

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027292.D
 Acq On : 29 Sep 2018 00:00
 Operator : MD/SY
 Sample : PB113306ZHE#03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB113306ZHE#03

Quant Time: Oct 01 01:37:39 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

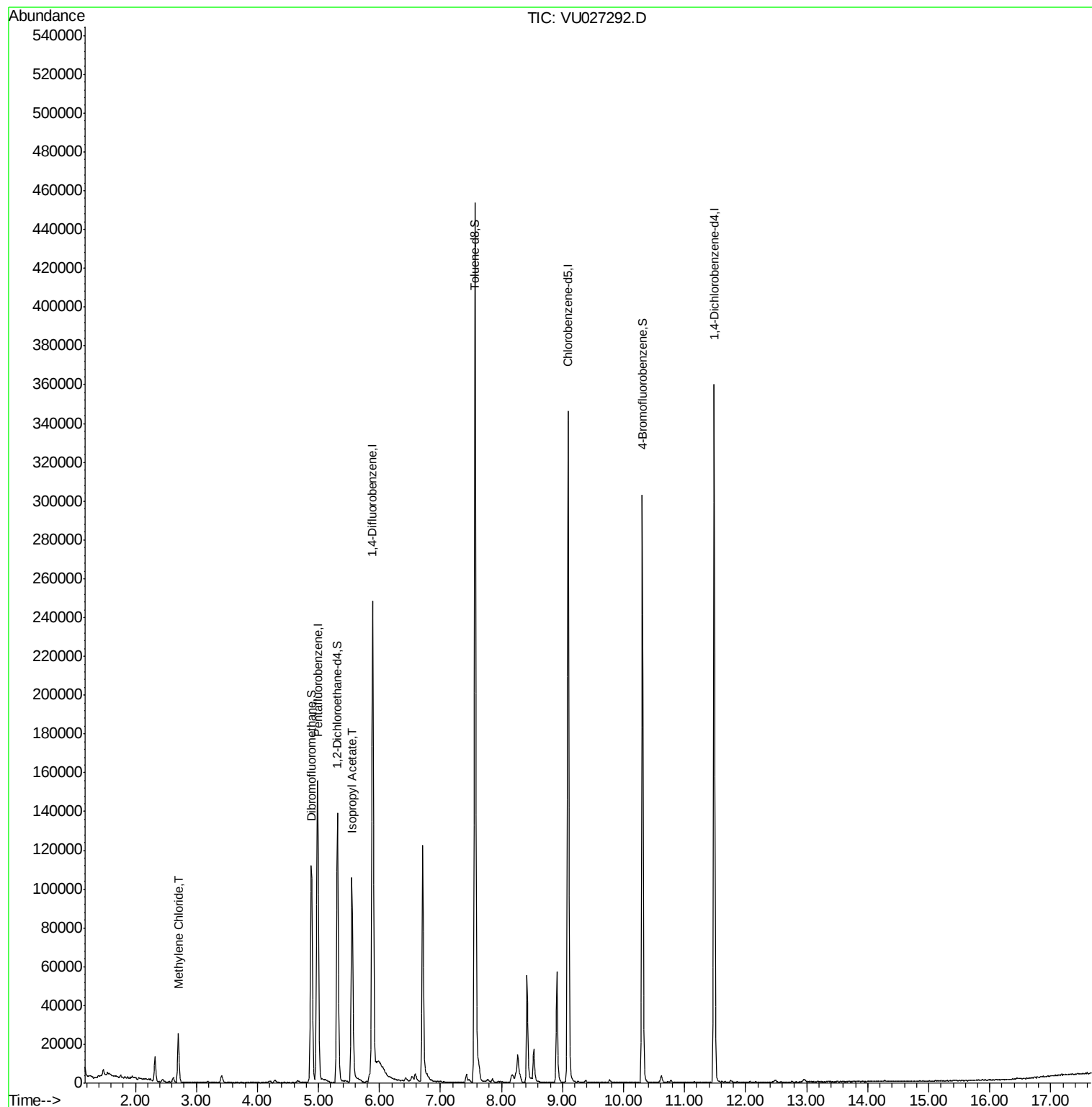
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	112471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	192390	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	182430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	86631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	107091	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
35) Dibromofluoromethane	4.88	113	76809	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
50) Toluene-d8	7.57	98	298805	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
62) 4-Bromofluorobenzene	10.31	95	100472	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
Target Compounds						
20) Methylene Chloride	2.70	84	10524	5.191	ug/l	96
43) Isopropyl Acetate	5.55	43	125074	24.673	ug/l	99

