

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029181.D
 Acq On : 15 Jan 2019 13:30
 Operator : JC/SP
 Sample : PB116371ZHE#03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371ZHE#03

Quant Time: Jan 16 06:05:44 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

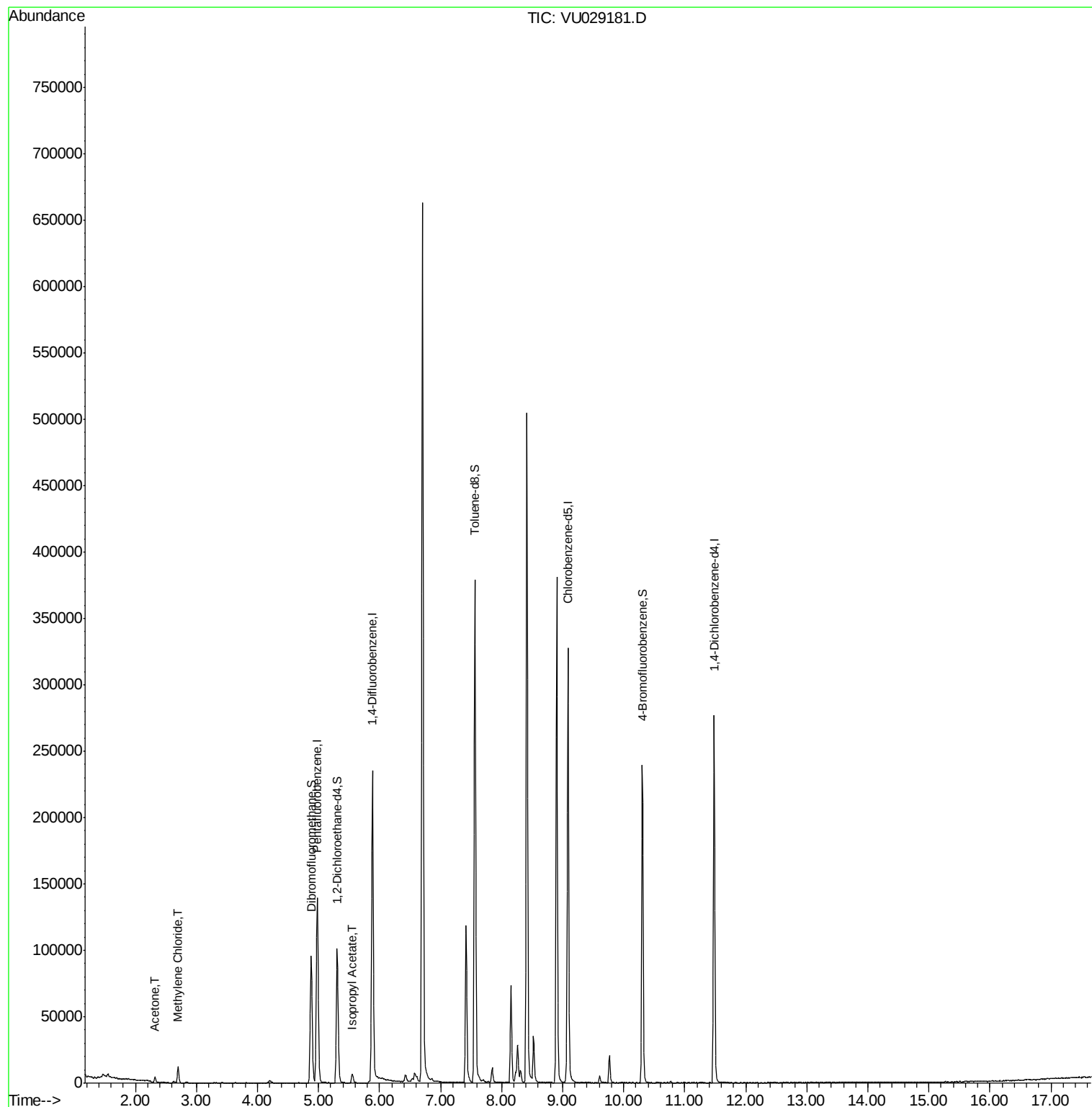
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	114337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	202507	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	189158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	77846	55.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.16%	
35) Dibromofluoromethane	4.88	113	67002	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
50) Toluene-d8	7.56	98	260587	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	10.30	95	82349	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
Target Compounds						
16) Acetone	2.32	43	4785	5.374	ug/l	98
20) Methylene Chloride	2.70	84	5759	3.809	ug/l	97
43) Isopropyl Acetate	5.55	43	8885	2.607	ug/l	93

