

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029188.D
 Acq On : 15 Jan 2019 16:20
 Operator : JC/SP
 Sample : PB116371ZHE#10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371ZHE#10

Quant Time: Jan 16 06:37:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

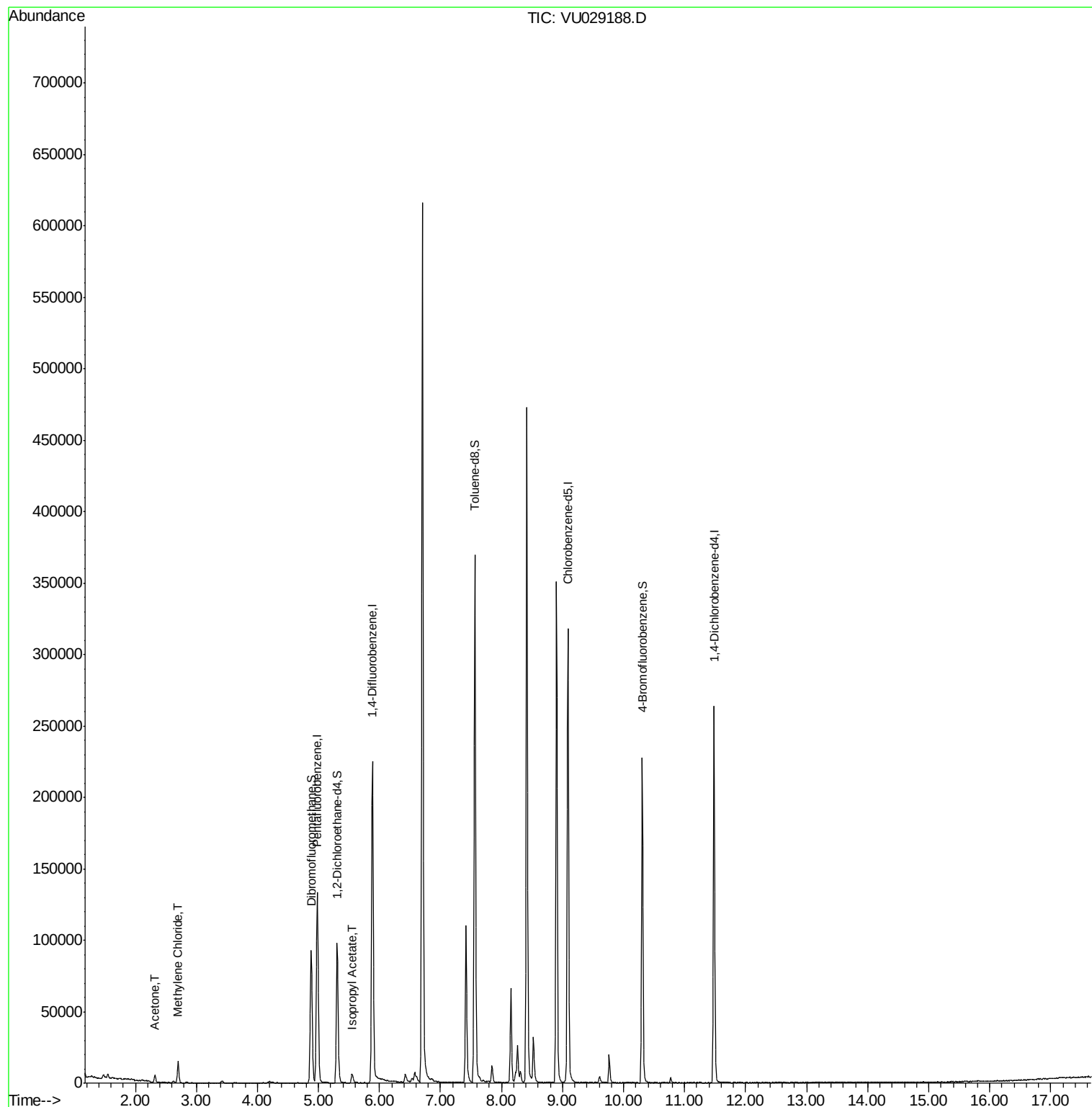
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	191759	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	184158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	76422	57.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.58%	
35) Dibromofluoromethane	4.88	113	65376	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
50) Toluene-d8	7.56	98	251950	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	10.30	95	79075	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
Target Compounds						
16) Acetone	2.32	43	5944	7.074	ug/l	98
20) Methylene Chloride	2.70	84	7087	4.967	ug/l	96
43) Isopropyl Acetate	5.55	43	8096	2.509	ug/l	95