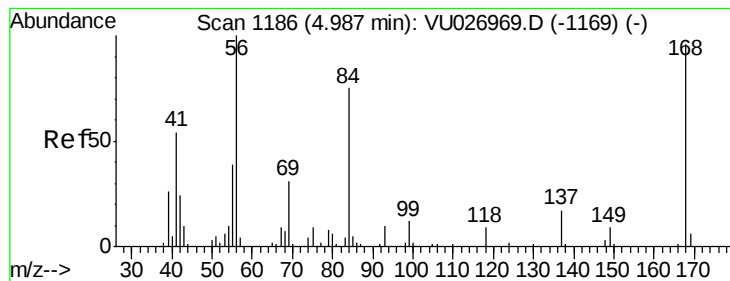
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027292.D

Acq: 29 Sep 2018 00:00

Instrument :

MSVOA_U

ClientSampleId :

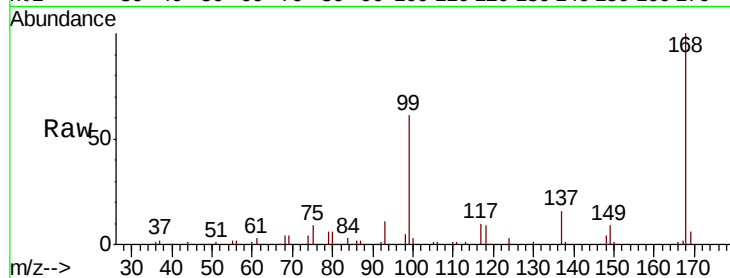
PB113306ZHE#03

Tot Ion:168 Resp: 112471

Ion Ratio Lower Upper

168 100

99 60.6 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

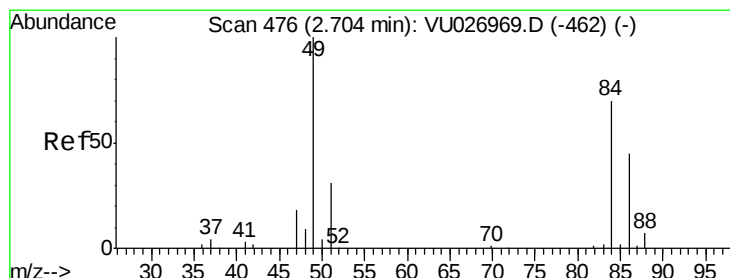
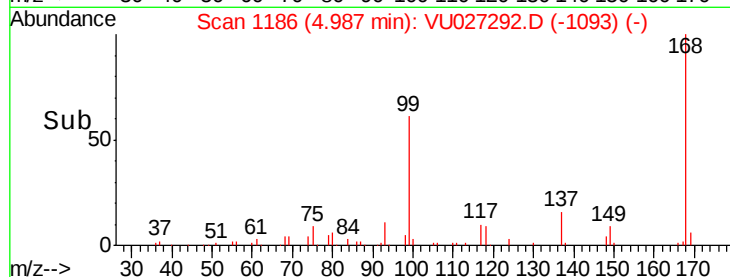
20000

10000

0

Time-->

4.90 4.95 5.00 5.05



#20

Methylene Chloride

Concen: 5.191 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027292.D

Acq: 29 Sep 2018 00:00

Tgt Ion: 84 Resp: 10524

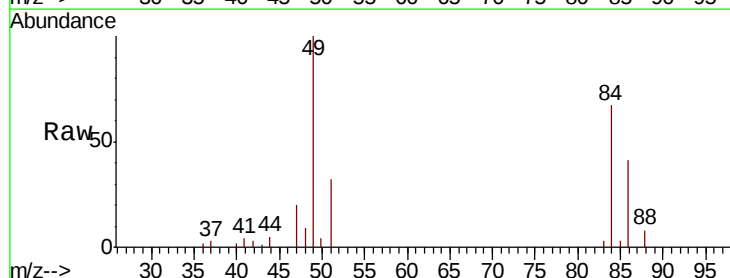
Ion Ratio Lower Upper

84 100

49 149.2 114.9 172.3

51 48.2 35.8 53.8

86 61.2 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) (-)

