

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029182.D
 Acq On : 15 Jan 2019 13:54
 Operator : JC/SP
 Sample : PB116371ZHE#04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371ZHE#04

Quant Time: Jan 16 06:11:11 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

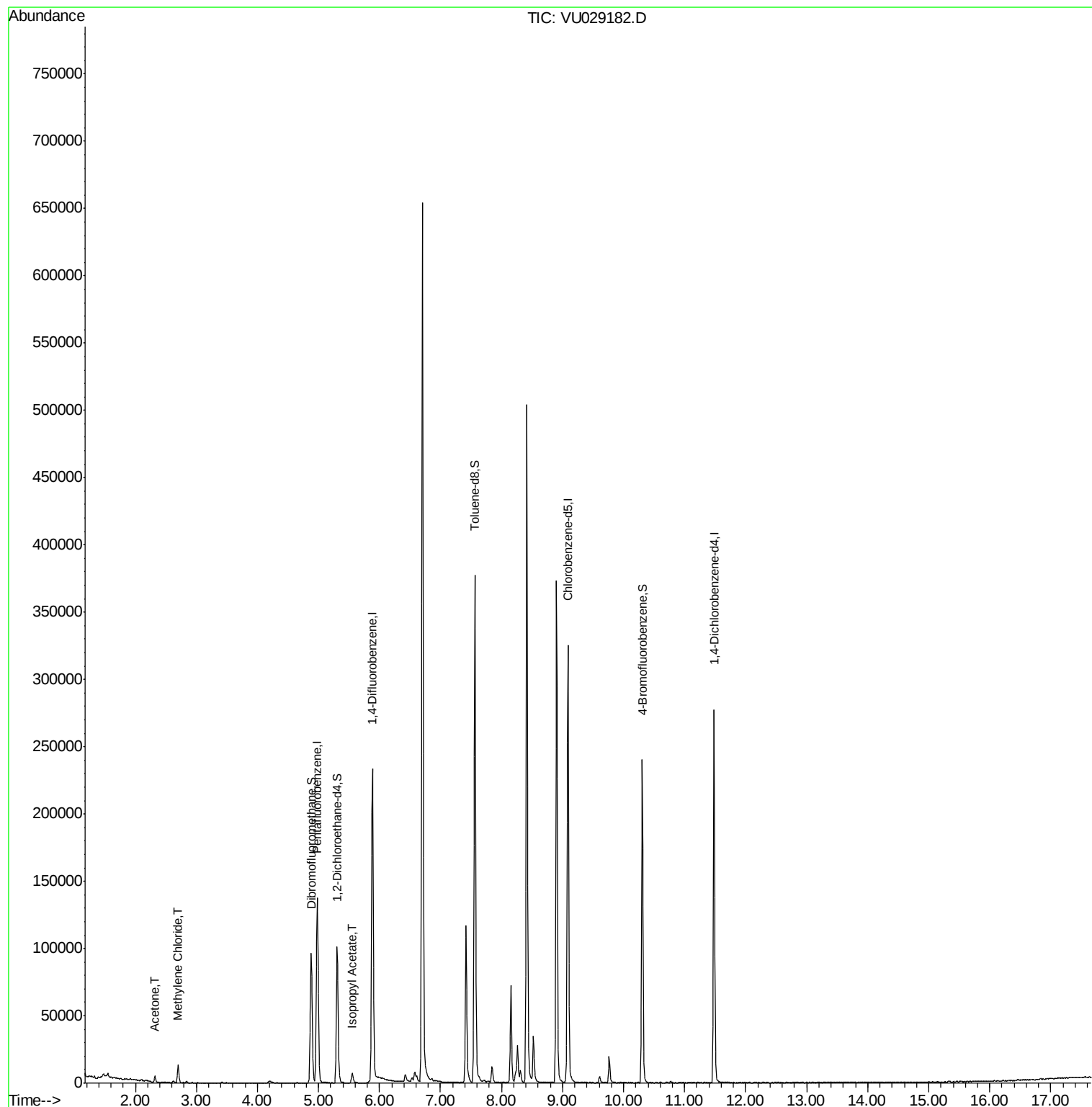
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	113591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	200375	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	188607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	77062	54.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.76%	
35) Dibromofluoromethane	4.88	113	68445	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
50) Toluene-d8	7.56	98	258567	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	10.30	95	82104	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
Target Compounds						
16) Acetone	2.32	43	4960	5.607	ug/l	99
20) Methylene Chloride	2.70	84	6089	4.054	ug/l	96
43) Isopropyl Acetate	5.55	43	8624	2.557	ug/l	97