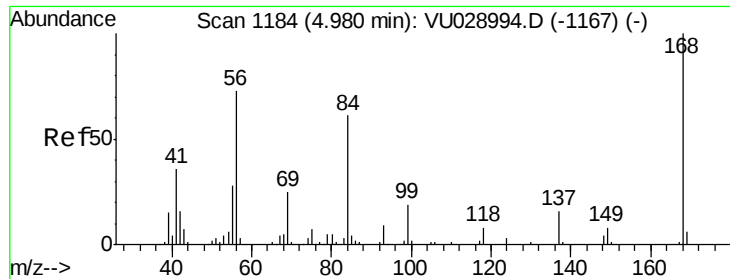
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029181.D

Acq: 15 Jan 2019 13:30

Instrument :

MSVOA_U

ClientSampleId :

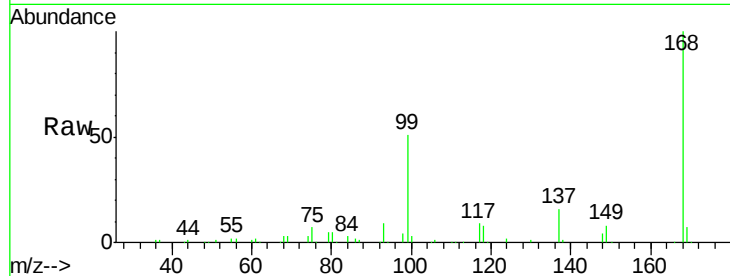
PB116371ZHE#03

Tot Ion:168 Resp: 114337

Ion Ratio Lower Upper

168 100

99 51.2 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

60000

50000

40000

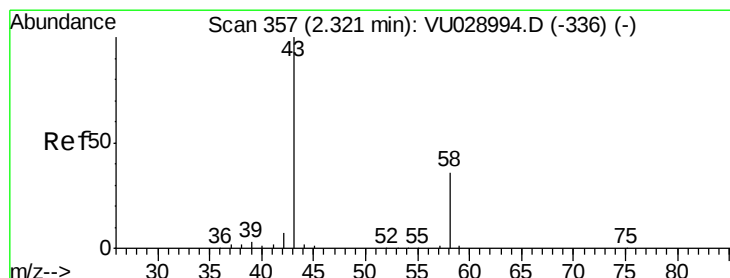
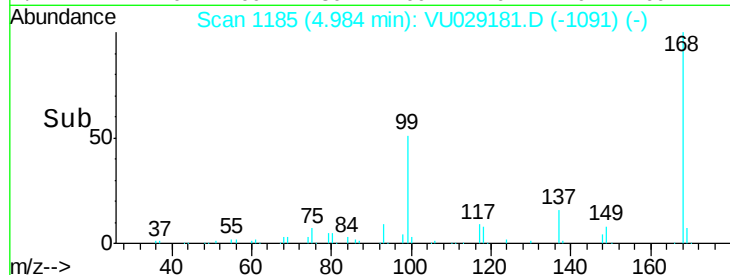
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 5.374 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029181.D