12000

10000

8000

6000

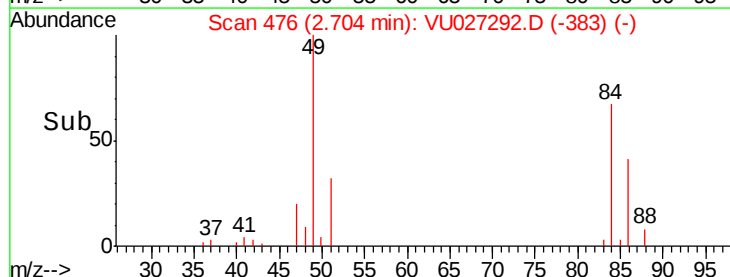
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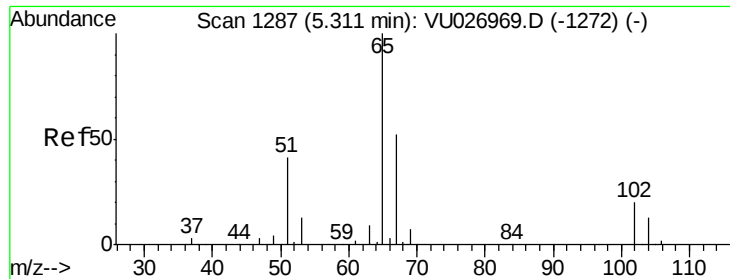
2000

0

Time-->

2.65 2.70 2.75

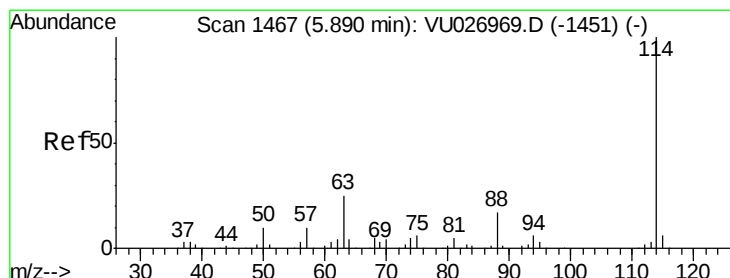
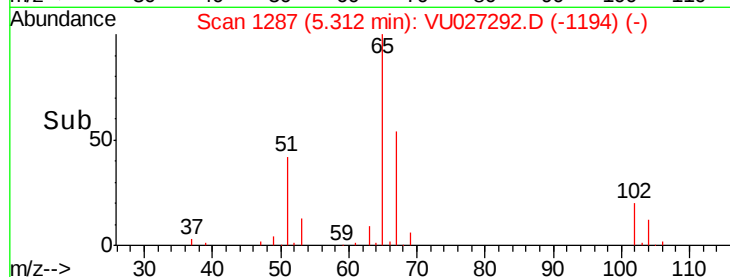
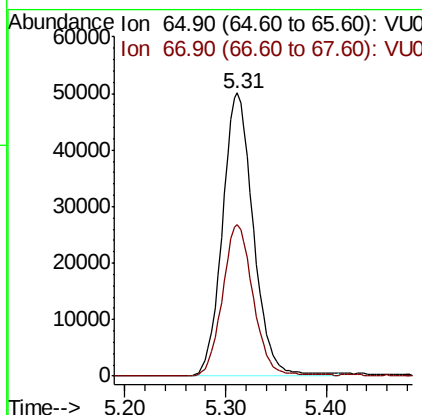
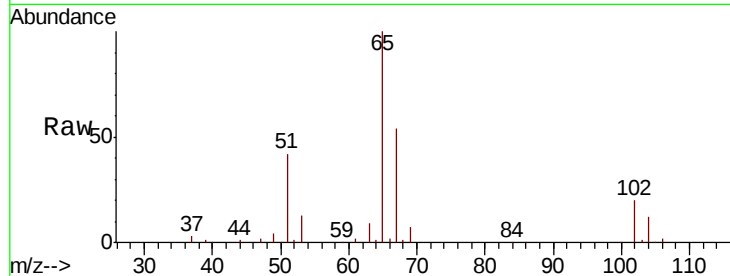




#33
 1,2-Dichloroethane-d4
 Concen: 47.309 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027292.D
 Acq: 29 Sep 2018 00:00

