

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029184.D
 Acq On : 15 Jan 2019 14:43
 Operator : JC/SP
 Sample : PB116371ZHE#06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371ZHE#06

Quant Time: Jan 16 06:16:47 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

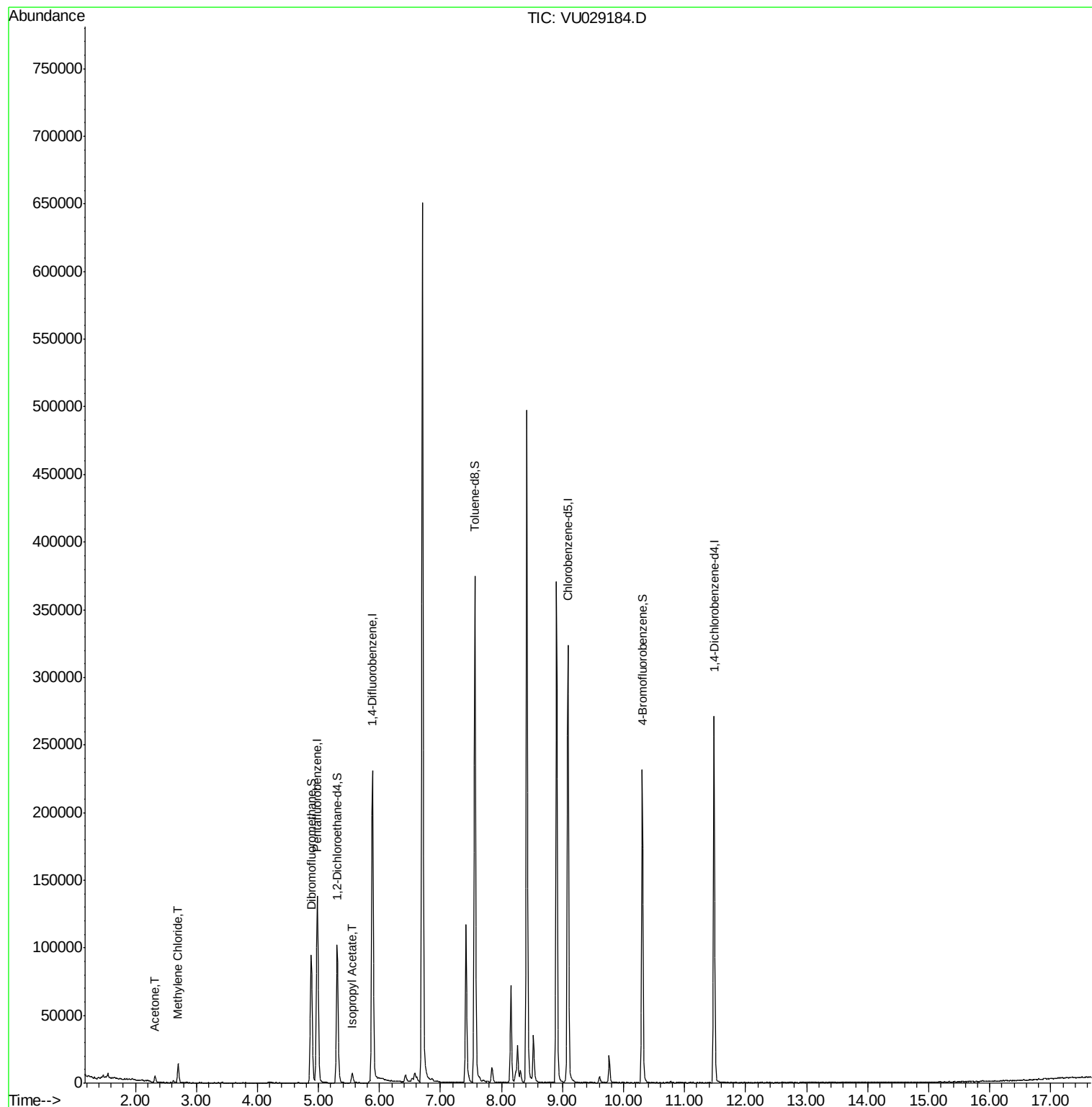
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	111706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	200838	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	187519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	77055	55.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.60%	
35) Dibromofluoromethane	4.88	113	66818	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	7.56	98	257843	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	10.30	95	80668	43.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.34%	
Target Compounds						
16) Acetone	2.32	43	5455	6.271	ug/l	95
20) Methylene Chloride	2.70	84	6113	4.139	ug/l	94
43) Isopropyl Acetate	5.55	43	8543	2.527	ug/l	96

