

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029183.D
 Acq On : 15 Jan 2019 14:18
 Operator : JC/SP
 Sample : PB116371ZHE#05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371ZHE#05

Quant Time: Jan 16 06:14:10 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

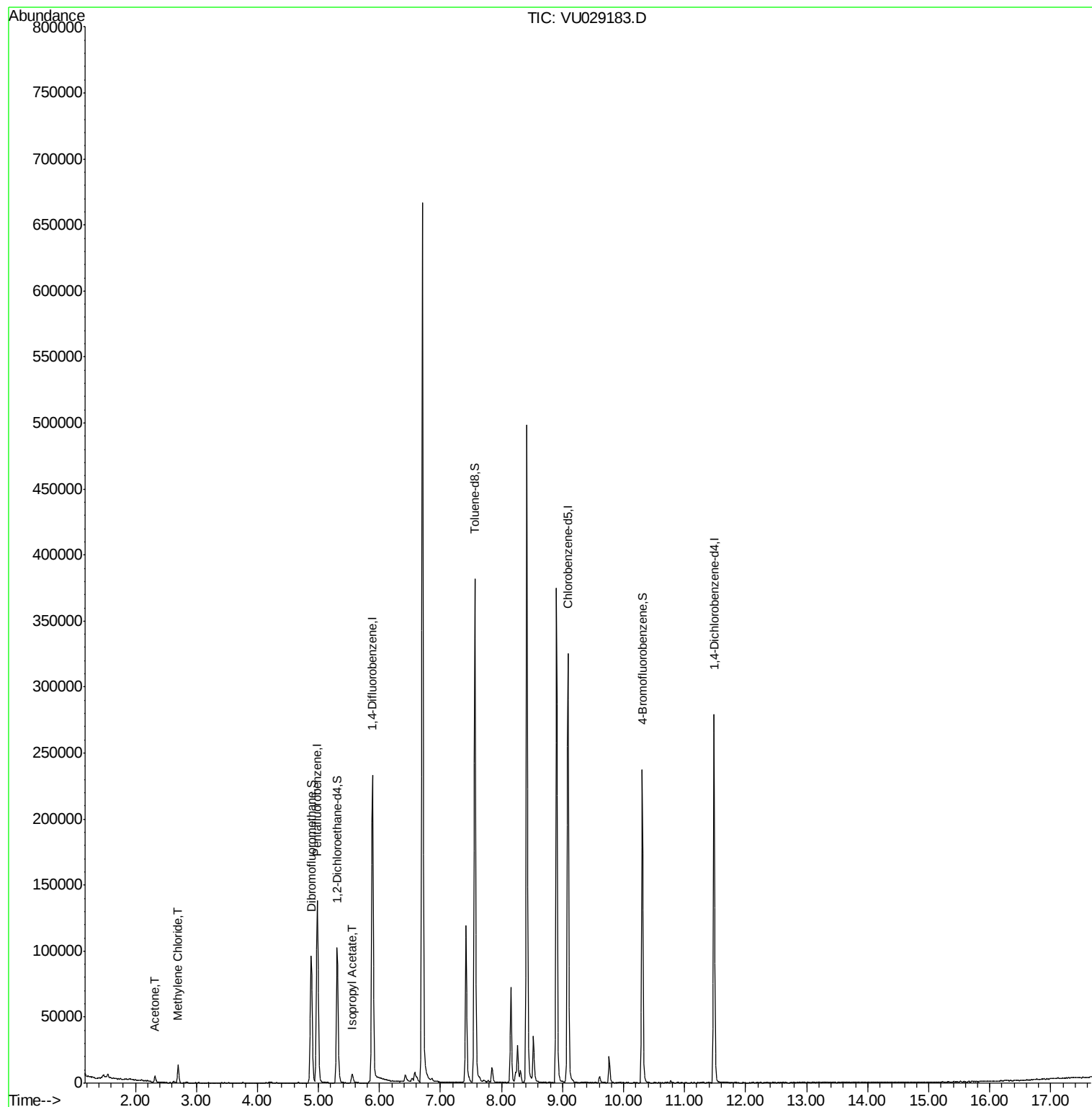
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	112427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	201013	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	187277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	77547	55.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.60%	
35) Dibromofluoromethane	4.88	113	68518	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
50) Toluene-d8	7.56	98	258085	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	10.30	95	82307	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.04%	
Target Compounds						
16) Acetone	2.32	43	4988	5.697	ug/l #	86
20) Methylene Chloride	2.70	84	5998	4.035	ug/l	96
43) Isopropyl Acetate	5.55	43	8610	2.545	ug/l	95