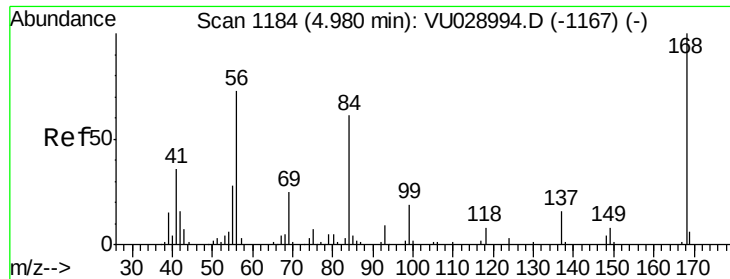
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029188.D

Acq: 15 Jan 2019 16:20

Instrument :

MSVOA_U

ClientSampleId :

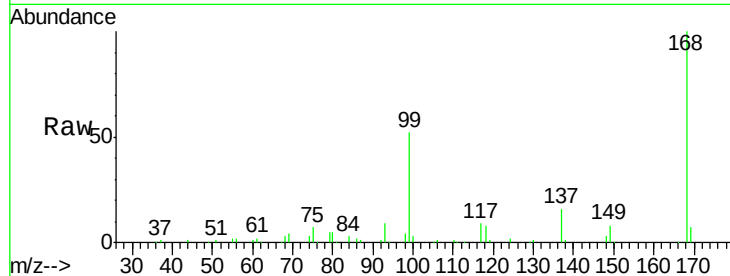
PB116371ZHE#10

Tot Ion:168 Resp: 107902

Ion Ratio Lower Upper

168 100

99 51.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

50000

40000

30000

20000

10000

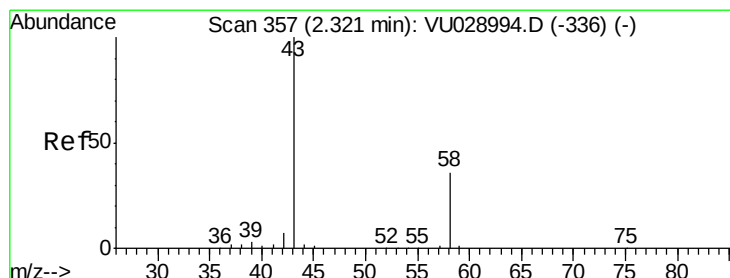
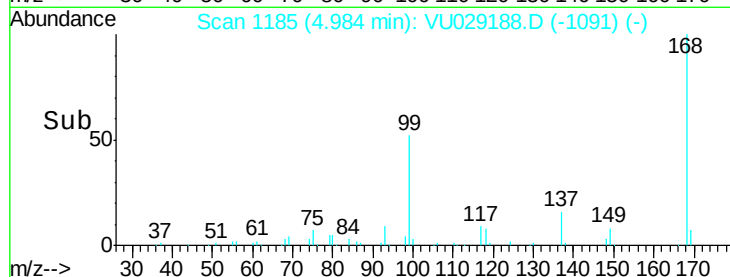
0