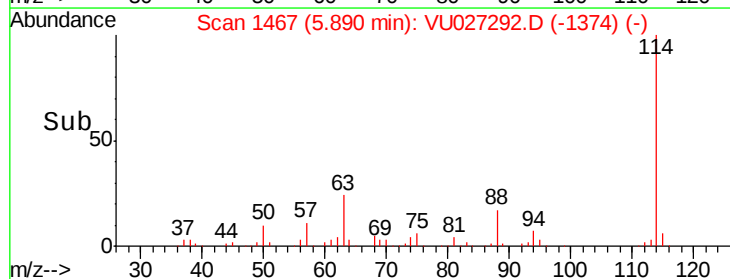
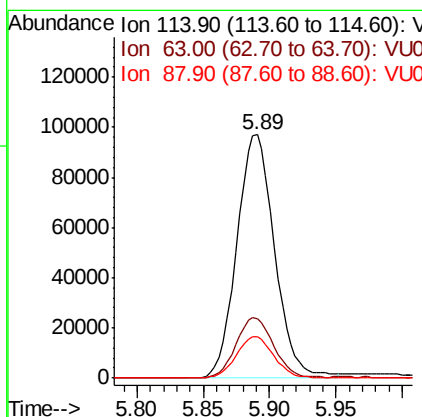
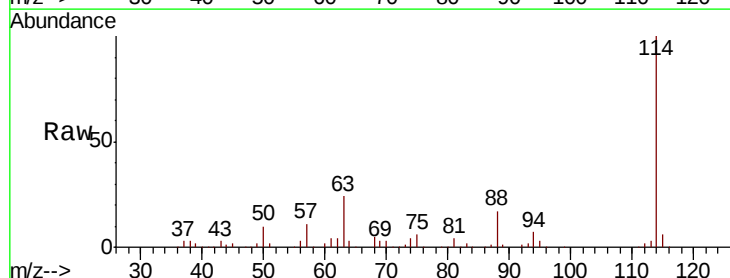
Instrument :
 MSVOA_U
 ClientSampleId :
 PB113306ZHE#03

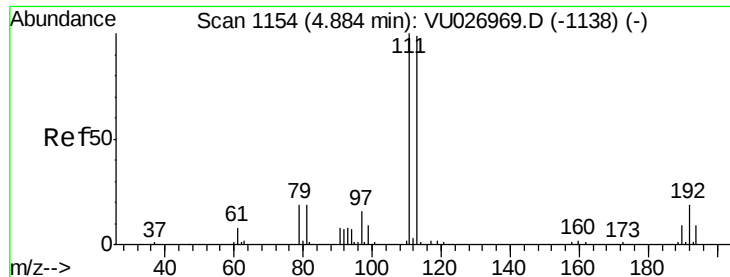
Tot Ion: 65 Resp: 107091
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027292.D
 Acq: 29 Sep 2018 00:00

Tgt Ion: 114 Resp: 192390
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 16.9 0.0 33.8

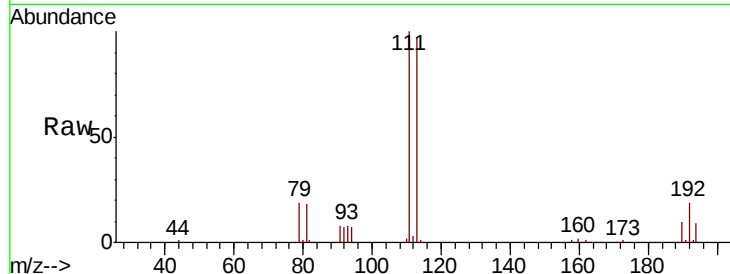




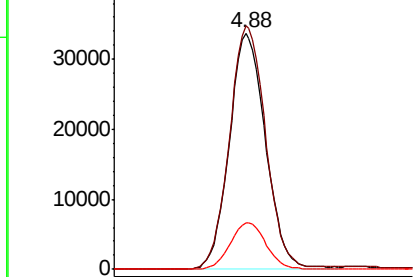
#35
 Dibromofluoromethane
 Concen: 46.058 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027292.D
 Acq: 29 Sep 2018 00:00

