

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027290.D
 Acq On : 28 Sep 2018 23:14
 Operator : MD/SY
 Sample : PB113306ZHE#01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB113306ZHE#01

Quant Time: Oct 01 01:38:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

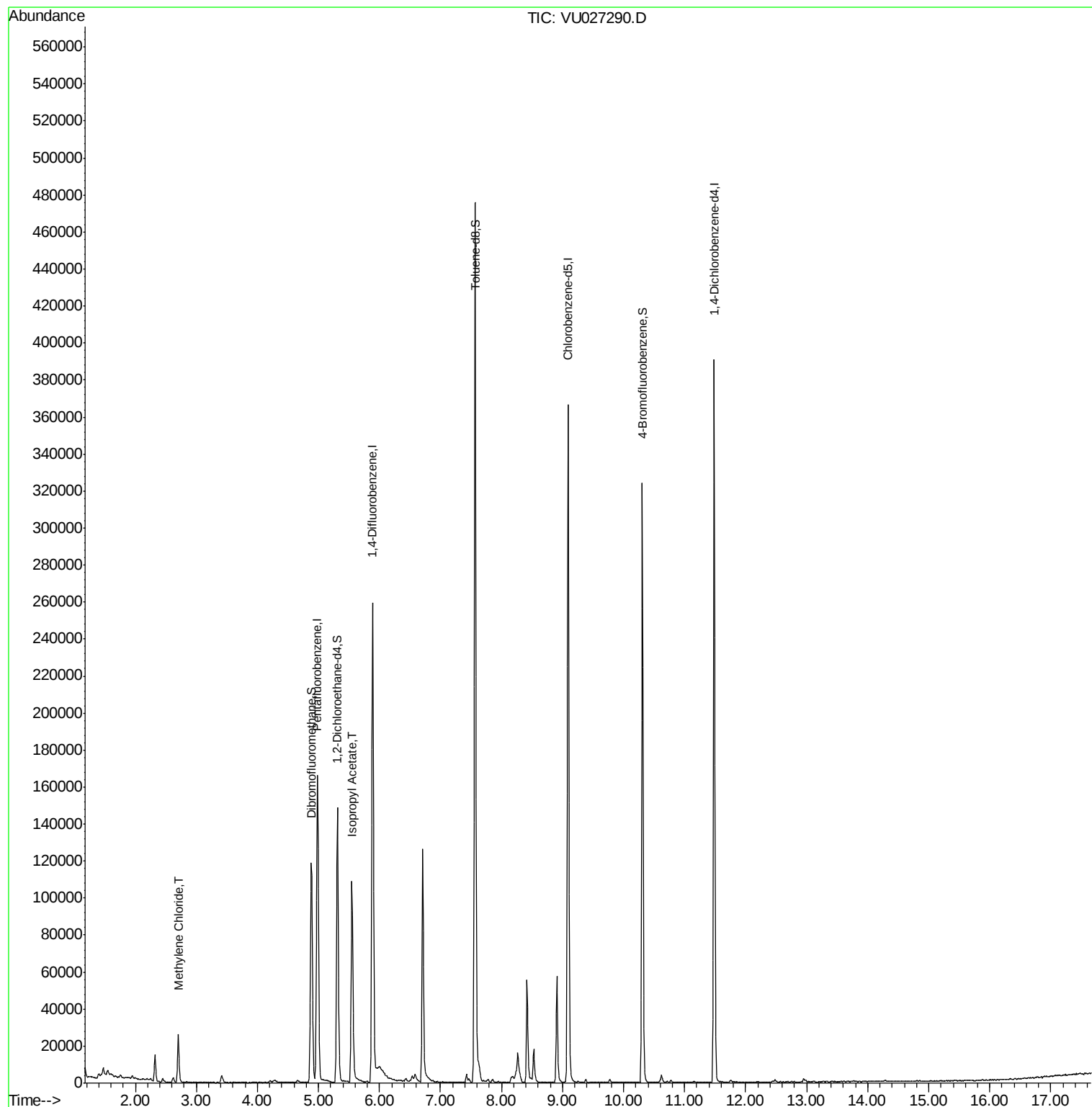
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	121051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	202038	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	195376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	95487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	111685	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
35) Dibromofluoromethane	4.89	113	81251	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
50) Toluene-d8	7.57	98	321251	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	10.31	95	107814	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
Target Compounds						
20) Methylene Chloride	2.70	84	10510	4.817	ug/l	94
43) Isopropyl Acetate	5.55	43	130474	24.509	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: VU027290.D

