

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027289.D
 Acq On : 28 Sep 2018 22:50
 Operator : MD/SY
 Sample : PB113306TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB113306TB

Quant Time: Oct 01 01:32:58 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

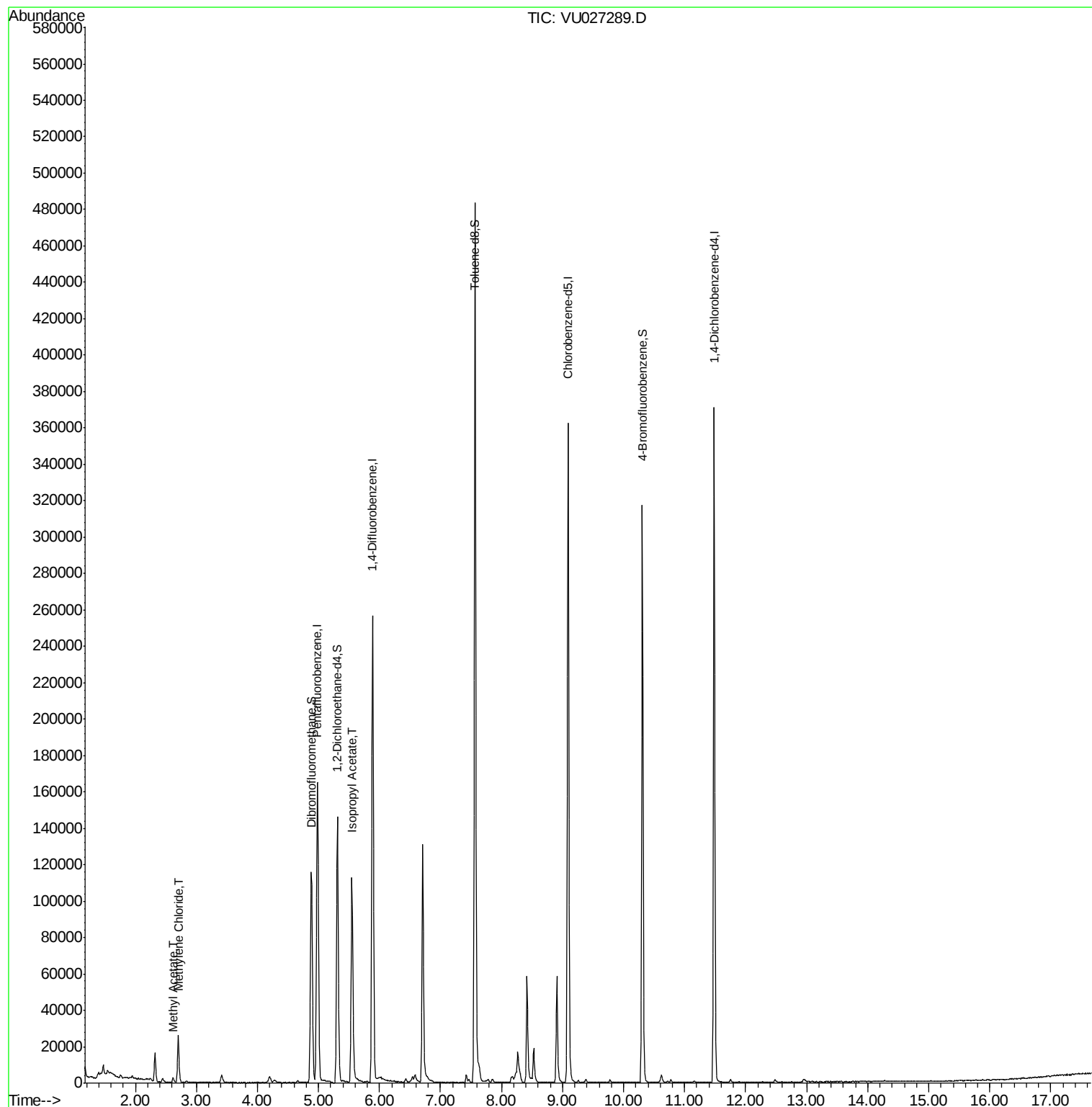
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	121021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	204873	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	193698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	90855	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	111750	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
35) Dibromofluoromethane	4.88	113	79843	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
50) Toluene-d8	7.57	98	314701	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
62) 4-Bromofluorobenzene	10.31	95	107008	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
Target Compounds						
18) Methyl Acetate	2.62	43	3526	1.017	ug/l	95
20) Methylene Chloride	2.70	84	10465	4.797	ug/l	96
43) Isopropyl Acetate	5.55	43	132266	24.502	ug/l	99