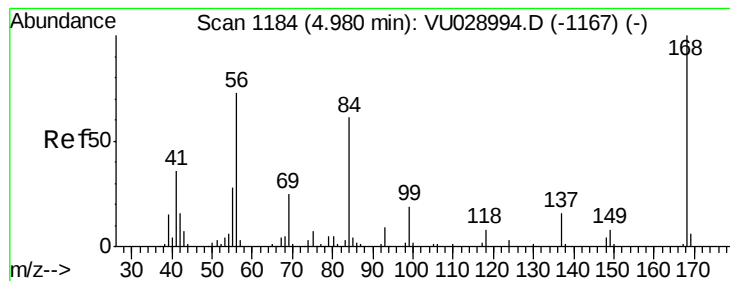
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029183.D

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Instrument :

MSVOA_U

ClientSampleId :

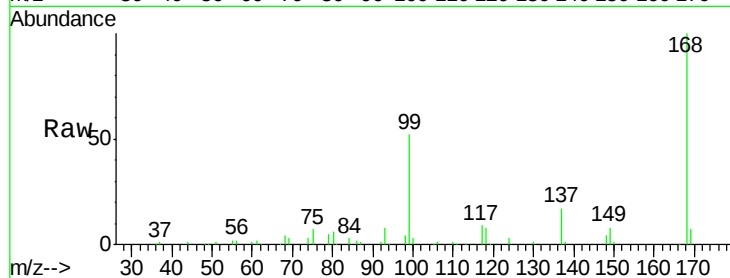
PB116371ZHE#05

Tot Ion:168 Resp: 112427

Ion Ratio Lower Upper

168 100

99 52.5 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

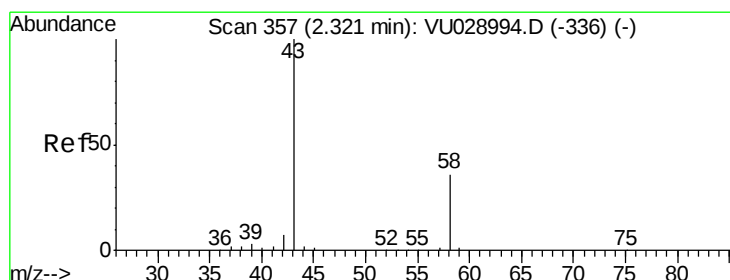
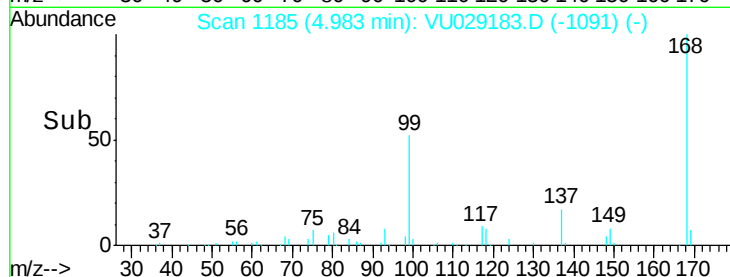
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 5.697 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029183.D