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Instrument :

MSVOA_U

ClientSampleId :

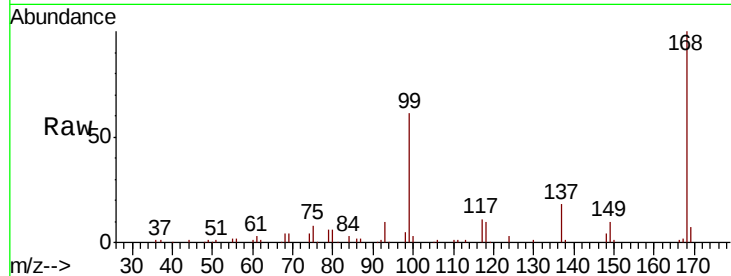
PB113306ZHE#01

Tot Ion:168 Resp: 121051

Ion Ratio Lower Upper

168 100

99 61.3 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

60000

50000

40000

30000

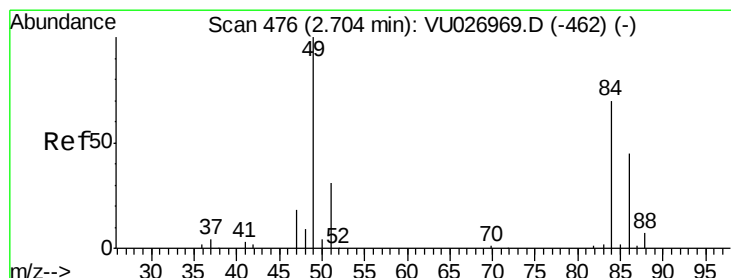
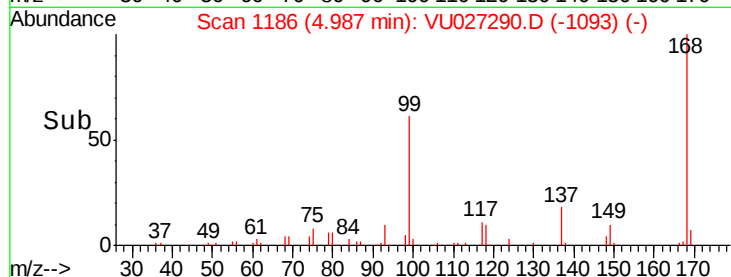
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#20

Methylene Chloride

Concen: 4.817 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027290.D

Acq: 28 Sep 2018 23:14

Tgt Ion: 84 Resp: 10510

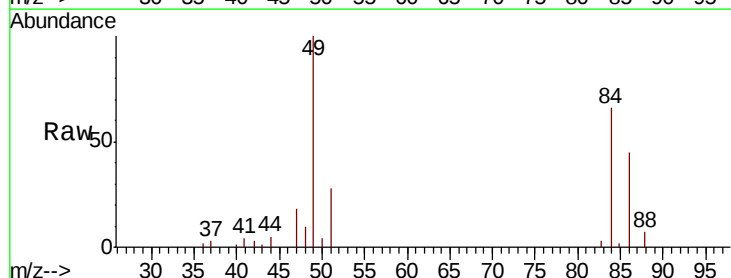
Ion Ratio Lower Upper

84 100

49 152.5 114.9 172.3

51 43.5 35.8 53.8

86 68.5 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VU026969.D (-462) (-)

Ion 48.90 (48.60 to 49.60): VU026969.D (-462) (-)

Ion 50.90 (50.60 to 51.60): VU026969.D (-462) (-)

Ion 85.90 (85.60 to 86.60): VU026969.D (-462) (-)