4.90

5.00

5.10

Time-->



#16

Acetone

Concen: 7.074 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029188.D

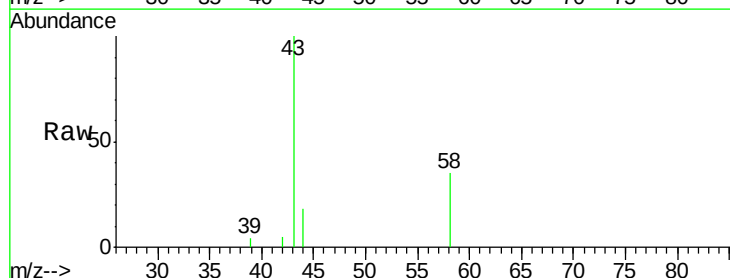
Acq: 15 Jan 2019 16:20

Tgt Ion: 43 Resp: 5944

Ion Ratio Lower Upper

43 100

58 34.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

2.32

4000

3000

2000

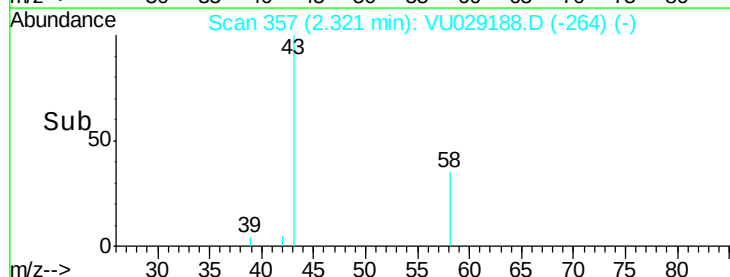
1000

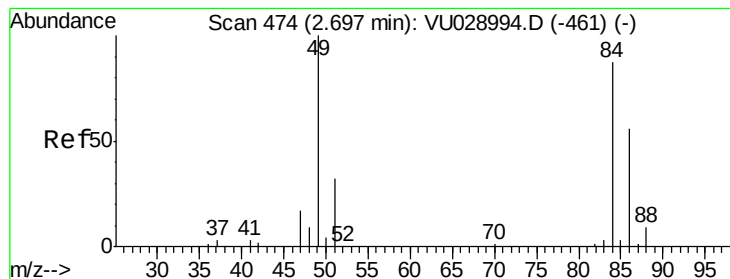
0

2.30

2.35

Time-->





#20

Methylene Chloride

Concen: 4.967 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029188.D

Acq: 15 Jan 2019 16:20

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#10

Tot Ion: 84 Resp: 7087

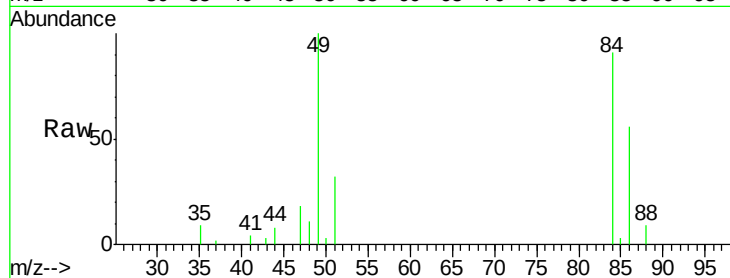
Ion Ratio Lower Upper

84 100

49 109.5 91.9 137.9

51 35.4 29.2 43.8

86 61.6 51.8 77.6

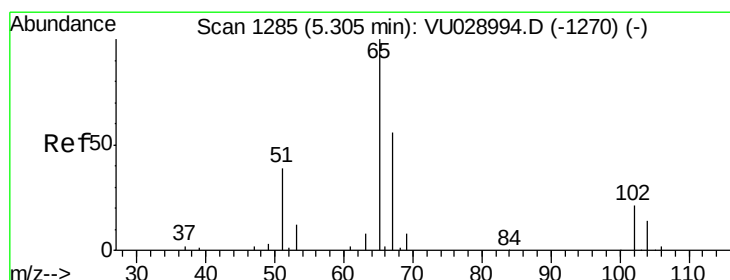
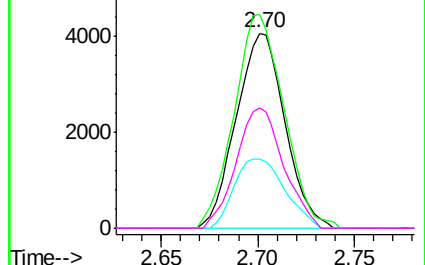
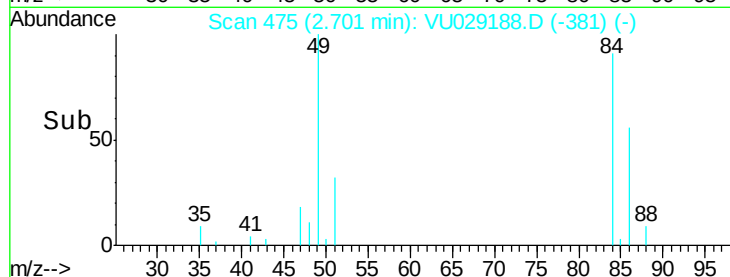