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

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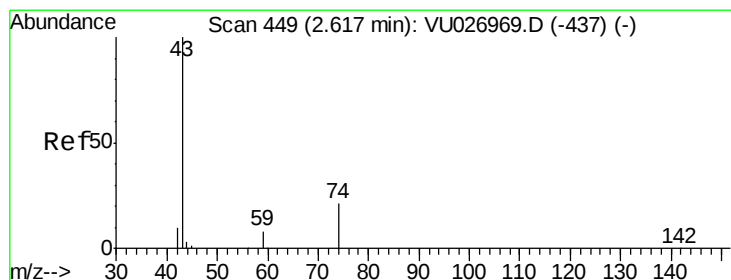
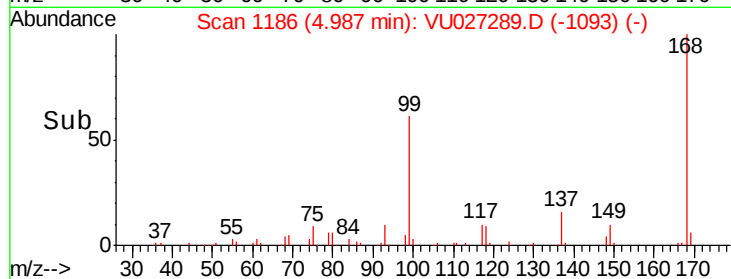
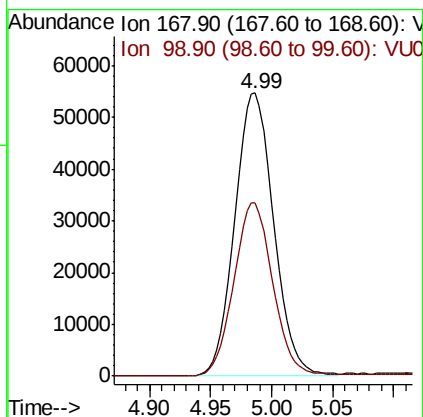
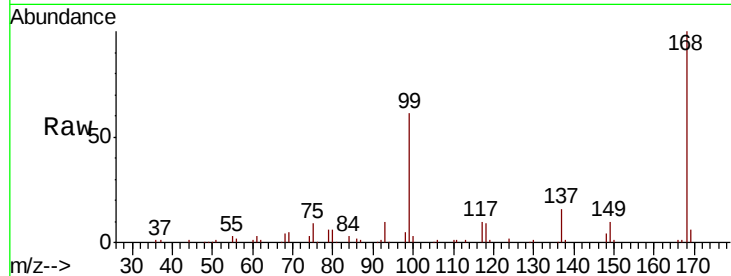




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027289.D
Acq: 28 Sep 2018 22:50