2.70

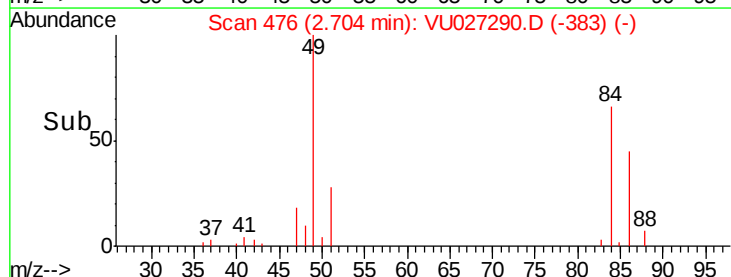
10000

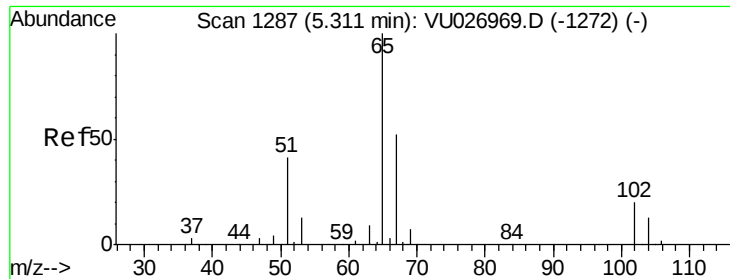
5000

0

2.65 2.70 2.75

Time-->

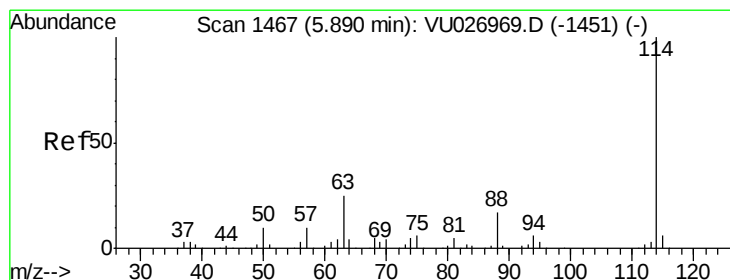
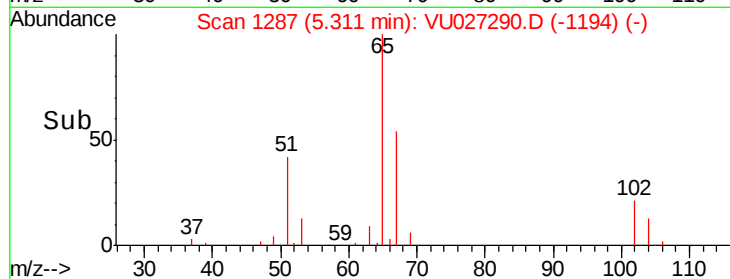
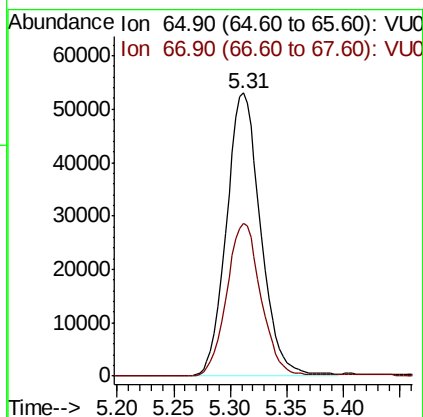
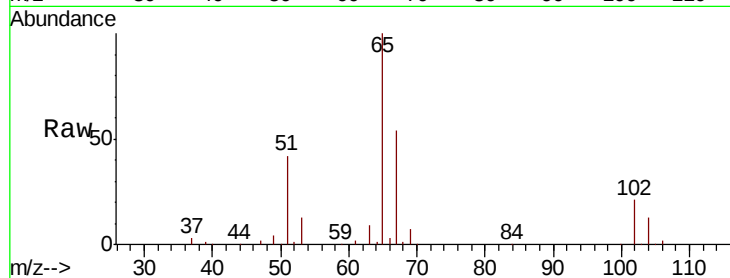




#33
 1,2-Dichloroethane-d4
 Concen: 45.841 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027290.D
 Acq: 28 Sep 2018 23:14