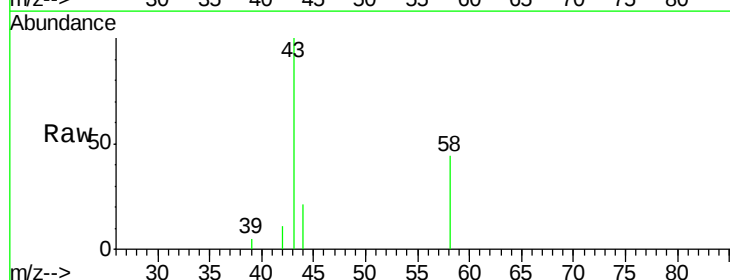
Acq: 15 Jan 2019 14:18

Tgt Ion: 43 Resp: 4988

Ion Ratio Lower Upper

43 100

58 44.1 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

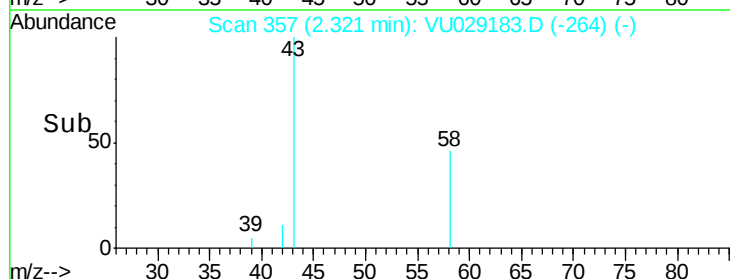
2000

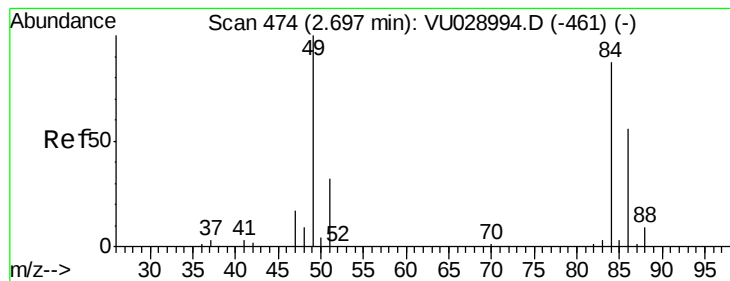
1000

0

2.30 2.35

Time-->





#20

Methvlene Chloride

Concen: 4.035 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU029183.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#05

Tot Ion: 84 Resp: 5998

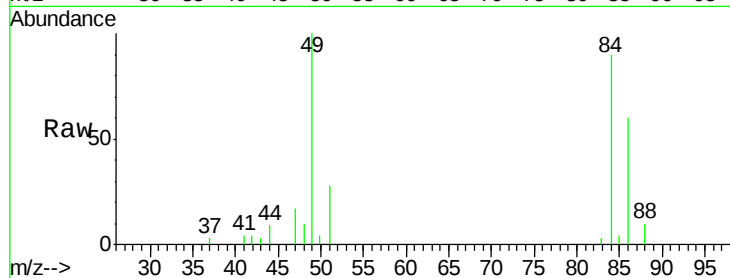
Ion Ratio Lower Upper

84 100

49 110.9 91.9 137.9

51 31.2 29.2 43.8

86 66.4 51.8 77.6

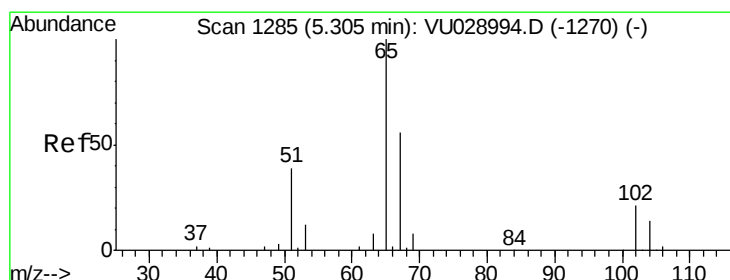
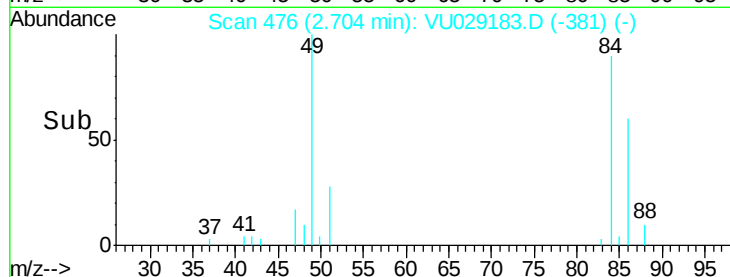
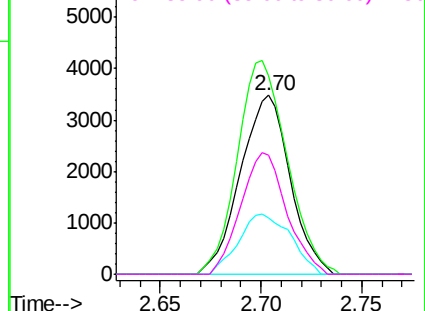


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 55.796 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029183.D