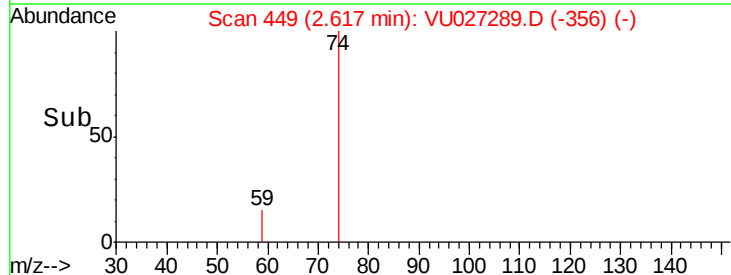
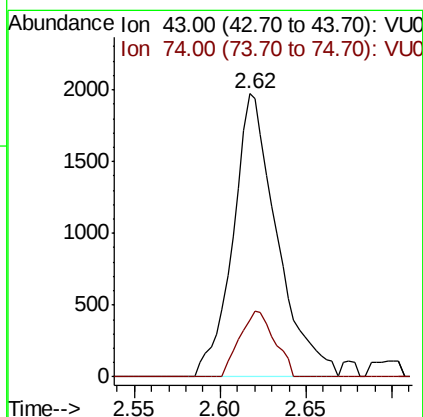
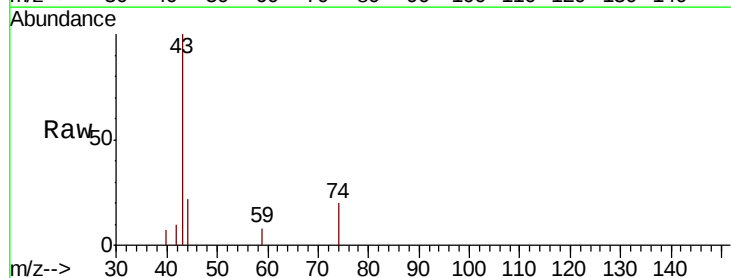
Instrument :
MSVOA_U
ClientSampleId :
PB113306TB

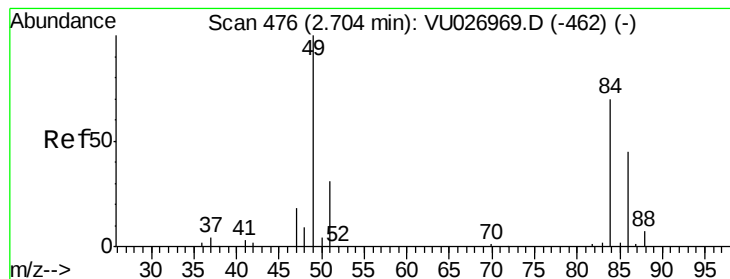
Tot Ion:168 Resp: 121021
Ion Ratio Lower Upper
168 100
99 61.1 48.1 72.1



#18
Methyl Acetate
Concen: 1.017 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027289.D
Acq: 28 Sep 2018 22:50

Tgt Ion: 43 Resp: 3526
Ion Ratio Lower Upper
43 100
74 18.4 16.6 25.0





#20

Methvlene Chloride

Concen: 4.797 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027289.D

Acq: 28 Sep 2018 22:50

Instrument :

MSVOA_U

ClientSampleId :

PB113306TB

Tot Ion: 84 Resp: 10465

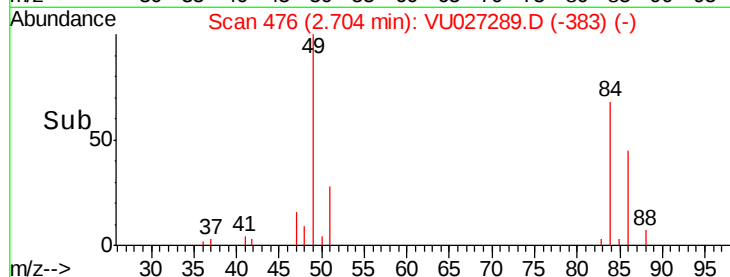
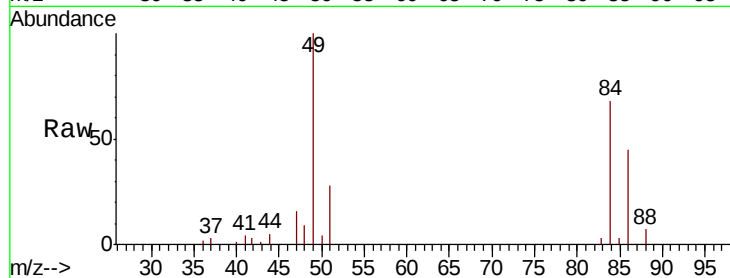
Ion Ratio Lower Upper