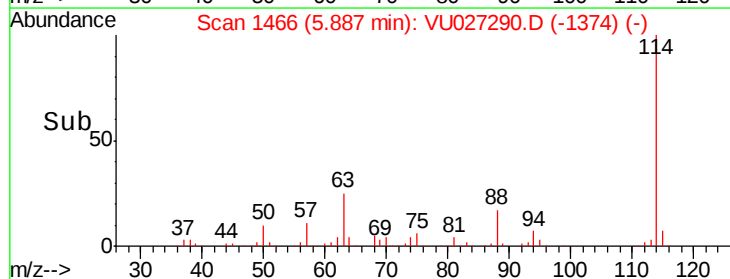
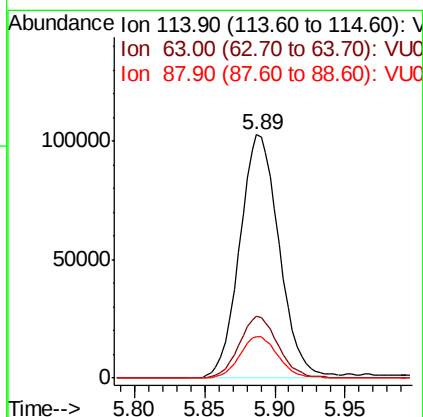
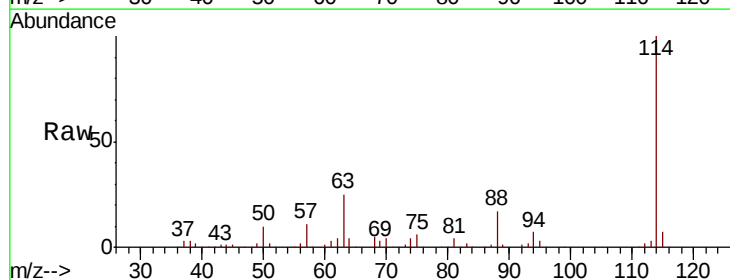
Instrument :
 MSVOA_U
 ClientSampleId :
 PB113306ZHE#01

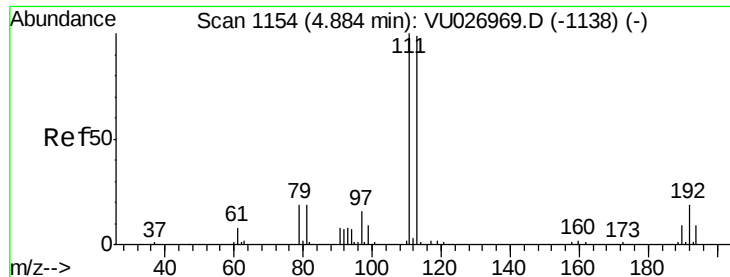
Tot Ion: 65 Resp: 111685
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027290.D
 Acq: 28 Sep 2018 23:14

Tgt Ion: 114 Resp: 202038
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 17.2 0.0 33.8

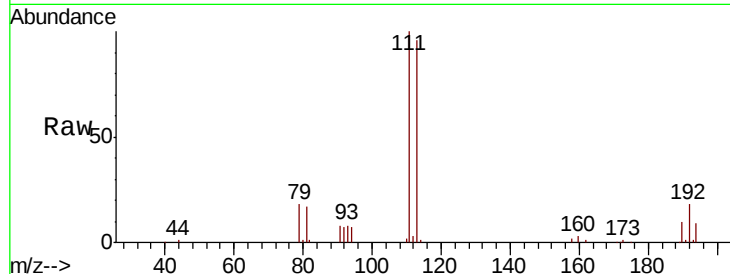




#35
 Dibromofluoromethane
 Concen: 46.395 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027290.D
 Acq: 28 Sep 2018 23:14

Instrument :
 MSVOA_U
 ClientSampleId :
 PB113306ZHE#01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	19.0	15.2	22.8

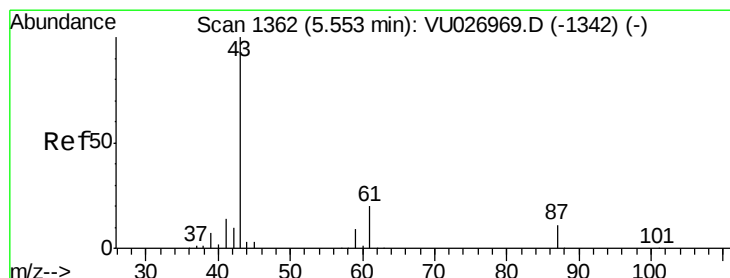
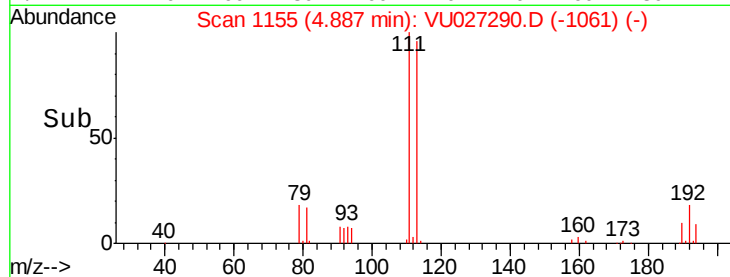
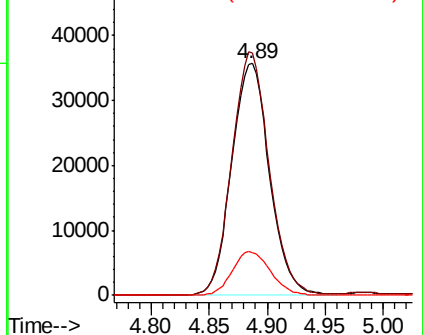