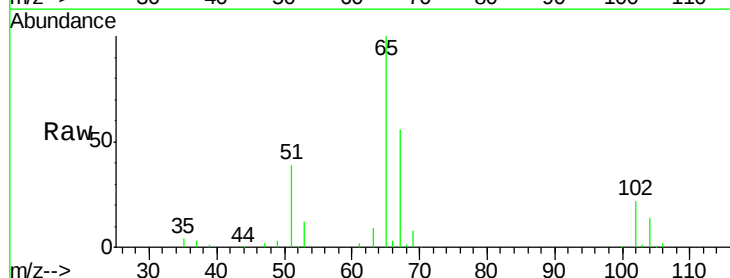
Acq: 15 Jan 2019 14:18

Tgt Ion: 65 Resp: 77547

Ion Ratio Lower Upper

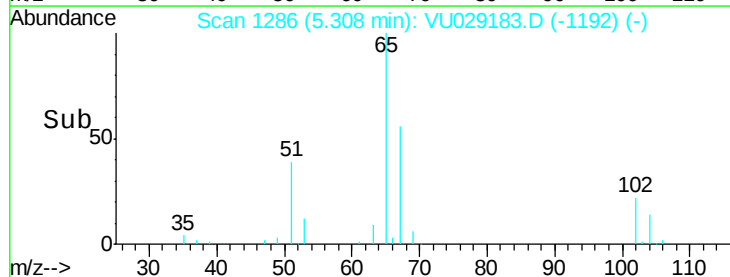
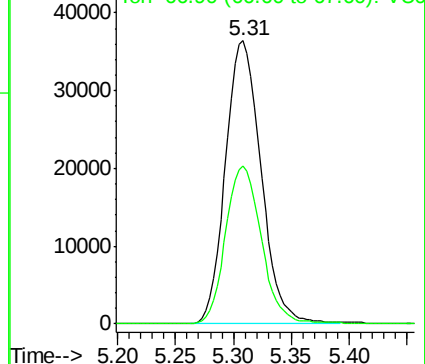
65 100

67 56.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

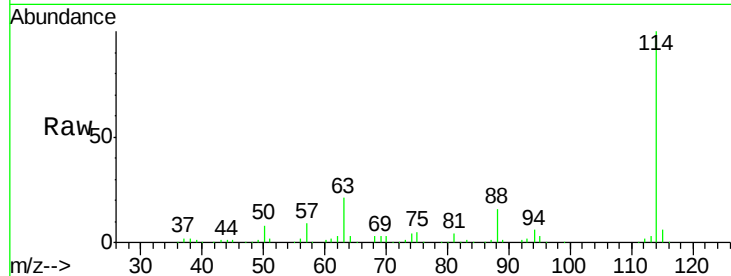




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029183.D
 Acq: 15 Jan 2019 14:18

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371ZHE#05

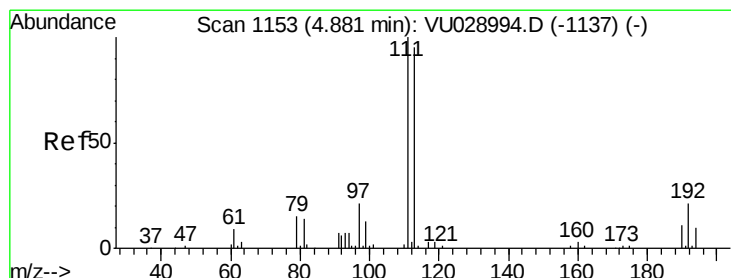
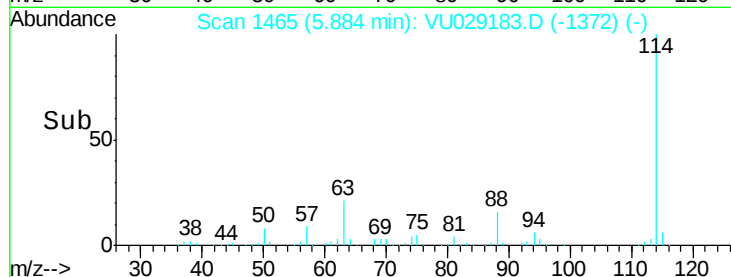
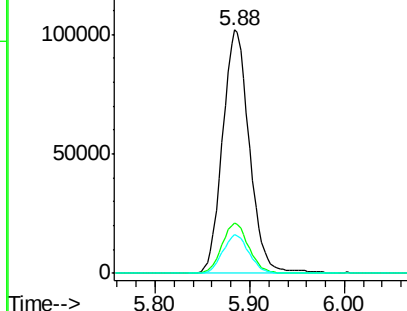
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.2
88	15.9	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