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 57.293 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029188.D

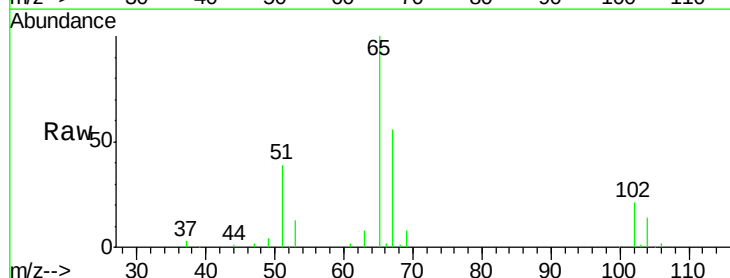
Acq: 15 Jan 2019 16:20

Tgt Ion: 65 Resp: 76422

Ion Ratio Lower Upper

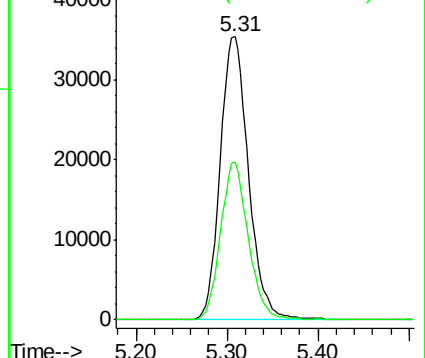
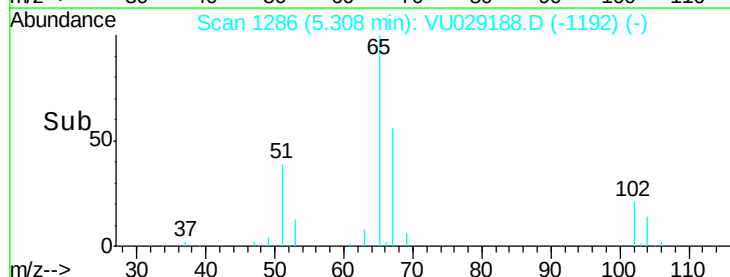
65 100

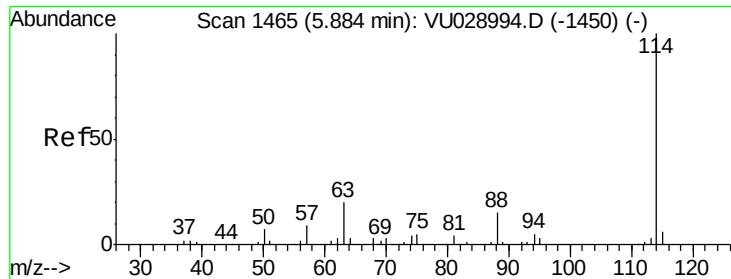
67 54.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