Abundance

Ion 112.80 (112.50 to 113.50): V

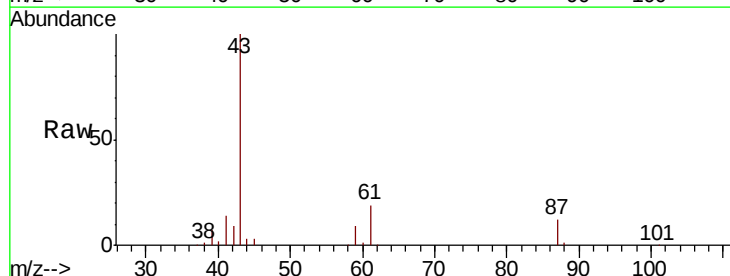
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43
 Isopropyl Acetate
 Concen: 24.509 ug/l
 RT: 5.55 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: VU027290.D
 Acq: 28 Sep 2018 23:14

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.7	23.5
87	11.1	9.0	13.4

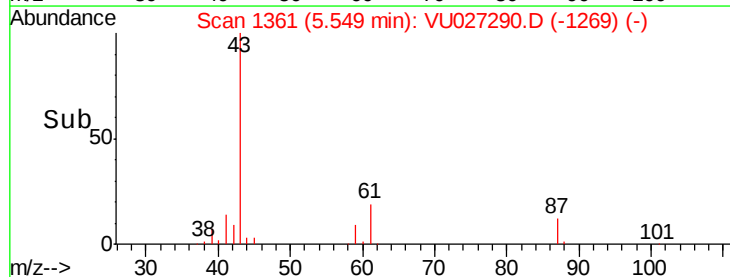
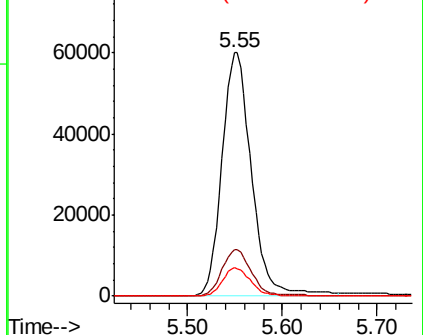