Instrument :
 MSVOA_U
 ClientSampleId :
 PB113306ZHE#03

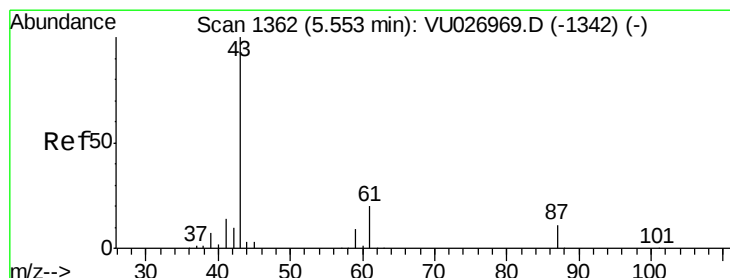
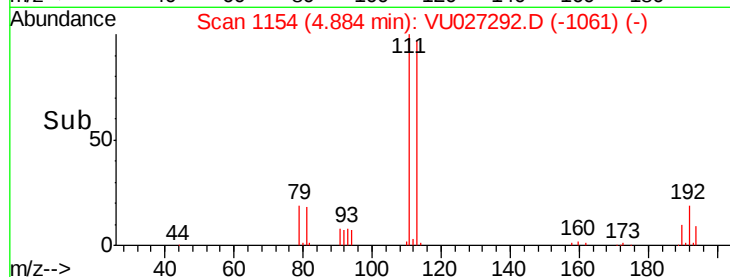
Tot Ion:113 Resp: 76809
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 19.5 15.2 22.8



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

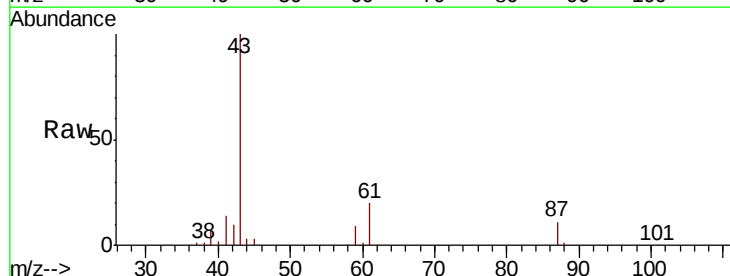


Time-->

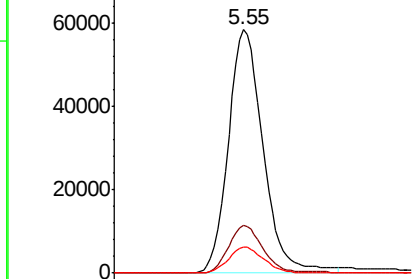


#43
 Isopropyl Acetate
 Concen: 24.673 ug/l
 RT: 5.55 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: VU027292.D
 Acq: 29 Sep 2018 00:00

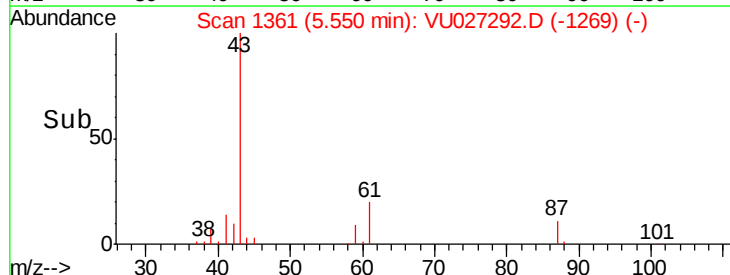
Tgt Ion: 43 Resp: 125074
 Ion Ratio Lower Upper
 43 100
 61 19.5 15.7 23.5
 87 10.7 9.0 13.4