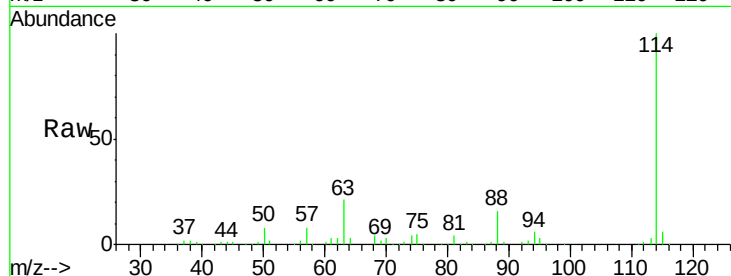




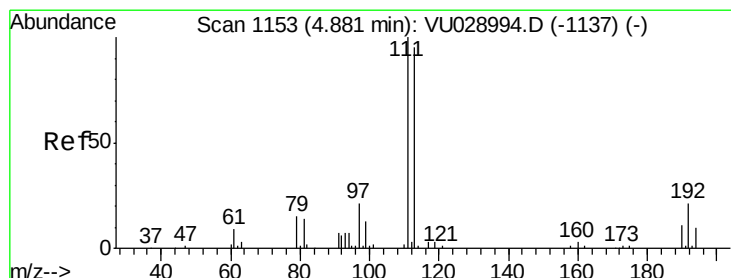
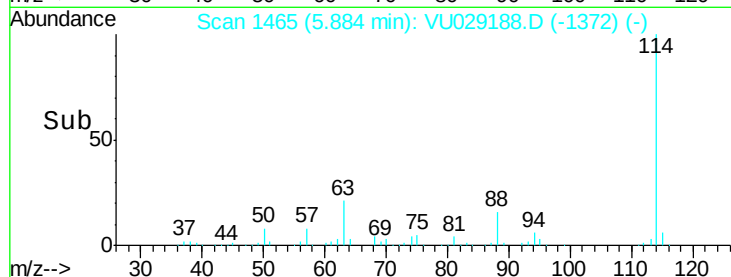
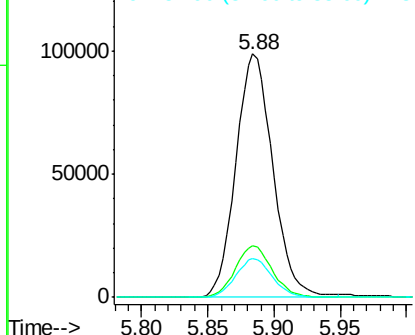
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU029188.D
Acq: 15 Jan 2019 16:20

Instrument :
MSVOA_U
ClientSampleId :
PB116371ZHE#10

Tot Ion:114 Resp: 191759
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.2
88 15.9 0.0 30.4

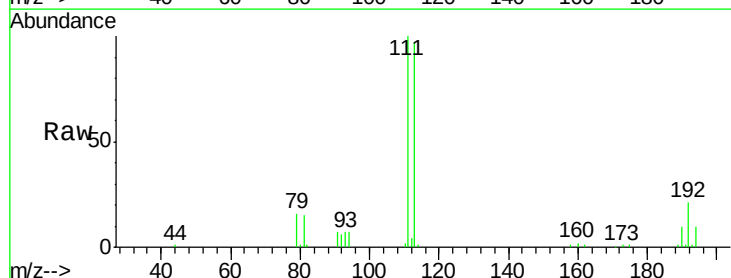


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

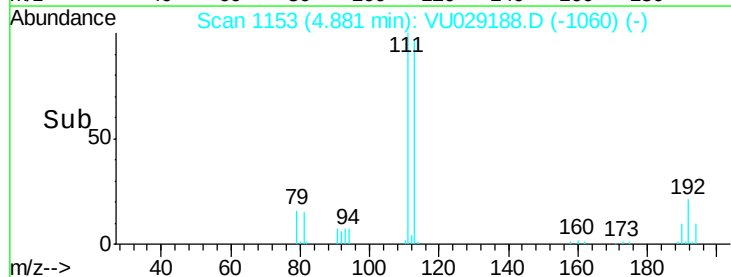
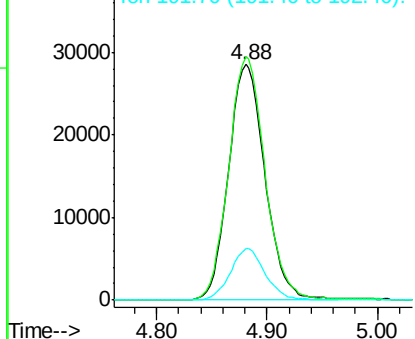


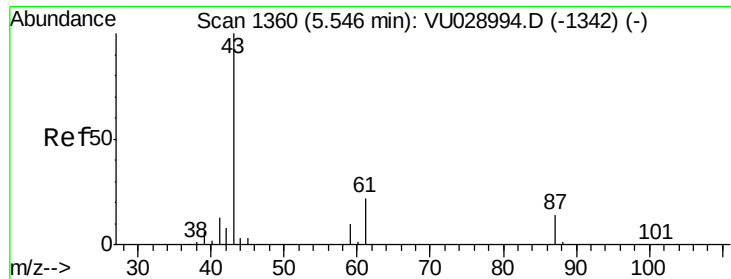
#35
Dibromofluoromethane
Concen: 52.594 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VU029188.D
Acq: 15 Jan 2019 16:20