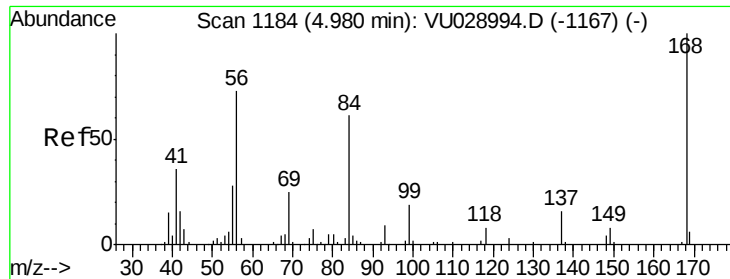
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1184

Delta R.T. 0.00 min

Lab File: VU029182.D

Acq: 15 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

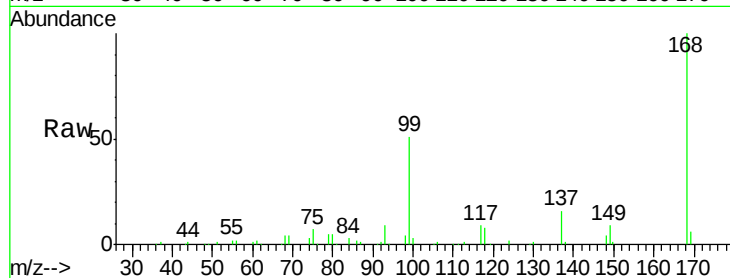
PB116371ZHE#04

Tot Ion:168 Resp: 113591

Ion Ratio Lower Upper

168 100

99 51.3 42.0 63.0

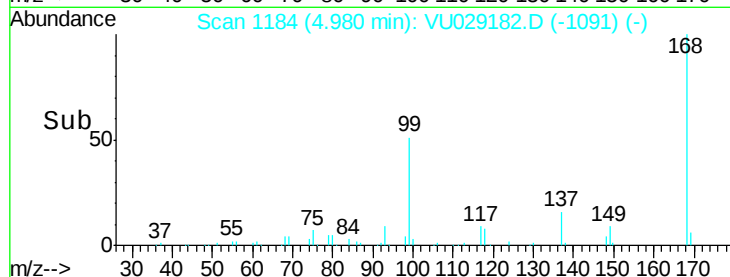


Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

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

4.98

Time-->

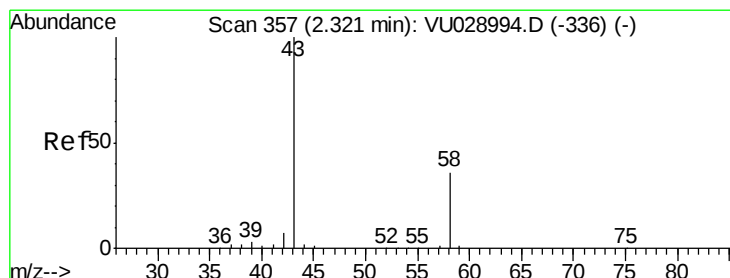


Abundance Ion 167.90 (167.60 to 168.60): VU029182.D (-1091) (-)

Ion 98.90 (98.60 to 99.60): VU029182.D (-1091) (-)