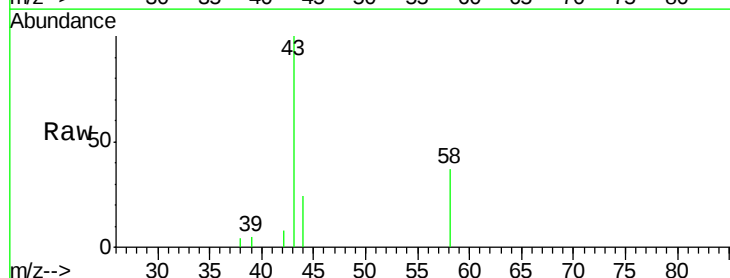
Acq: 15 Jan 2019 13:30

Tgt Ion: 43 Resp: 4785

Ion Ratio Lower Upper

43 100

58 37.1 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

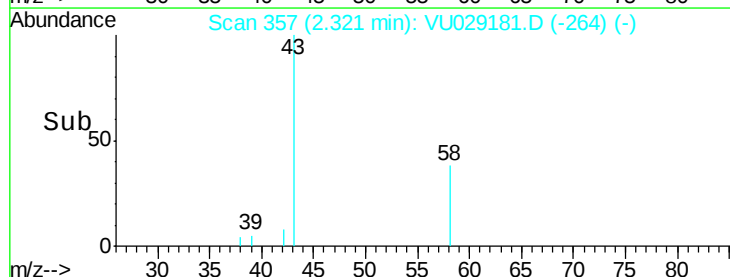
3000

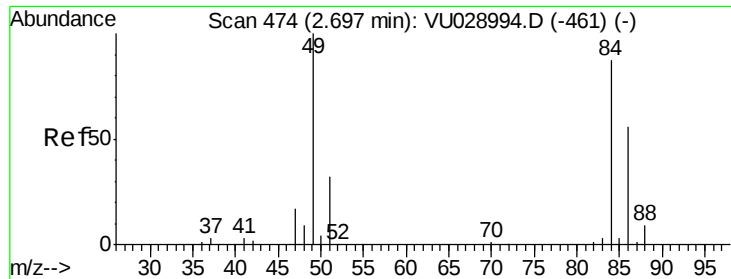
2000

1000

0

Time-->

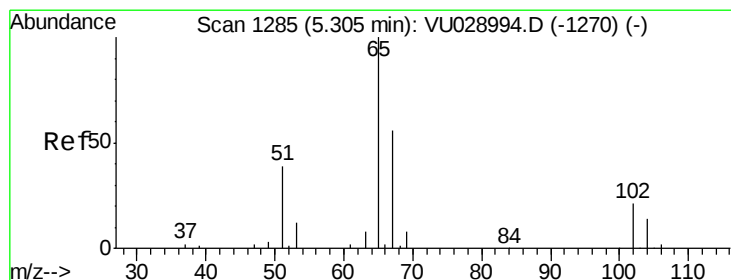
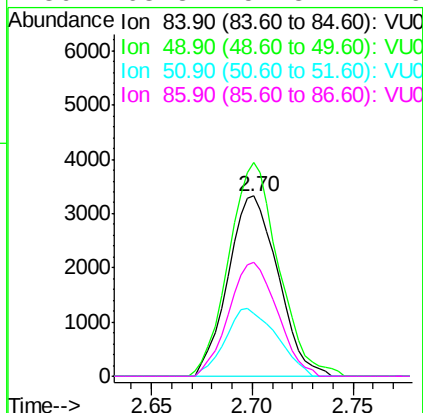
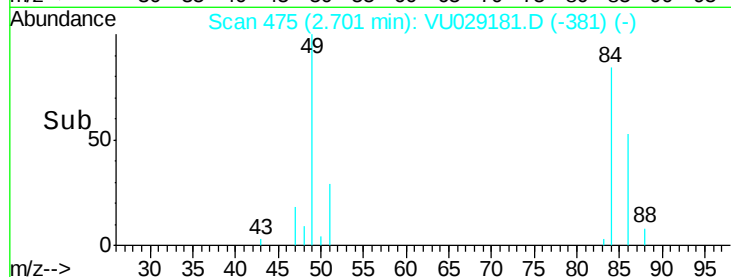
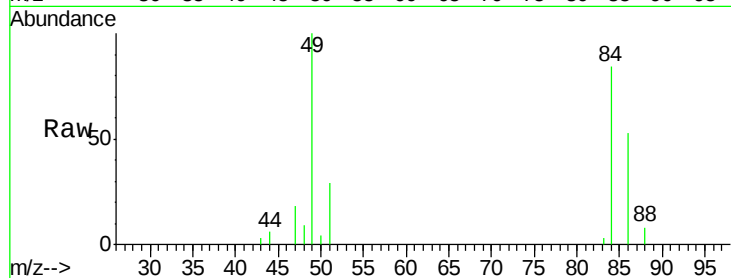