84 100

49 148.0 114.9 172.3

51 41.2 35.8 53.8

86 66.0 51.3 76.9

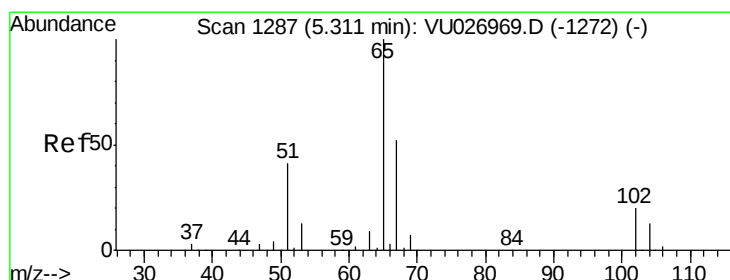
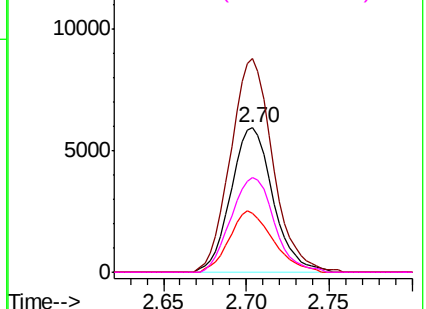


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 45.879 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027289.D

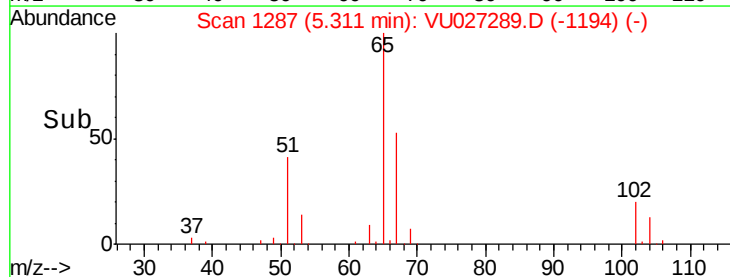
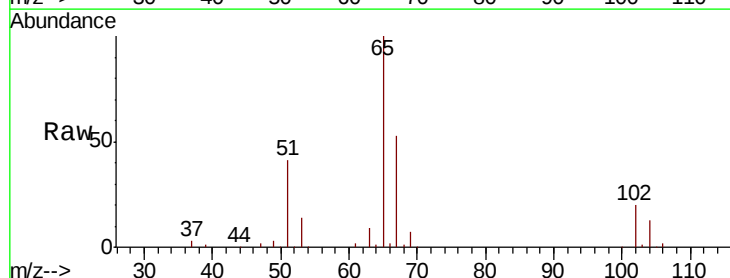
Acq: 28 Sep 2018 22:50

Tgt Ion: 65 Resp: 111750

Ion Ratio Lower Upper

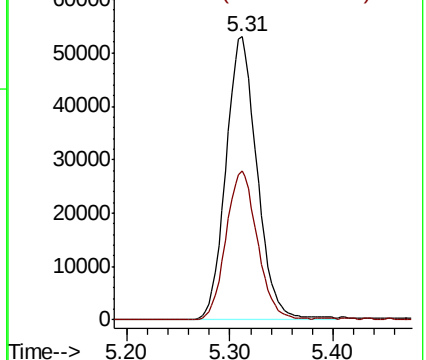
65 100

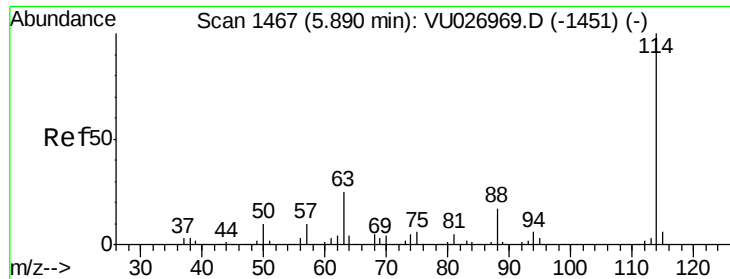
67 52.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