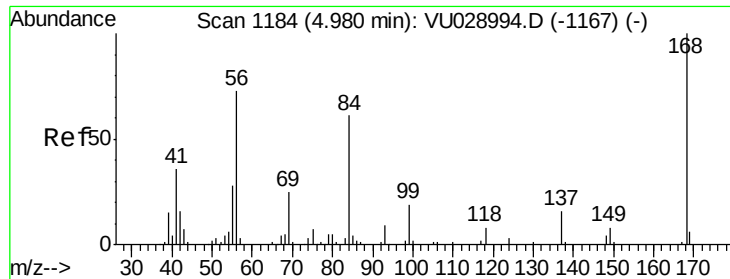
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029184.D

Acq: 15 Jan 2019 14:43

Instrument :

MSVOA_U

ClientSampleId :

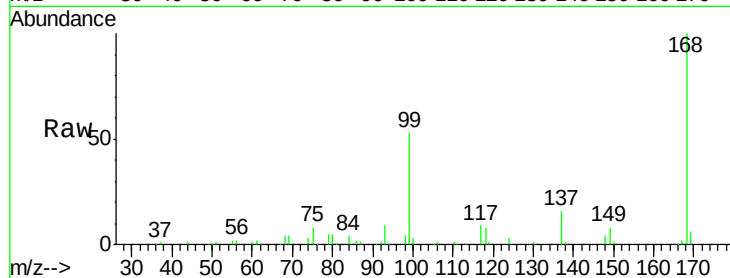
PB116371ZHE#06

Tot Ion:168 Resp: 111706

Ion Ratio Lower Upper

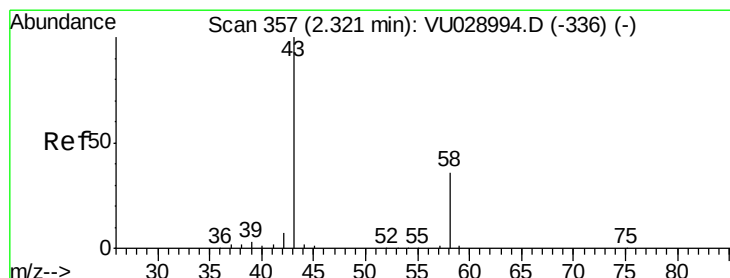
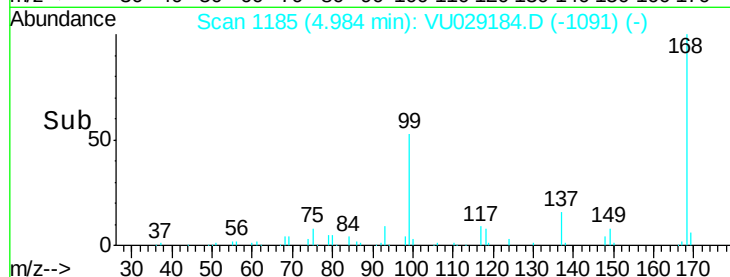
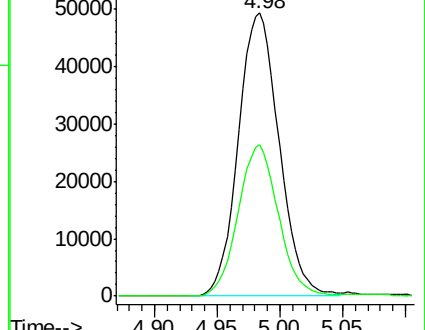
168 100

99 53.3 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) (-)