#20
Methylene Chloride
Concen: 3.809 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029181.D
Acq: 15 Jan 2019 13:30

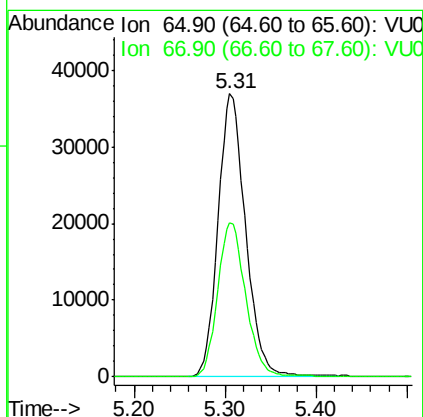
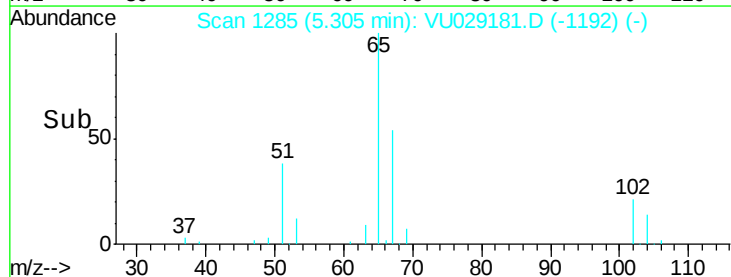
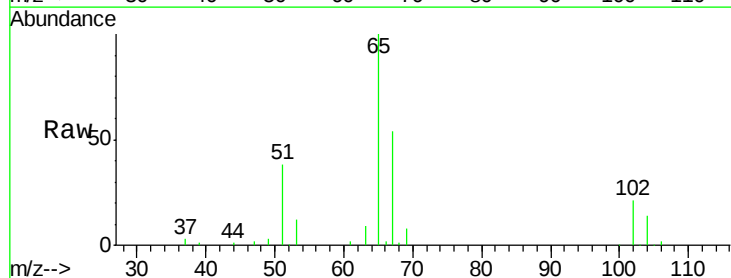
Instrument :
MSVOA_U
ClientSampleId :
PB116371ZHE#03

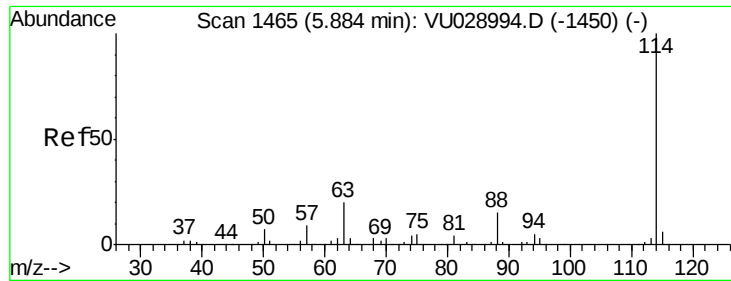
Tot Ion: 84 Resp: 5759
Ion Ratio Lower Upper
84 100
49 118.4 91.9 137.9
51 34.7 29.2 43.8
86 63.3 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 55.076 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VU029181.D
Acq: 15 Jan 2019 13:30