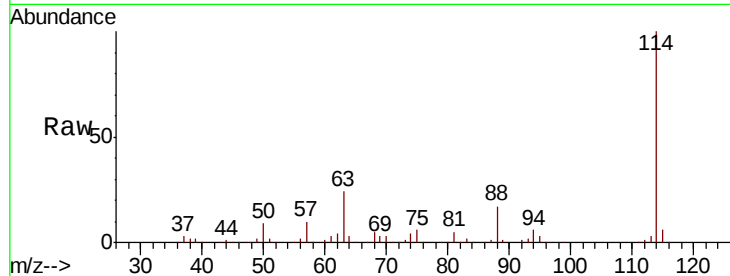




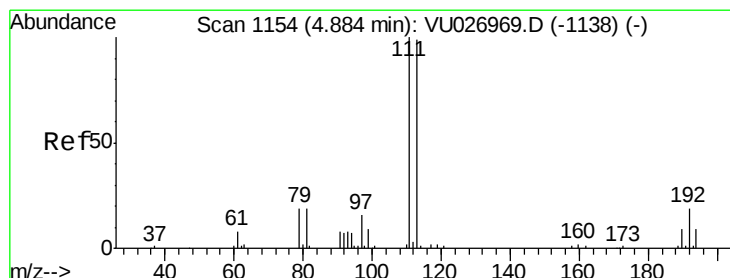
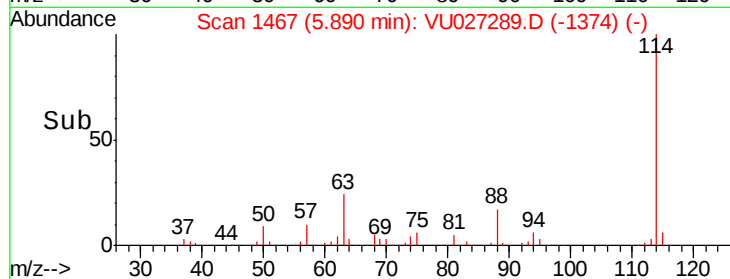
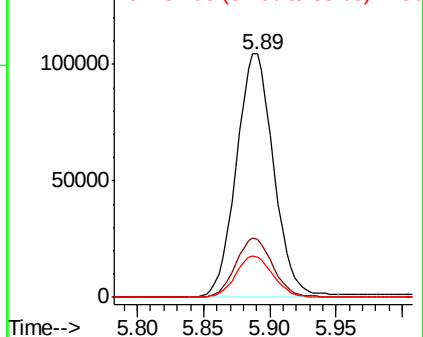
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027289.D
 Acq: 28 Sep 2018 22:50

Instrument :
 MSVOA_U
 ClientSampleId :
 PB113306TB

Tot Ion:114 Resp: 204873
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 49.2
 88 16.6 0.0 33.8

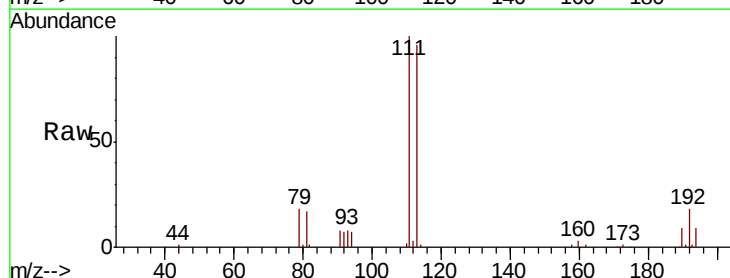


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

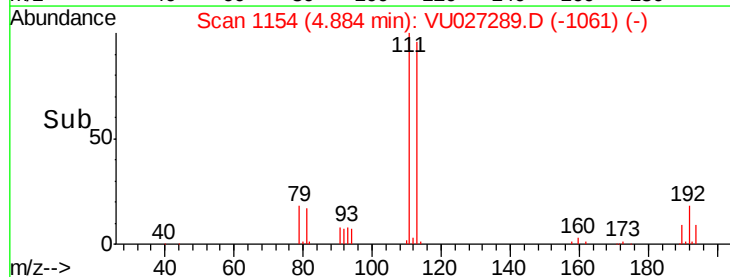
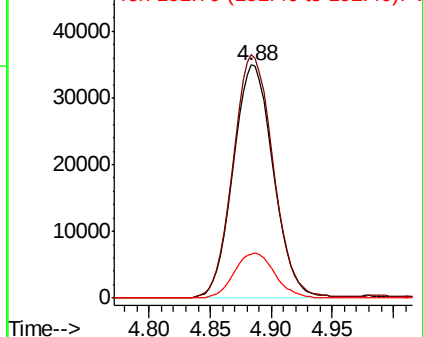