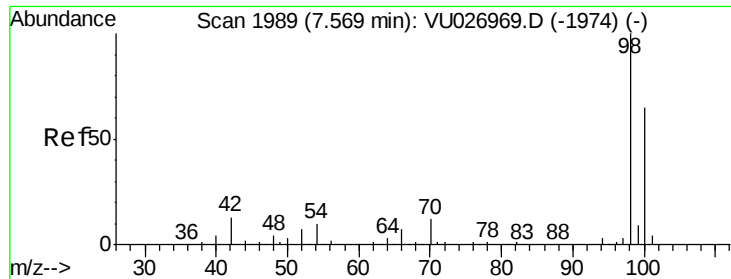


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0



Time-->

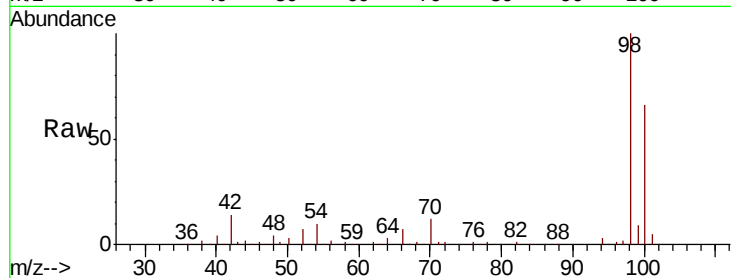




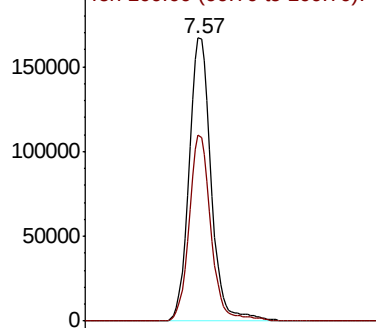
#50
Toluene-d8
Concen: 47.016 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027292.D
Acq: 29 Sep 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
PB113306ZHE#03

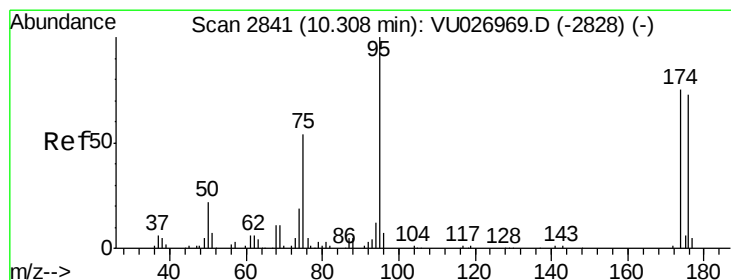
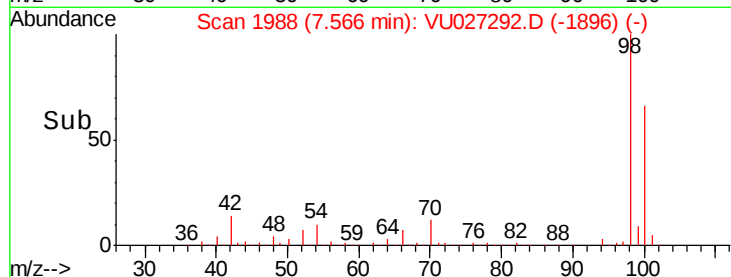
Tot Ion: 98 Resp: 298805
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)
Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

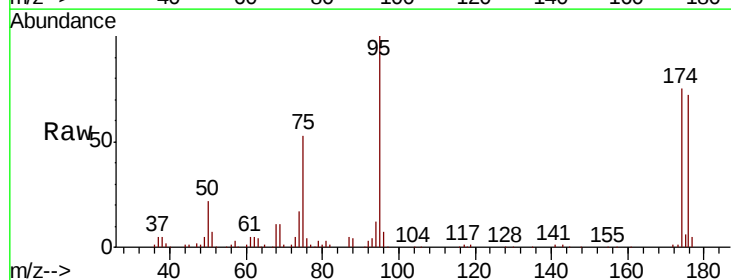


Time-->

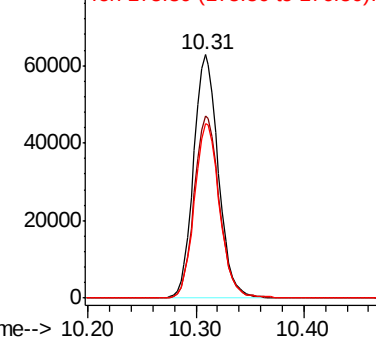


#62
4-Bromofluorobenzene
Concen: 46.072 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027292.D
Acq: 29 Sep 2018 00:00

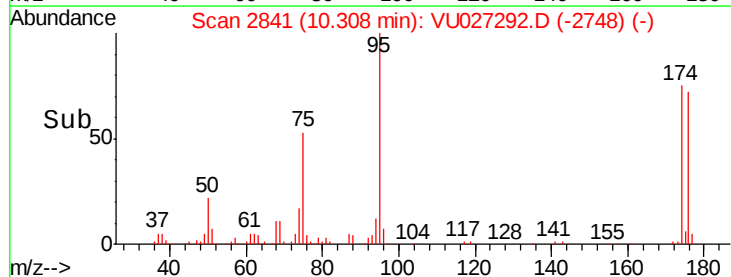
Tgt Ion: 95 Resp: 100472
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.2
176 73.0 0.0 145.2