#16

Acetone

Concen: 6.271 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU029184.D

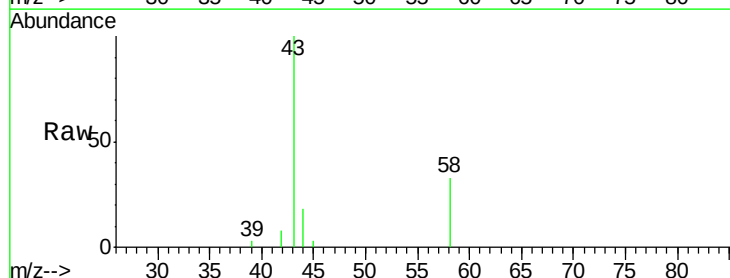
Acq: 15 Jan 2019 14:43

Tgt Ion: 43 Resp: 5455

Ion Ratio Lower Upper

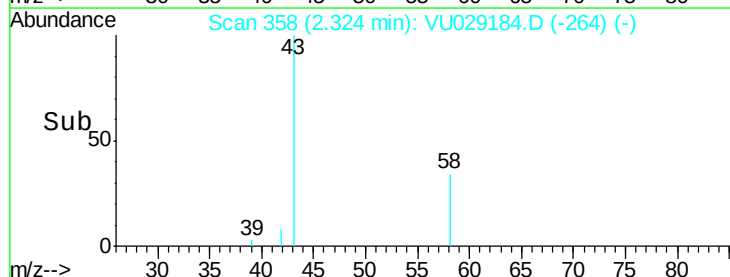
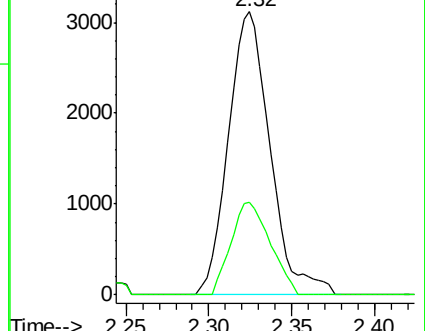
43 100

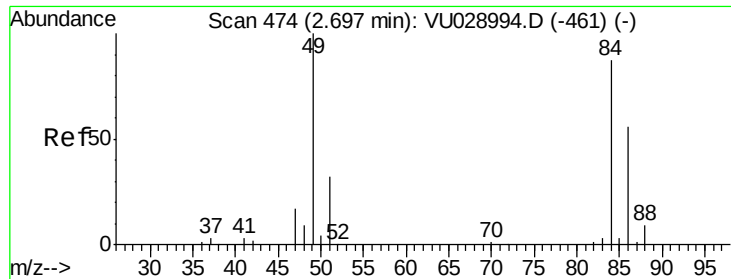
58 32.7 28.6 42.8



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

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

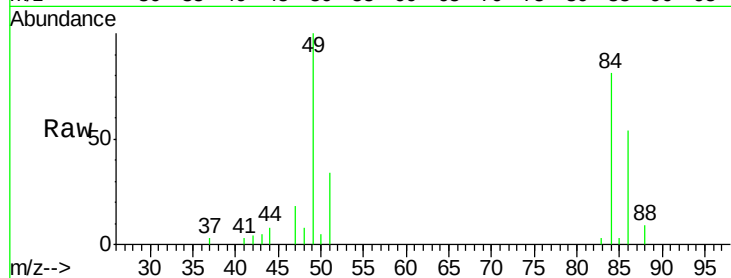




#20
Methylene Chloride
Concen: 4.139 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU029184.D
Acq: 15 Jan 2019 14:43

Instrument :
MSVOA_U
ClientSampleId :
PB116371ZHE#06

Tot Ion:	84	Resp:	6113
Ion	Ratio	Lower	Upper
84	100		
49	123.3	91.9	137.9
51	41.3	29.2	43.8
86	66.4	51.8	77.6