Tgt Ion: 65 Resp: 77846
Ion Ratio Lower Upper
65 100
67 55.0 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029181.D

Acq: 15 Jan 2019 13:30

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#03

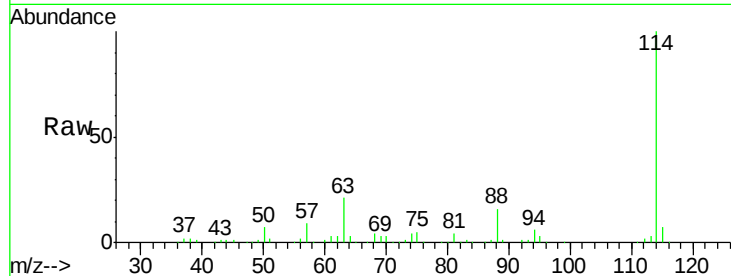
Tot Ion:114 Resp: 202507

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.2

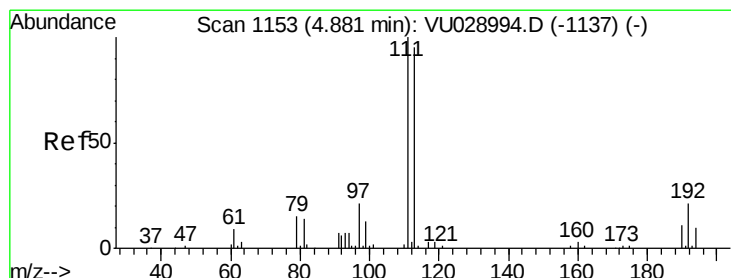
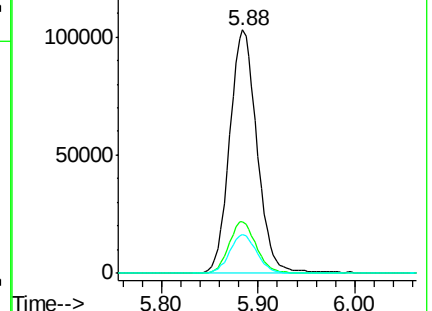
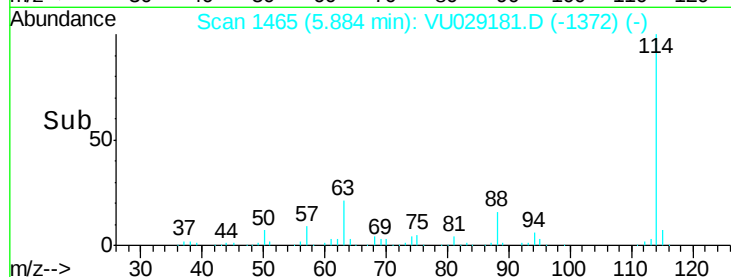
88 15.9 0.0 30.4