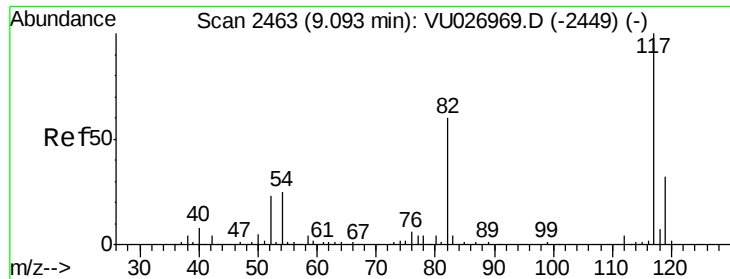


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)



Time-->

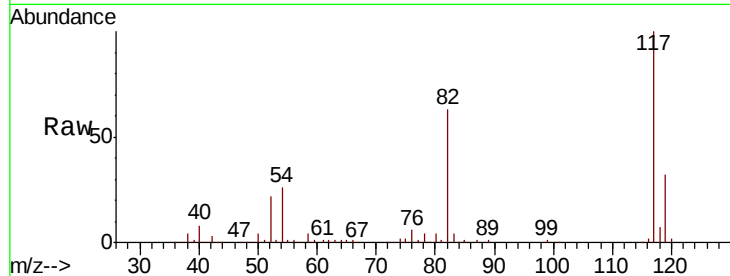




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027292.D
Acq: 29 Sep 2018 00:00

Instrument :
MSVOA_U
ClientSampleId :
PB113306ZHE#03

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.8	48.0	72.0
119	32.3	25.8	38.8

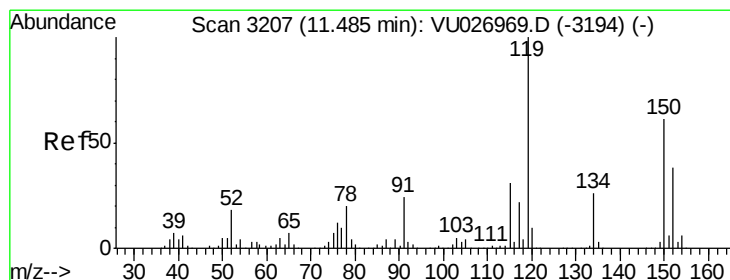
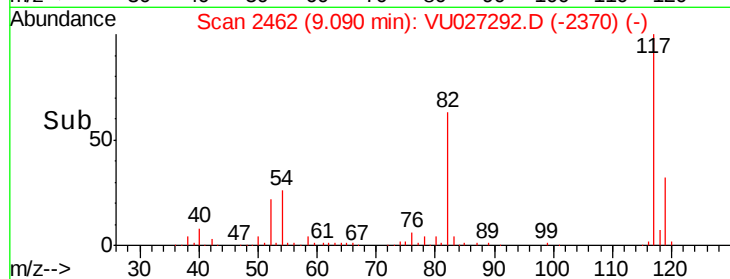
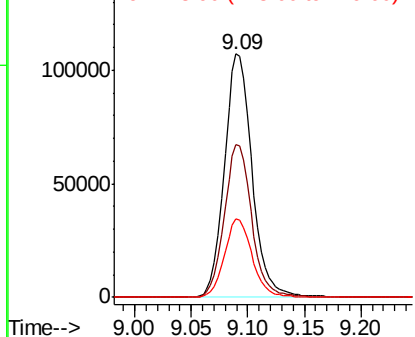


Abundance

Ion 116.90 (116.60 to 117.60): V

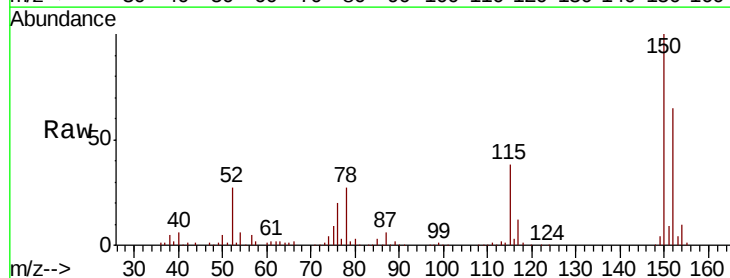
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027292.D
Acq: 29 Sep 2018 00:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	44.9	134.5
150	157.0	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