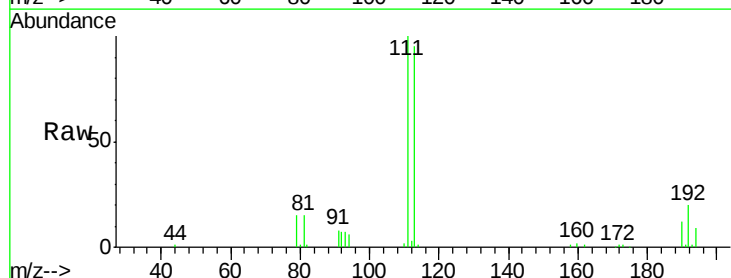
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 52.584 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029183.D
 Acq: 15 Jan 2019 14:18

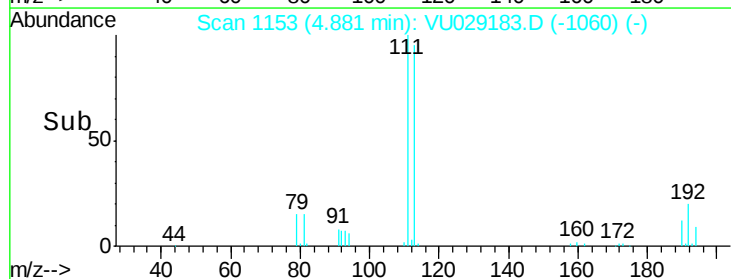
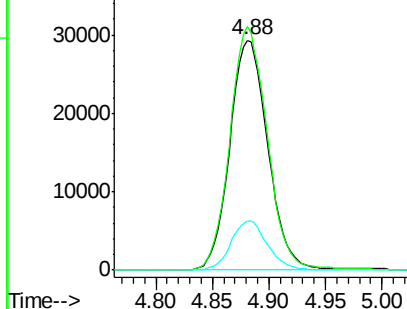
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.2
192	20.4	16.8	25.2

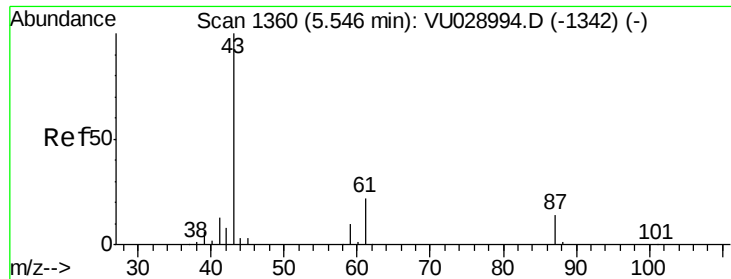


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.545 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029183.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#05

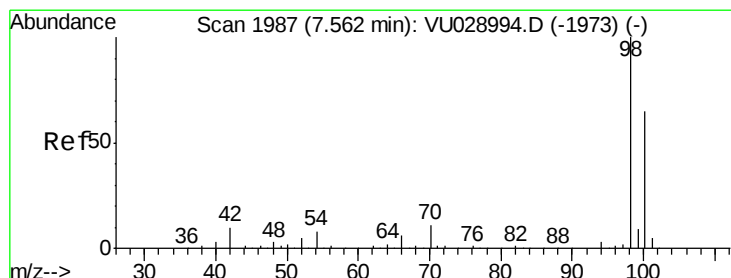
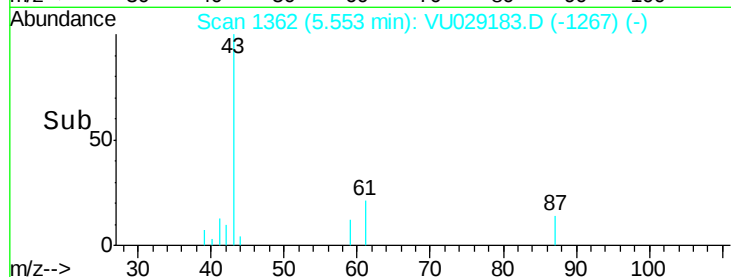
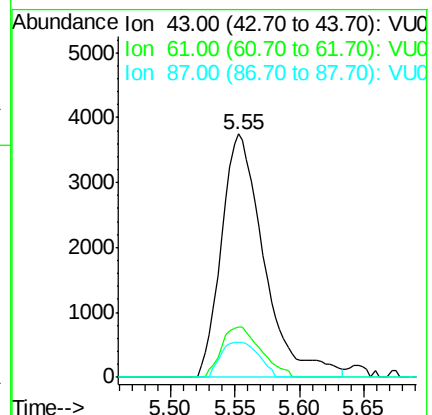
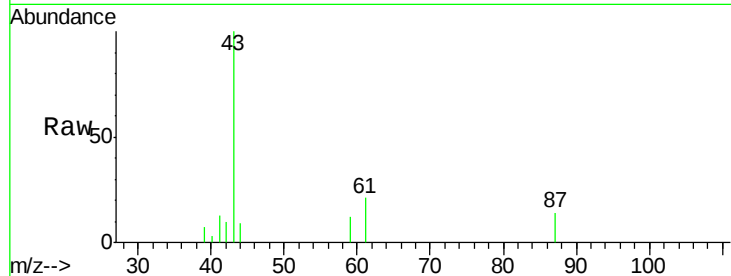
Tot Ion: 43 Resp: 8610