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: 51.041 ug/l

RT: 4.88 min Scan# 1152

Delta R.T. -0.00 min

Lab File: VU029181.D

Acq: 15 Jan 2019 13:30

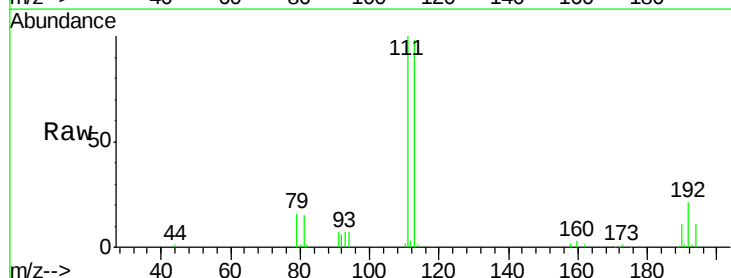
Tgt Ion:113 Resp: 67002

Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.2

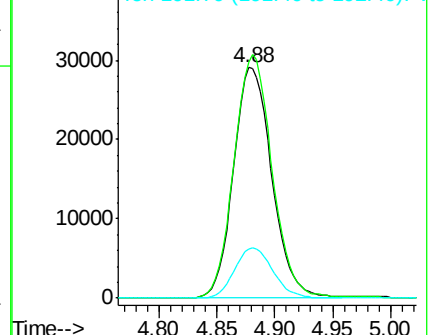
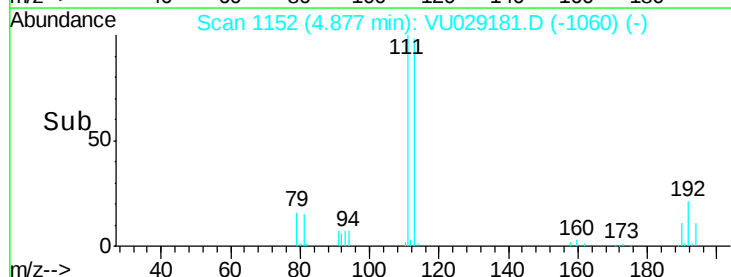
192 21.6 16.8 25.2

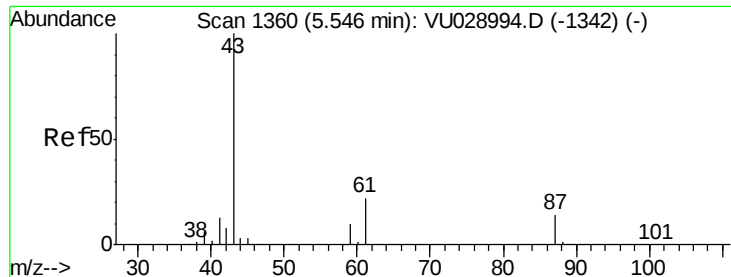


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.607 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU029181.D

Acq: 15 Jan 2019 13:30

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#03

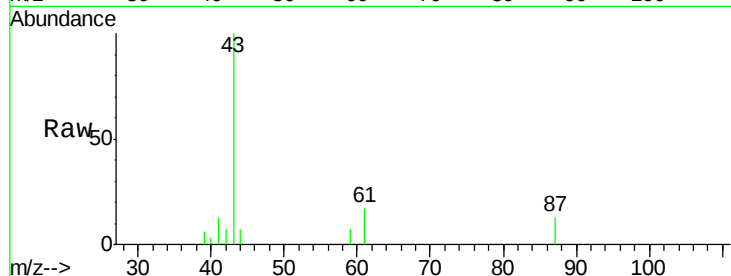
Tot Ion: 43 Resp: 8885

Ion Ratio Lower Upper

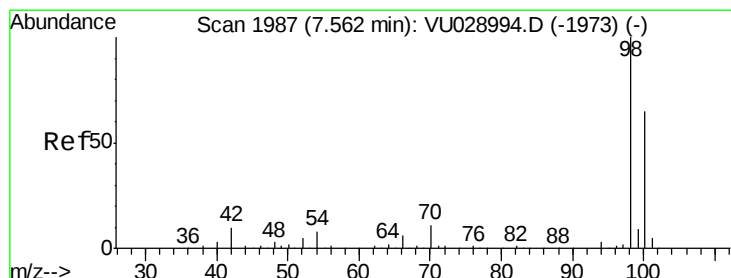
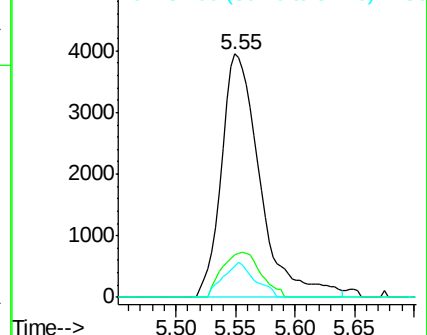
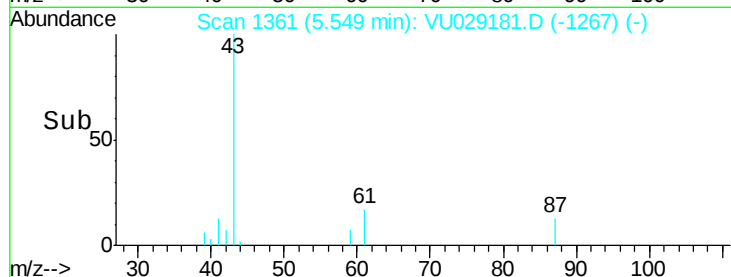
43 100