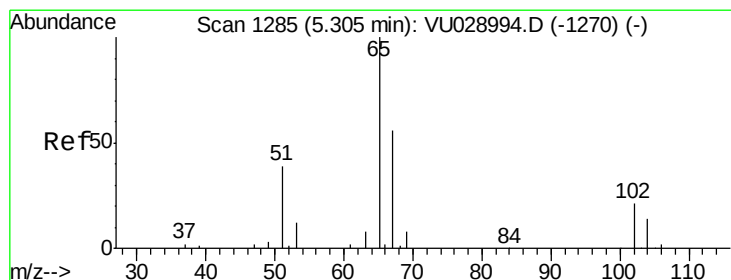
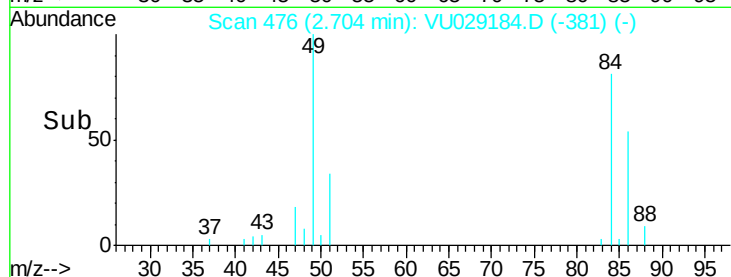
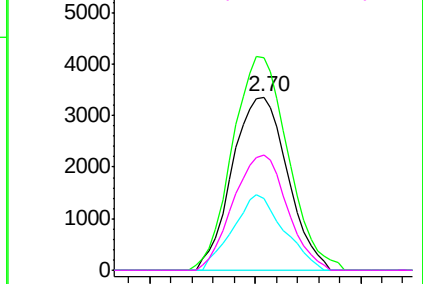
Abundance

Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

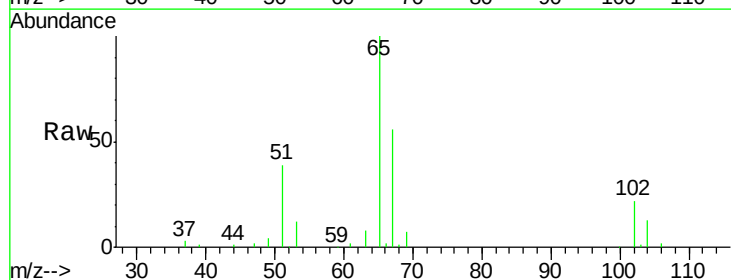
Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#33
1,2-Dichloroethane-d4
Concen: 55.800 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029184.D
Acq: 15 Jan 2019 14:43

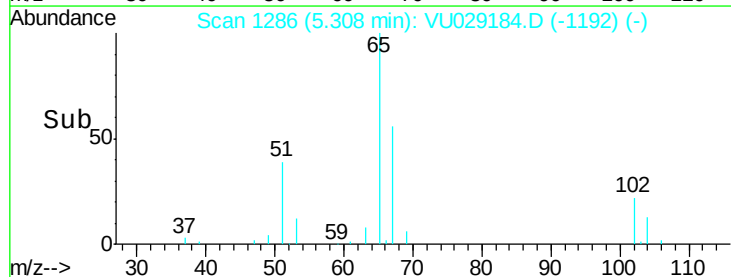
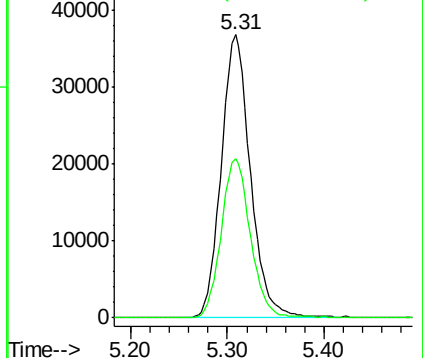
Tgt Ion:	65	Resp:	77055
Ion	Ratio	Lower	Upper
65	100		
67	56.2	0.0	111.0