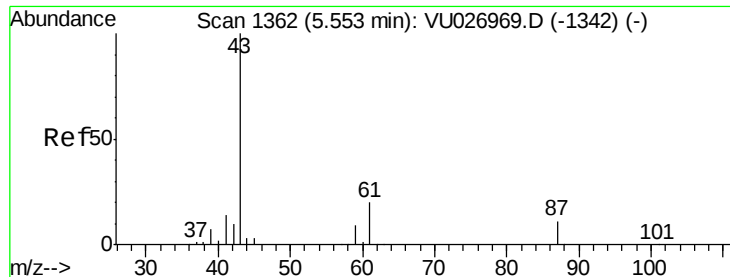
#35
 Dibromofluoromethane
 Concen: 44.961 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027289.D
 Acq: 28 Sep 2018 22:50

Tgt Ion:113 Resp: 79843
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.2 123.4
 192 19.5 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: 24.502 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027289.D

Acq: 28 Sep 2018 22:50

Instrument :

MSVOA_U

ClientSampleId :

PB113306TB

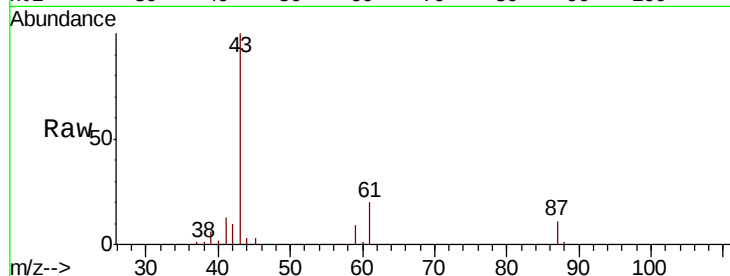
Tot Ion: 43 Resp: 132266

Ion Ratio Lower Upper

43 100

61 19.3 15.7 23.5

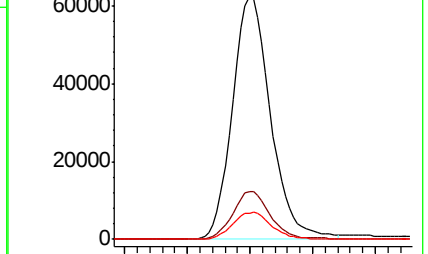
87 11.4 9.0 13.4



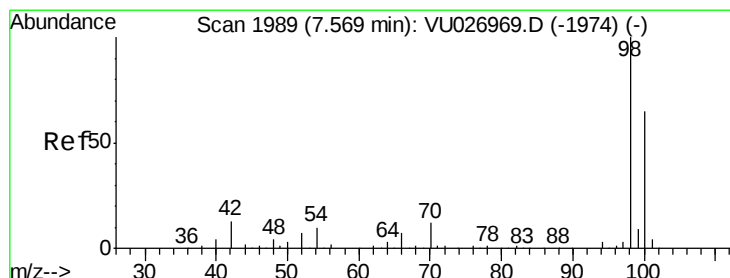
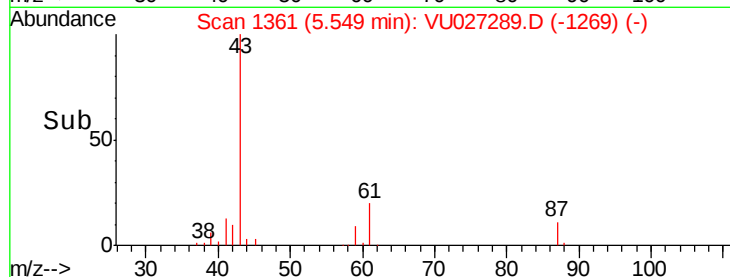
Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU026969.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU026969.D (-1342) (-)