Ion Ratio Lower Upper

43 100

61 19.1 17.8 26.6

87 12.7 11.3 16.9



#50

Toluene-d8

Concen: 50.170 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029183.D

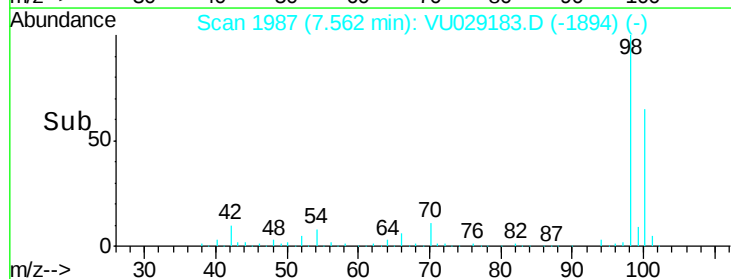
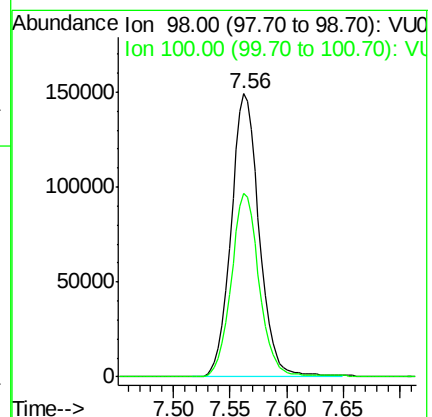
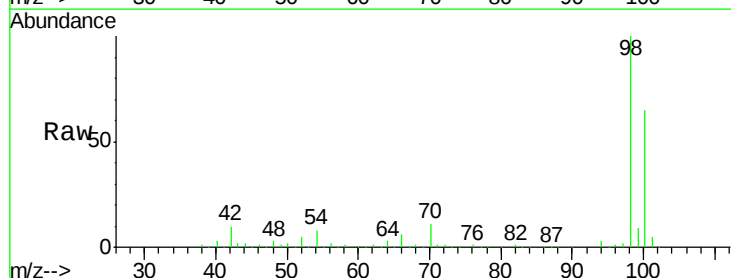
Acq: 15 Jan 2019 14:18

Tgt Ion: 98 Resp: 258085

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 44.521 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029183.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#05