61 18.4 17.8 26.6

87 11.6 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU029181.D (-1267) (-)



#50

Toluene-d8

Concen: 50.283 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029181.D

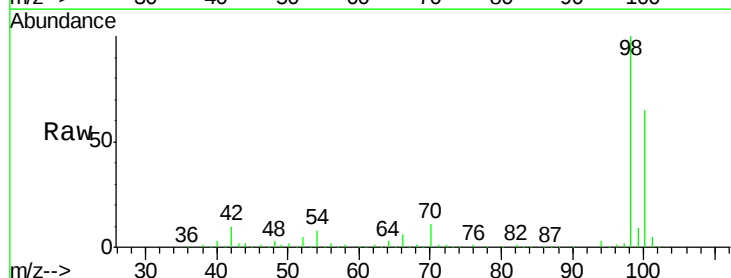
Acq: 15 Jan 2019 13:30

Tgt Ion: 98 Resp: 260587

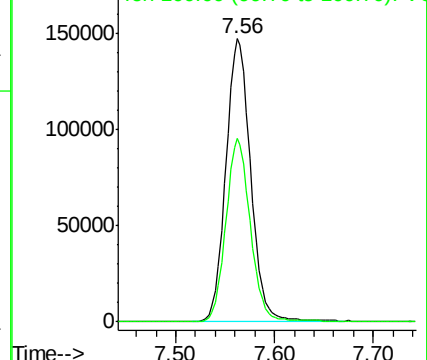
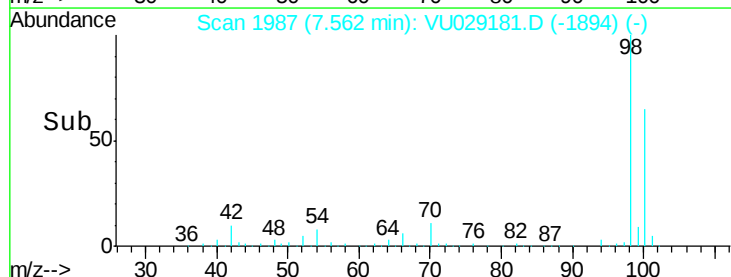
Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU029181.D (-1894) (-)