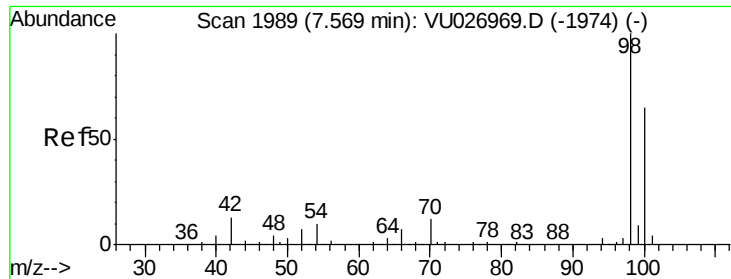
Abundance

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

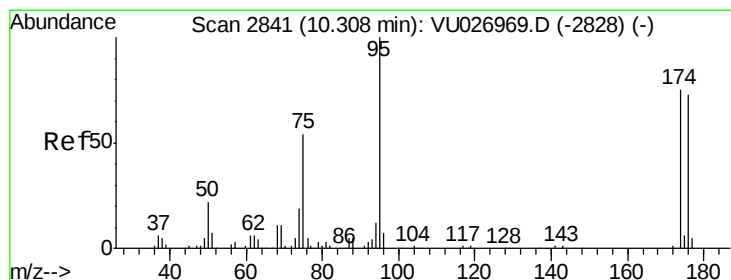
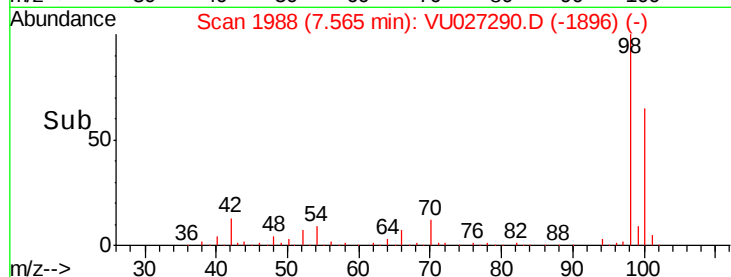
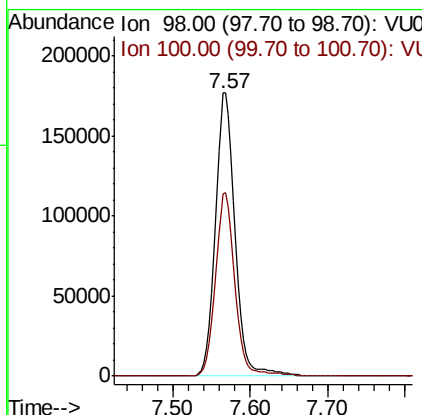
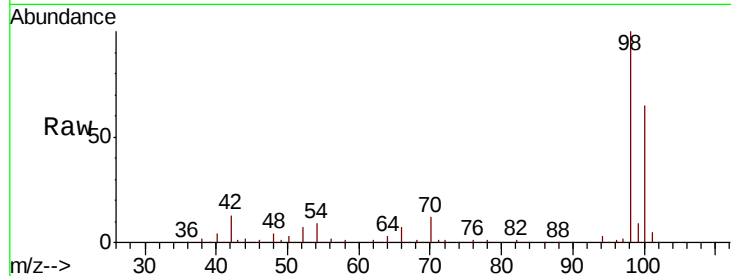




#50
Toluene-d8
Concen: 48.134 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

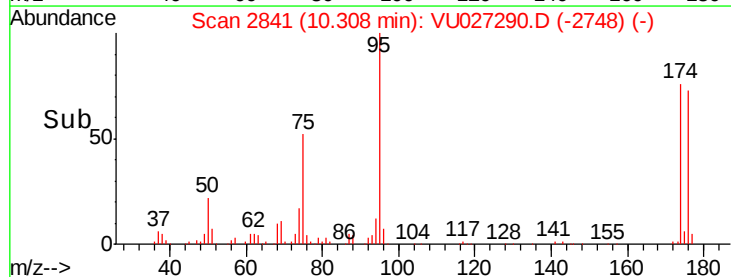
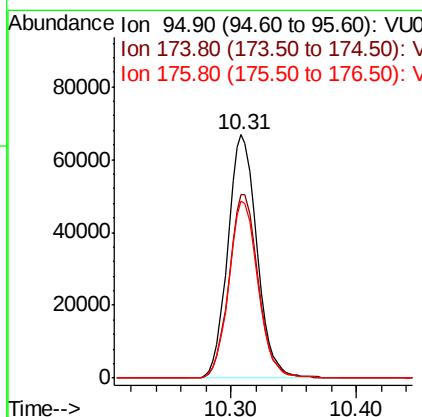
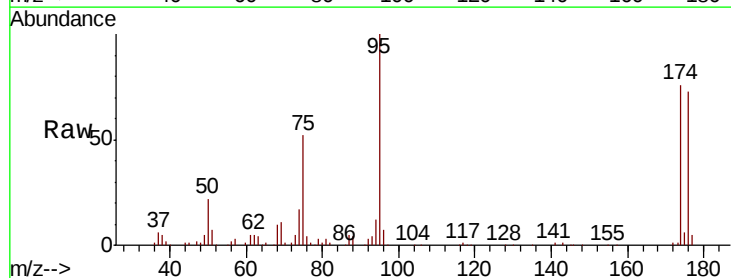
Instrument :
MSVOA_U
ClientSampleId :
PB113306ZHE#01