Tgt Ion:113 Resp: 65376
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.2
192 20.9 16.8 25.2



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: 2.509 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029188.D

Acq: 15 Jan 2019 16:20

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#10

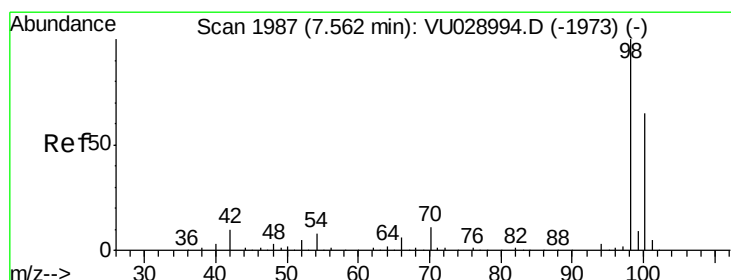
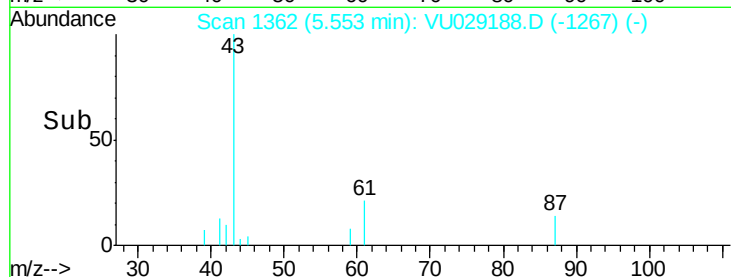
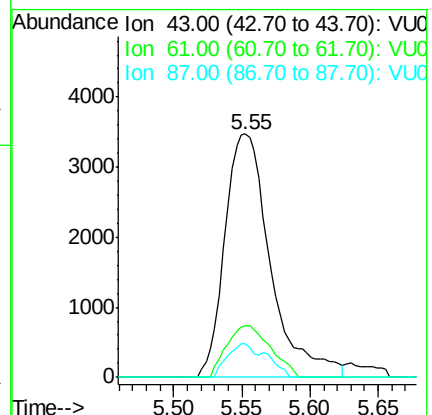
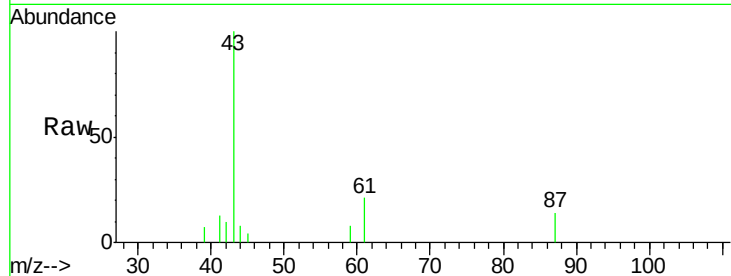
Tot Ion: 43 Resp: 8096

Ion Ratio Lower Upper

43 100

61 20.2 17.8 26.6

87 11.8 11.3 16.9



#50

Toluene-d8

Concen: 51.341 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029188.D

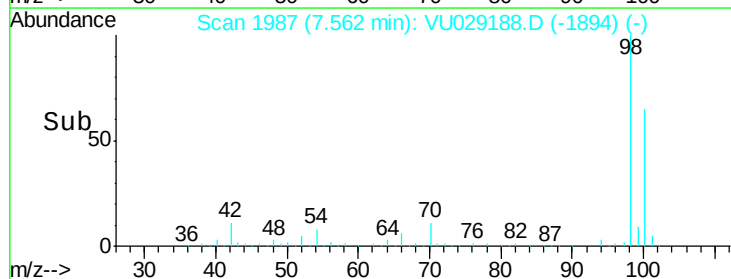
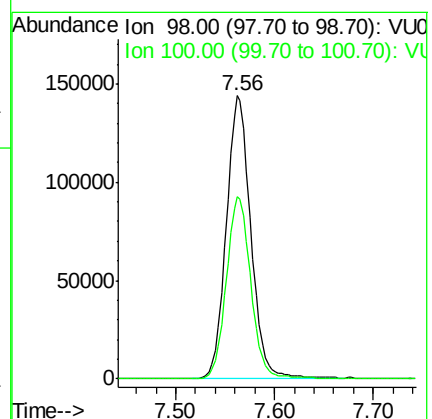
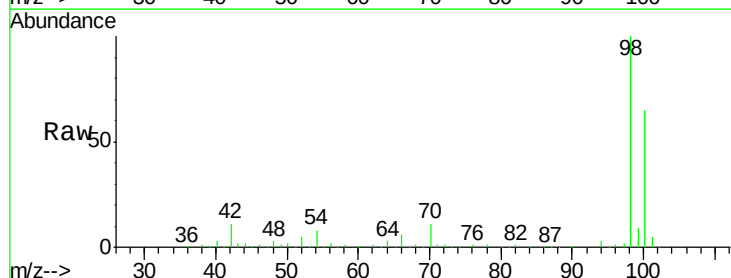
Acq: 15 Jan 2019 16:20