Time-->



#50

Toluene-d8

Concen: 46.500 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027289.D

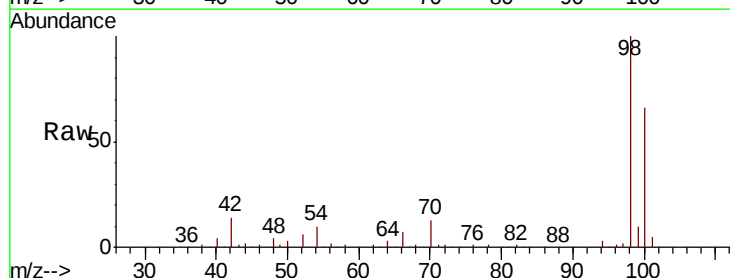
Acq: 28 Sep 2018 22:50

Tgt Ion: 98 Resp: 314701

Ion Ratio Lower Upper

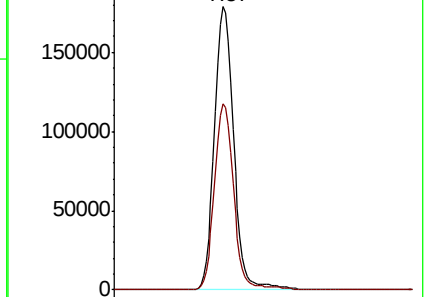
98 100

100 65.5 52.1 78.1

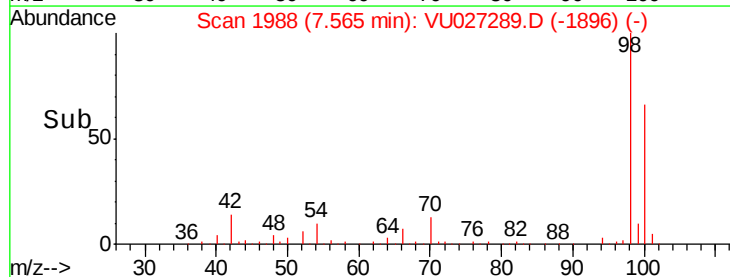


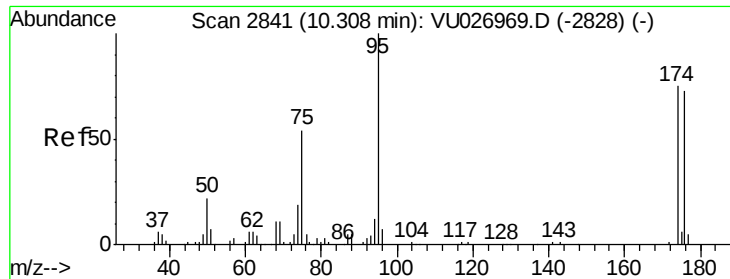
Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)



Time-->

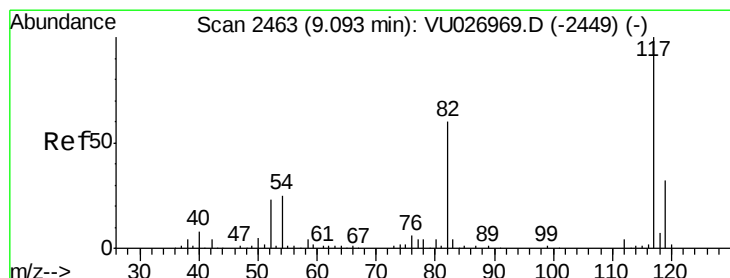
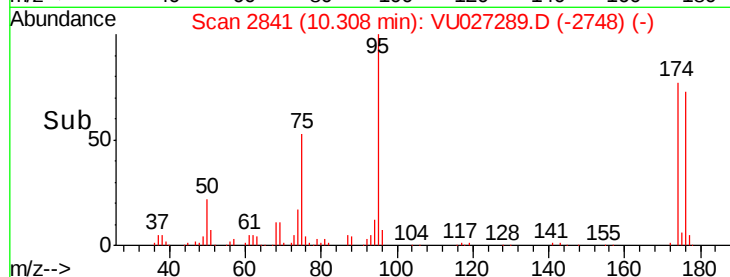
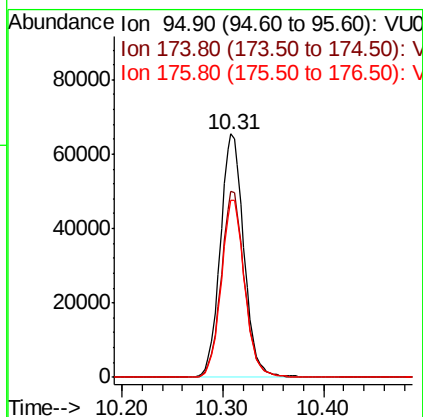
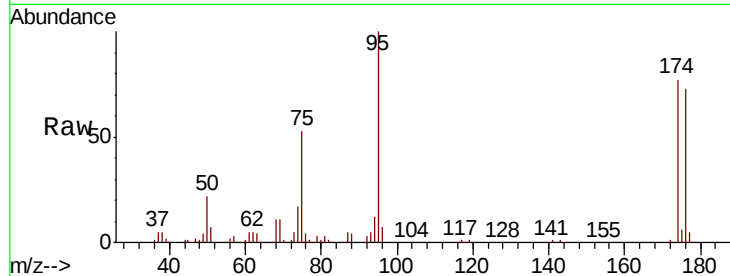