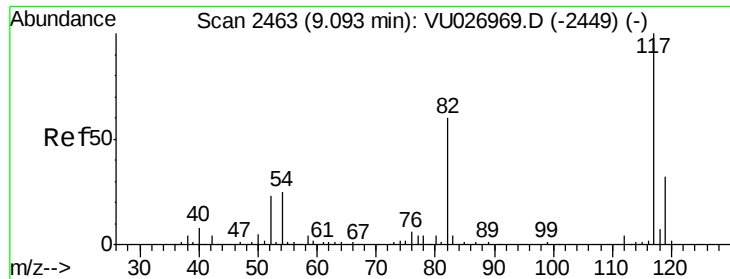
Tot Ion: 98 Resp: 321251
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.078 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion: 95 Resp: 107814
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.2
176 73.0 0.0 145.2

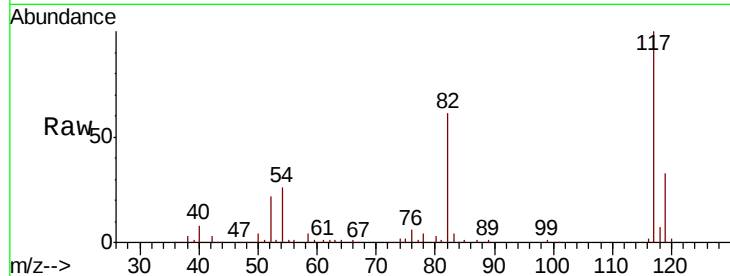




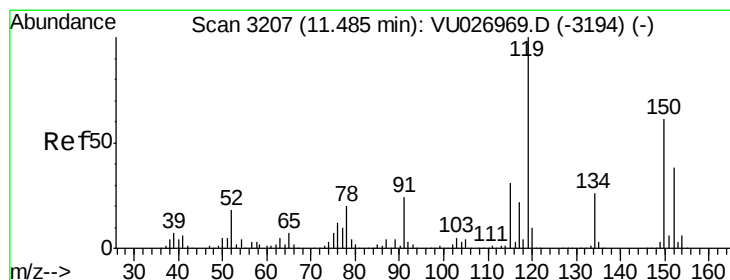
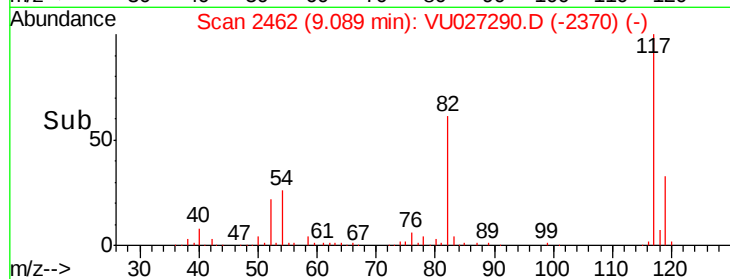
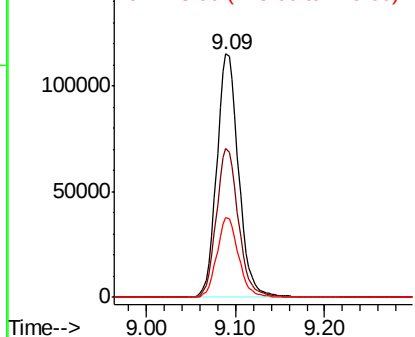
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Instrument :
MSVOA_U
ClientSampleId :
PB113306ZHE#01

Tot Ion:117 Resp: 195376
Ion Ratio Lower Upper
117 100
82 61.2 48.0 72.0
119 32.5 25.8 38.8

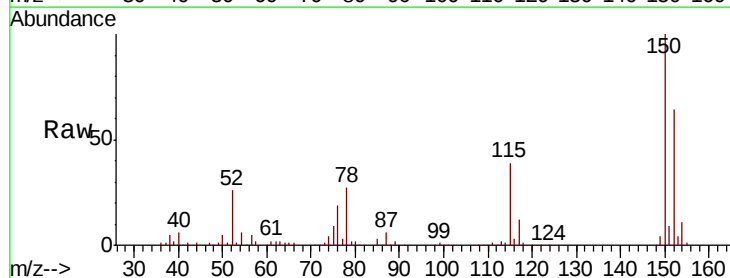


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027290.D
Acq: 28 Sep 2018 23:14

Tgt Ion:152 Resp: 95487
Ion Ratio Lower Upper
152 100
115 58.9 44.9 134.5
150 155.5 0.0 355.8



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