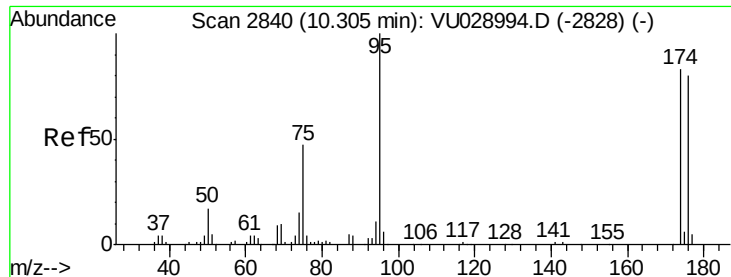
Tgt Ion: 98 Resp: 251950

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4

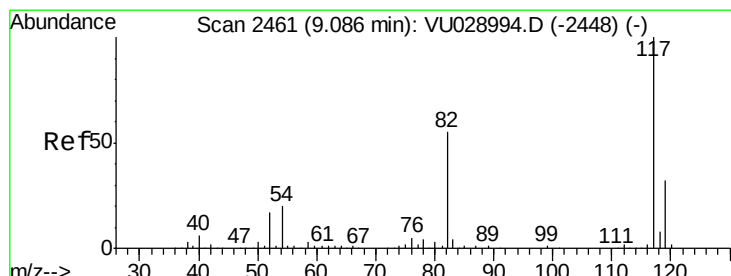
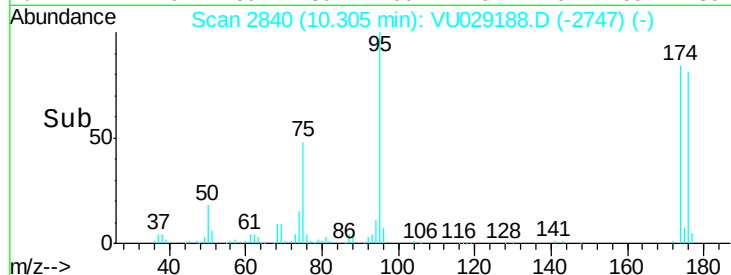
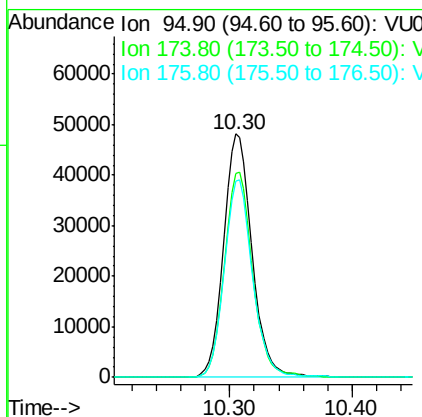
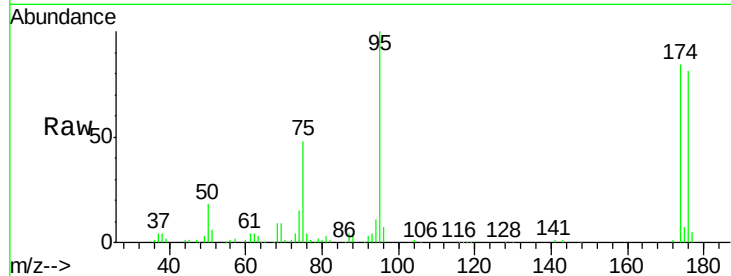