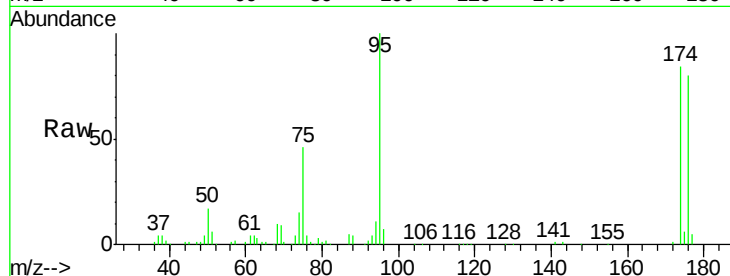
Tot Ion: 95 Resp: 82307

Ion Ratio Lower Upper

95 100

174 84.4 0.0 170.6

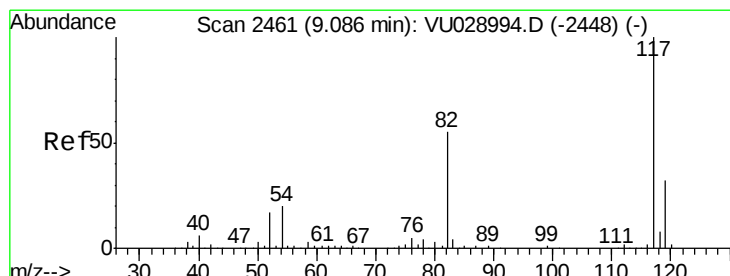
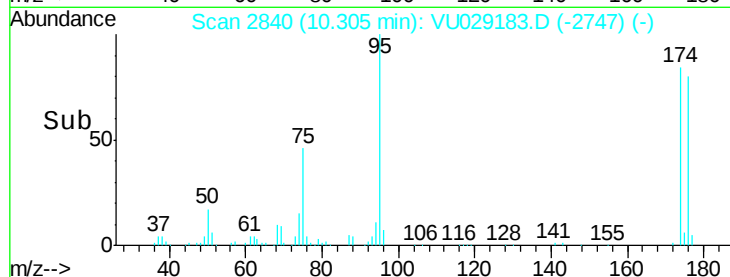
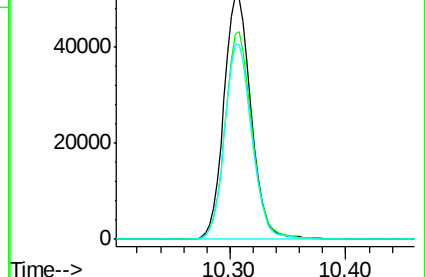
176 80.1 0.0 165.0



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VU029183.D

Acq: 15 Jan 2019 14:18

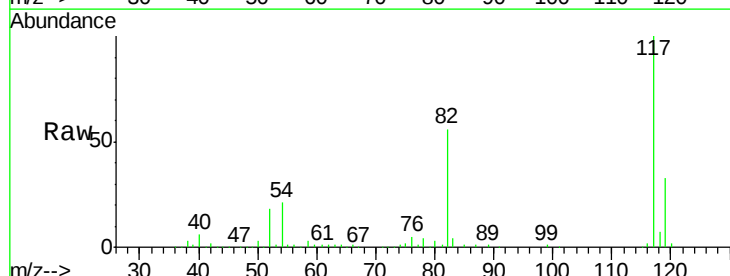
Tgt Ion: 117 Resp: 187277

Ion Ratio Lower Upper

117 100

82 55.6 43.9 65.9

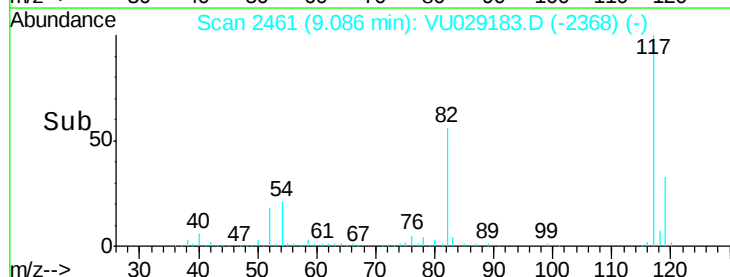
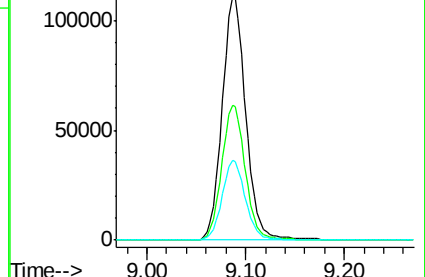
119 32.8 26.0 39.0

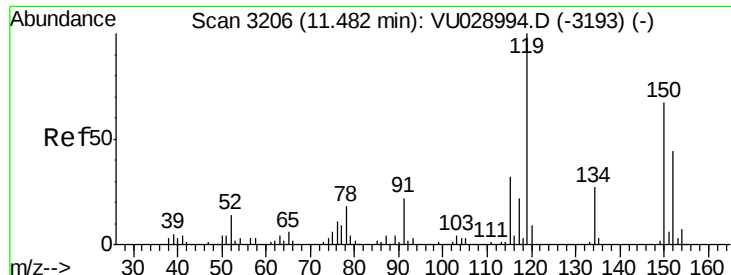


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029183.D

Acq: 15 Jan 2019 14:18

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#05

Tot Ion:152 Resp: 73984

Ion Ratio Lower Upper

152 100

115 57.8 40.1 120.3

150 158.8 0.0 345.2