#62
4-Bromofluorobenzene
Concen: 46.080 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027289.D
Acq: 28 Sep 2018 22:50

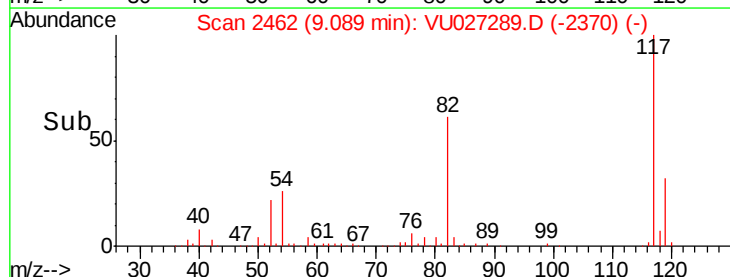
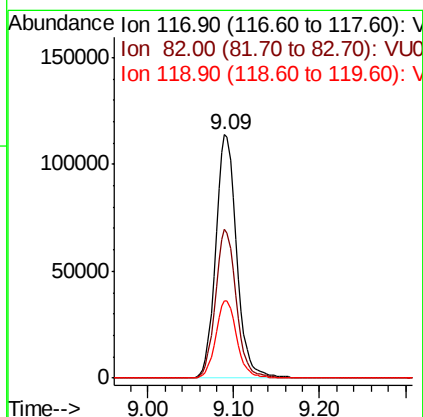
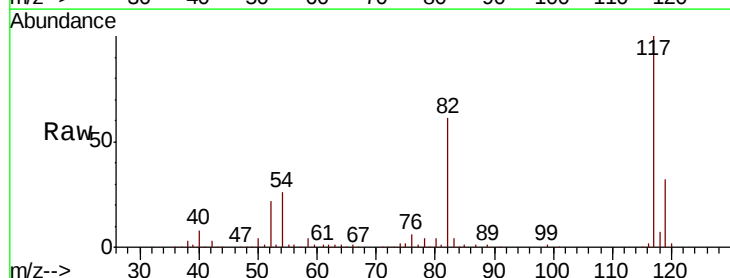
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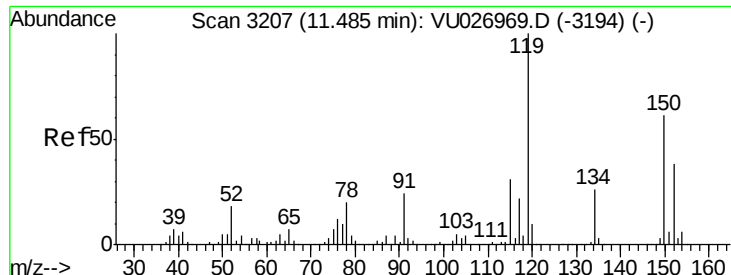
Tot Ion: 95 Resp: 107008
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.2
176 72.2 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027289.D
Acq: 28 Sep 2018 22:50

Tgt Ion: 117 Resp: 193698
Ion Ratio Lower Upper
117 100
82 61.4 48.0 72.0
119 31.8 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027289.D
 Acq: 28 Sep 2018 22:50

Instrument :
 MSVOA_U
 ClientSampleId :
 PB113306TB

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.5	44.9	134.5
150	158.5	0.0	355.8