#62

4-Bromofluorobenzene

Concen: 44.215 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029181.D

Acq: 15 Jan 2019 13:30

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#03

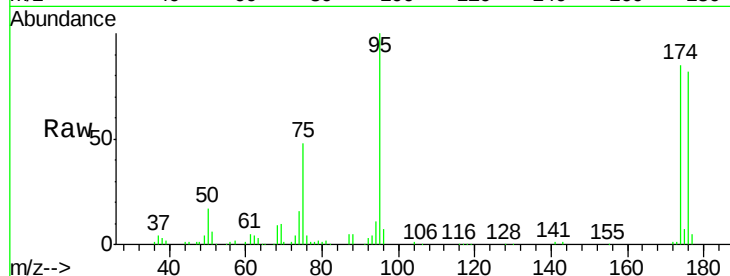
Tot Ion: 95 Resp: 82349

Ion Ratio Lower Upper

95 100

174 84.2 0.0 170.6

176 80.9 0.0 165.0

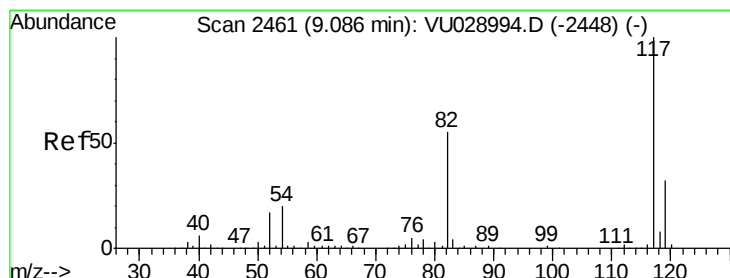
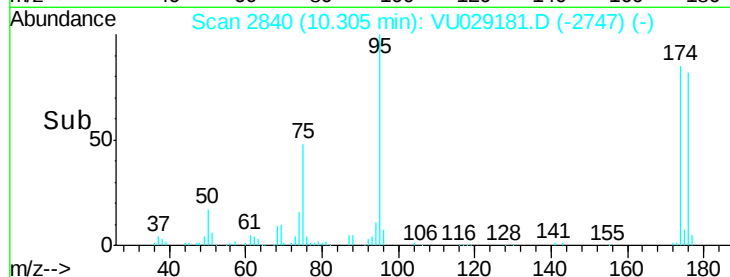


Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

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

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

Time--> 10.20 10.30 10.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VU029181.D

Acq: 15 Jan 2019 13:30

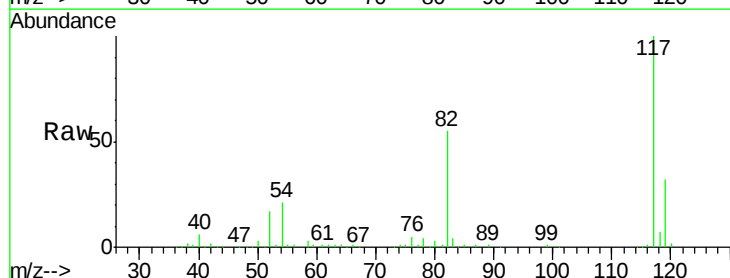
Tgt Ion: 117 Resp: 189158

Ion Ratio Lower Upper

117 100

82 55.3 43.9 65.9

119 31.7 26.0 39.0

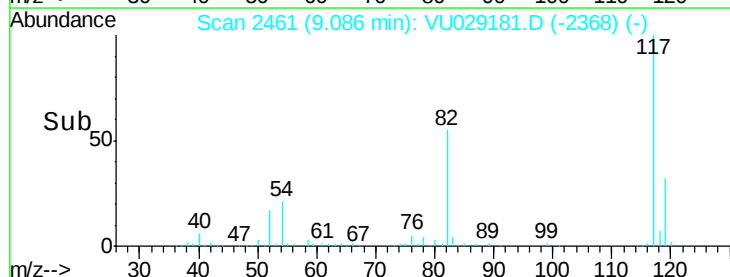


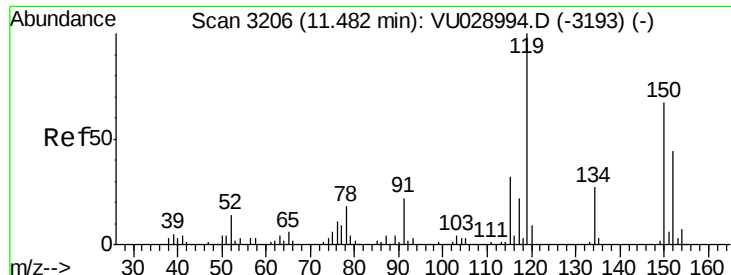
Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

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

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

Time--> 9.00 9.05 9.10 9.15 9.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029181.D

Acq: 15 Jan 2019 13:30

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#03

Tot Ion:152 Resp: 76827

Ion Ratio Lower Upper

152 100

115 56.4 40.1 120.3

150 154.0 0.0 345.2