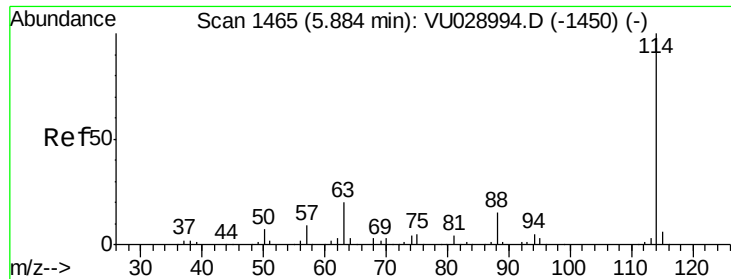


Abundance

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: VU029184.D

Acq: 15 Jan 2019 14:43

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#06

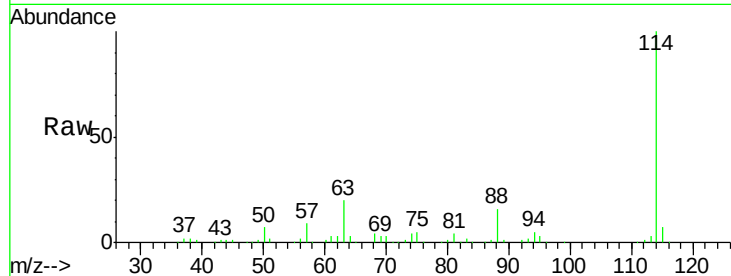
Tot Ion:114 Resp: 200838

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

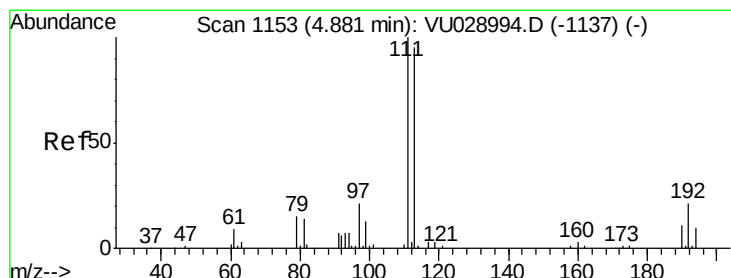
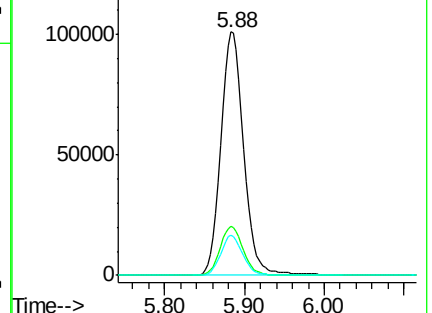
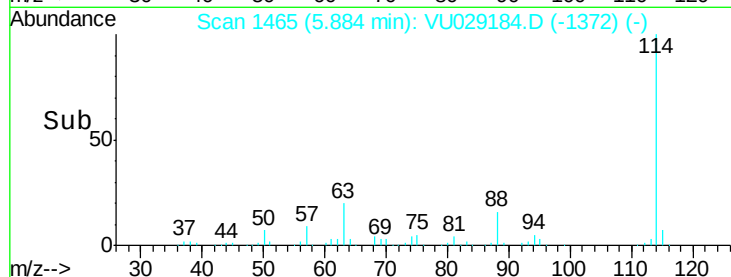
88 16.3 0.0 30.4



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: 51.324 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029184.D

Acq: 15 Jan 2019 14:43

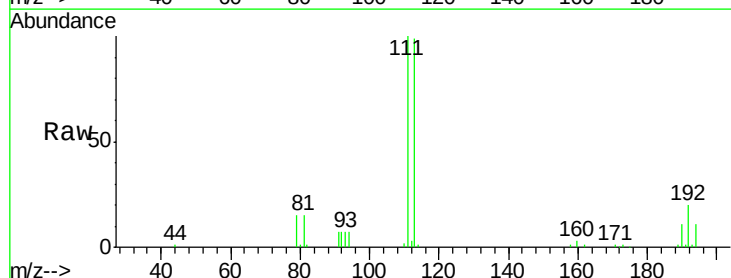
Tgt Ion:113 Resp: 66818

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.2

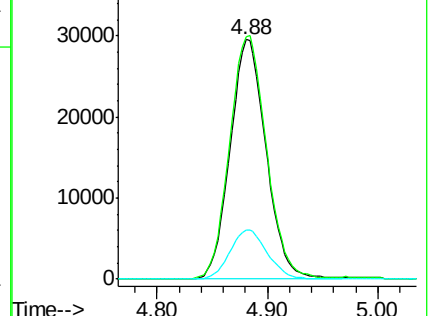
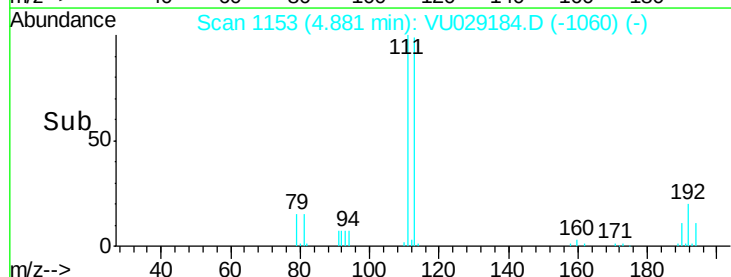
192 21.1 16.8 25.2