#62
4-Bromofluorobenzene
Concen: 44.837 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029188.D
Acq: 15 Jan 2019 16:20

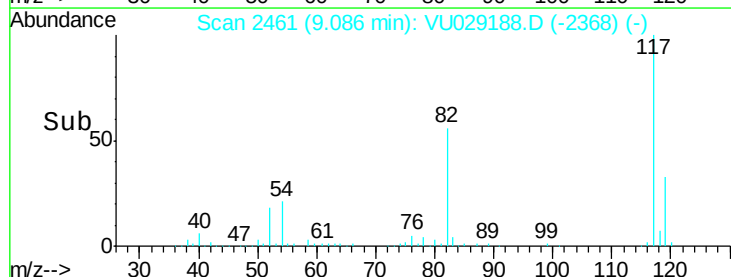
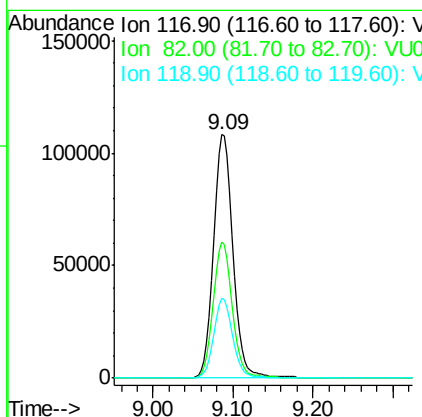
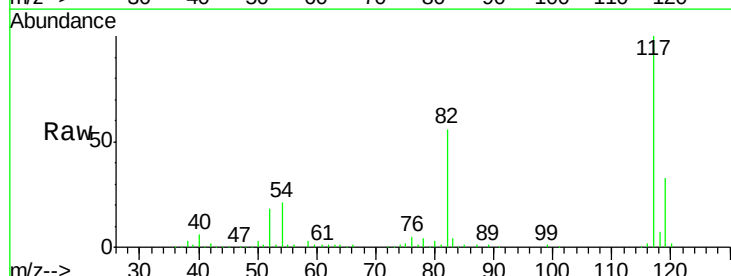
Instrument :
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PB116371ZHE#10

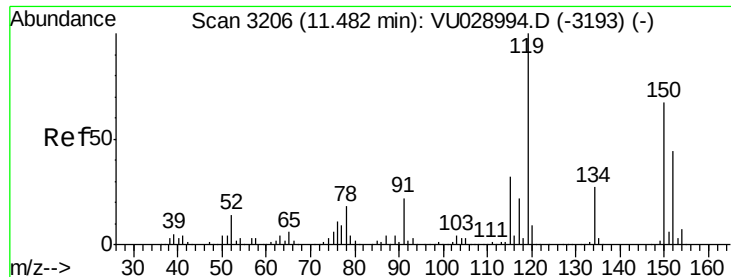
Tot Ion: 95 Resp: 79075
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.6
176 80.8 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029188.D
Acq: 15 Jan 2019 16:20

Tgt Ion: 117 Resp: 184158
Ion Ratio Lower Upper
117 100
82 56.0 43.9 65.9
119 32.8 26.0 39.0

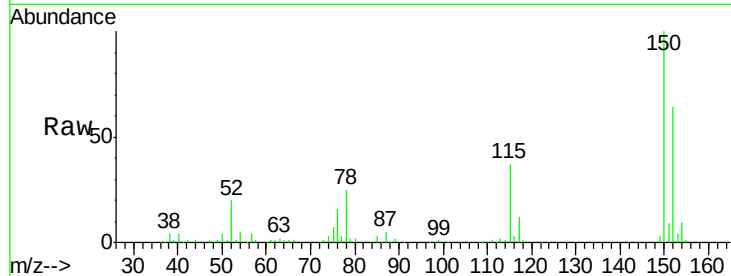




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU029188.D
 Acq: 15 Jan 2019 16:20

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371ZHE#10

Tot Ion:152 Resp: 73142
 Ion Ratio Lower Upper
 152 100
 115 56.7 40.1 120.3
 150 156.3 0.0 345.2



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

