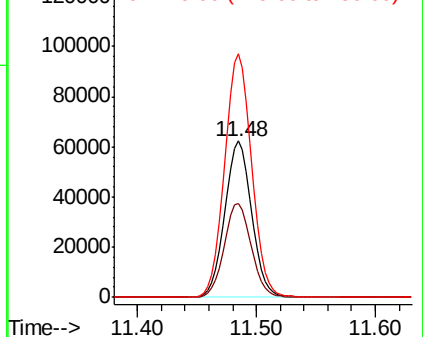
150 157.4 0.0 349.2



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: 4.265 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027478.D

Acq: 06 Oct 2018 00:59

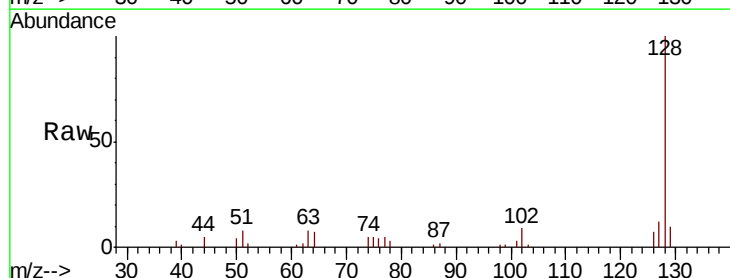
Tgt Ion:128 Resp: 19797

Ion Ratio Lower Upper

128 100

127 11.8 10.5 15.7

129 10.4 8.6 12.8



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