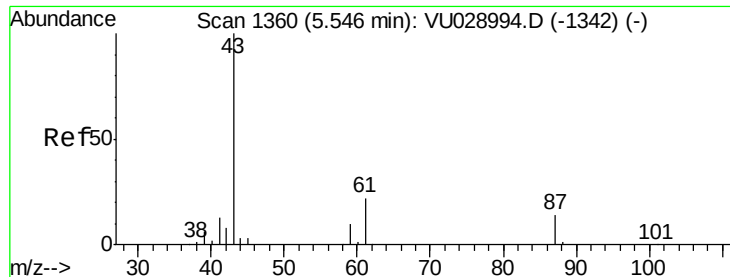


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

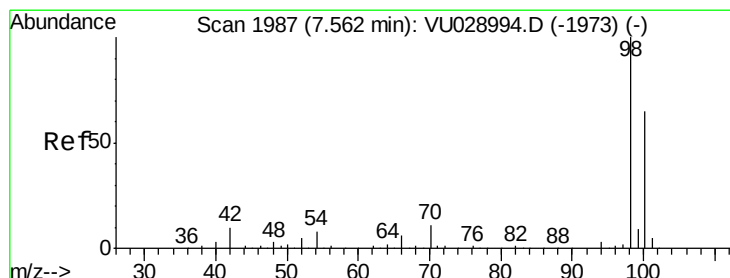
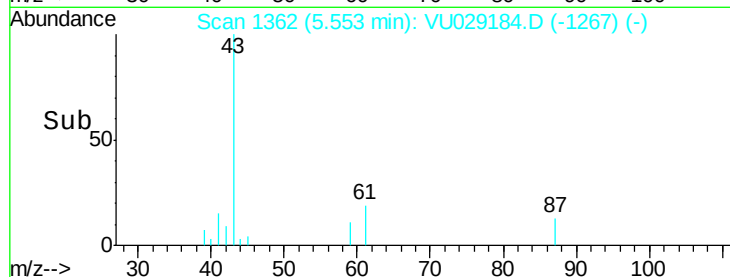
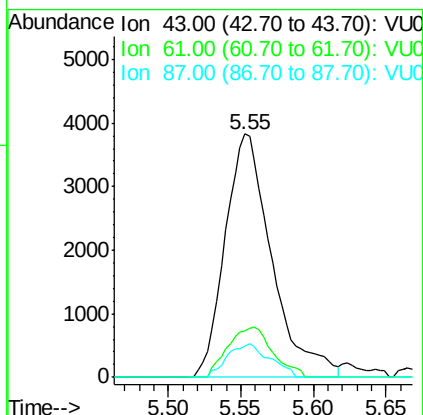
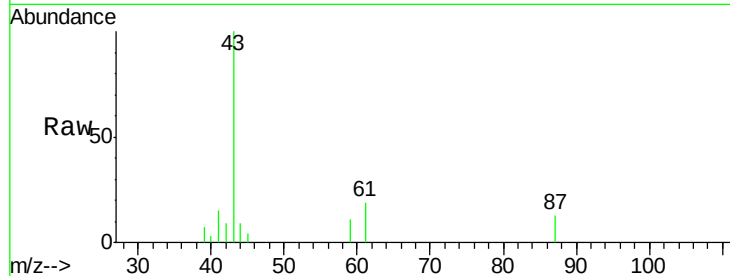




#43
Isopropyl Acetate
Concen: 2.527 ug/l
RT: 5.55 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VU029184.D
Acq: 15 Jan 2019 14:43

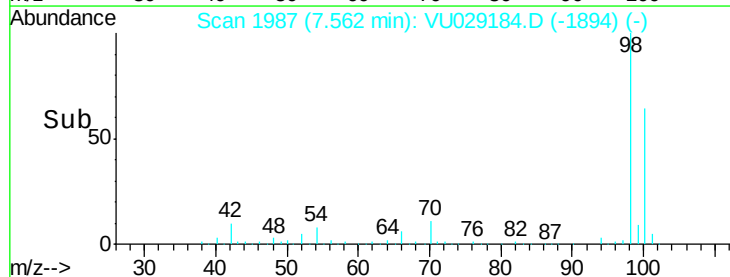
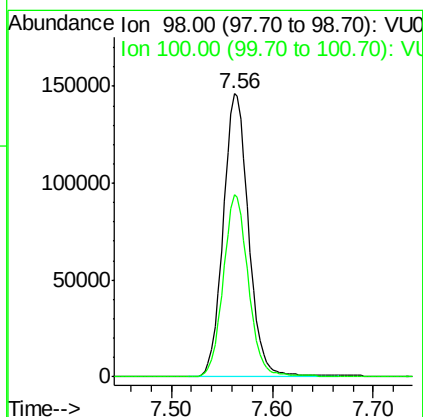
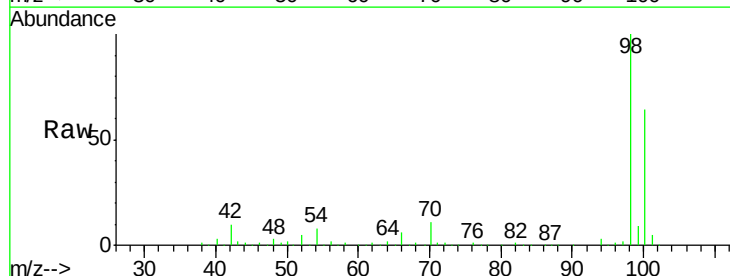
Instrument :
MSVOA_U
ClientSampleId :
PB116371ZHE#06

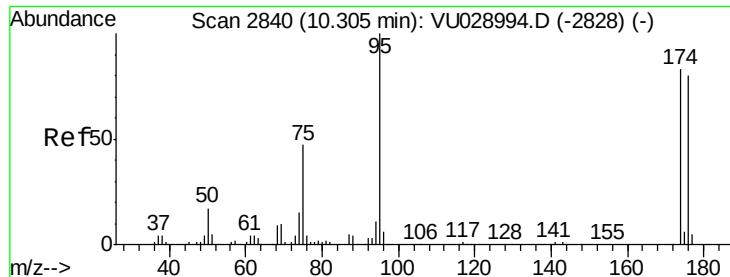
Tot Ion: 43 Resp: 8543
Ion Ratio Lower Upper
43 100
61 19.8 17.8 26.6
87 12.7 11.3 16.9



#50
Toluene-d8
Concen: 50.167 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029184.D
Acq: 15 Jan 2019 14:43

Tgt Ion: 98 Resp: 257843
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 43.672 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029184.D

Acq: 15 Jan 2019 14:43

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#06

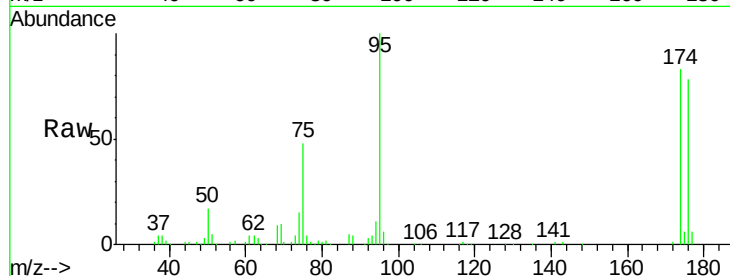
Tot Ion: 95 Resp: 80668

Ion Ratio Lower Upper

95 100

174 84.4 0.0 170.6

176 79.9 0.0 165.0

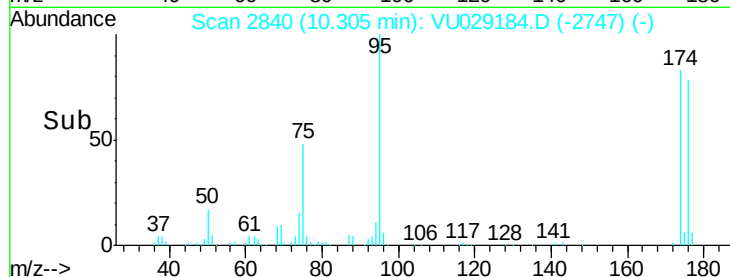


Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)

Time-->



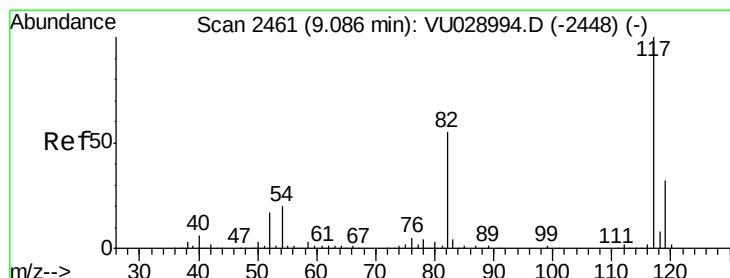
Abundance

Ion 94.90 (94.60 to 95.60): VU029184.D (-2747) (-)

Ion 173.80 (173.50 to 174.50): VU029184.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU029184.D (-2747) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VU029184.D

Acq: 15 Jan 2019 14:43

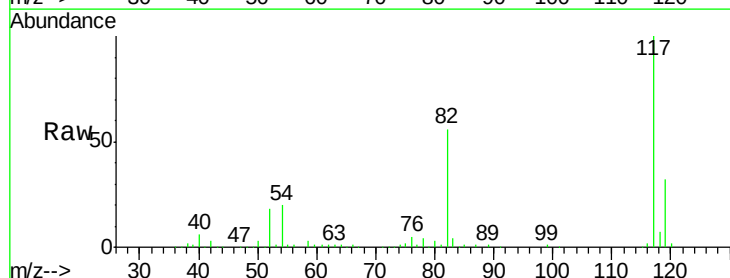
Tgt Ion: 117 Resp: 187519

Ion Ratio Lower Upper

117 100

82 55.8 43.9 65.9

119 32.5 26.0 39.0

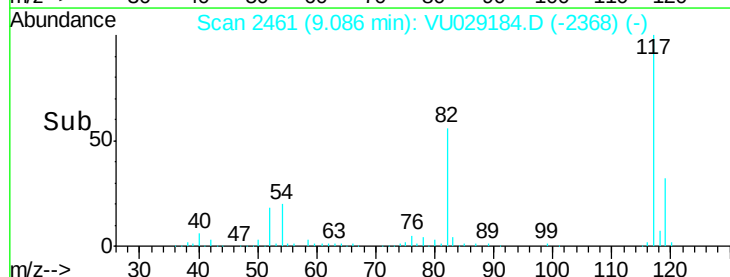


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028994.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028994.D (-2448) (-)

Time-->



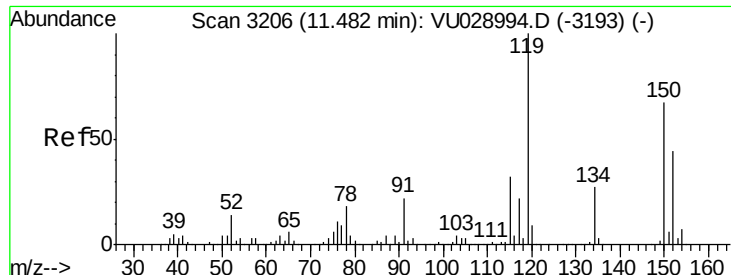
Abundance

Ion 116.90 (116.60 to 117.60): VU029184.D (-2368) (-)

Ion 82.00 (81.70 to 82.70): VU029184.D (-2368) (-)

Ion 118.90 (118.60 to 119.60): VU029184.D (-2368) (-)

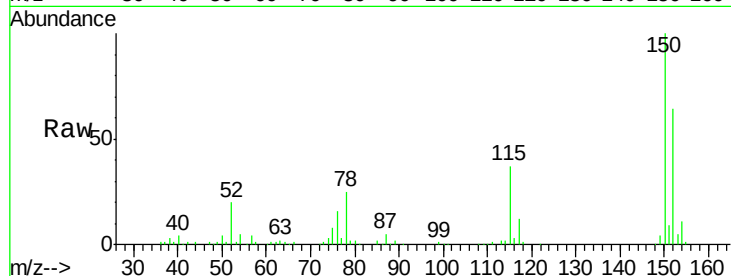
Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU029184.D
 Acq: 15 Jan 2019 14:43

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371ZHE#06

Tot Ion:152 Resp: 73532
 Ion Ratio Lower Upper
 152 100
 115 57.9 40.1 120.3
 150 155.9 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