4.98

Time-->



#16

Acetone

Concen: 5.607 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029182.D

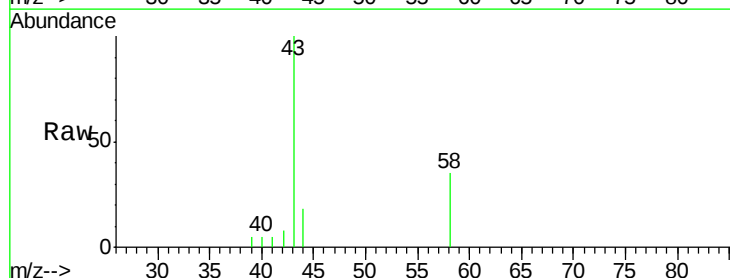
Acq: 15 Jan 2019 13:54

Tgt Ion: 43 Resp: 4960

Ion Ratio Lower Upper

43 100

58 35.0 28.6 42.8

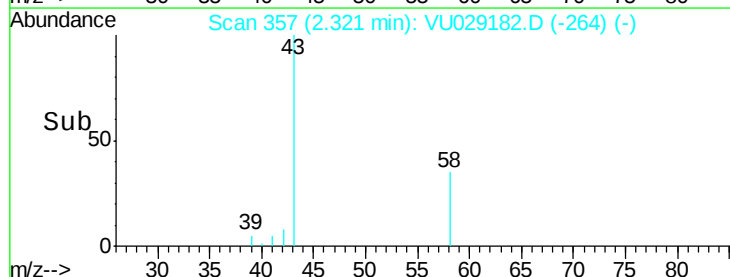


Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

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

2.32

Time-->

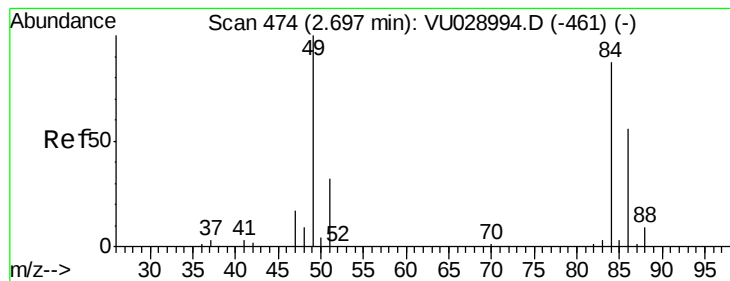


Abundance Ion 43.00 (42.70 to 43.70): VU029182.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU029182.D (-264) (-)

2.32

Time-->



#20

Methylene Chloride

Concen: 4.054 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029182.D

Acq: 15 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#04

Tot Ion: 84 Resp: 6089

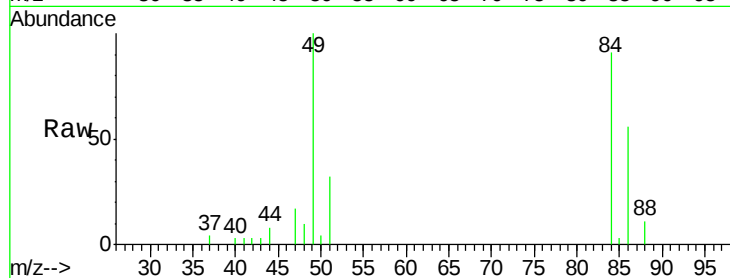
Ion Ratio Lower Upper

84 100

49 110.0 91.9 137.9

51 35.7 29.2 43.8

86 61.8 51.8 77.6

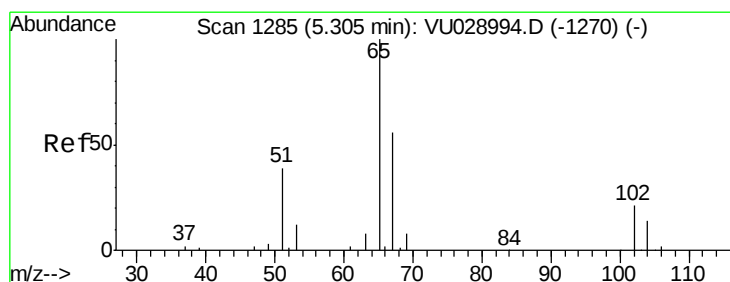
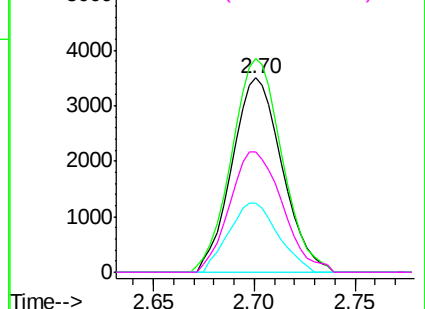
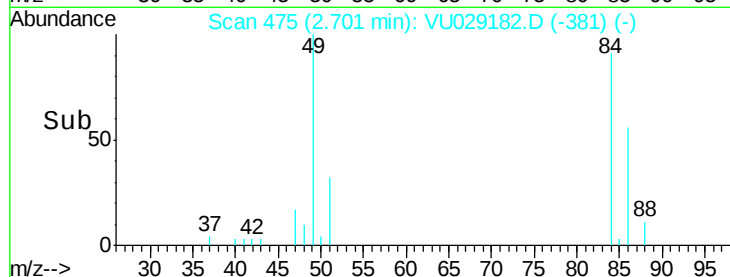


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 54.879 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029182.D

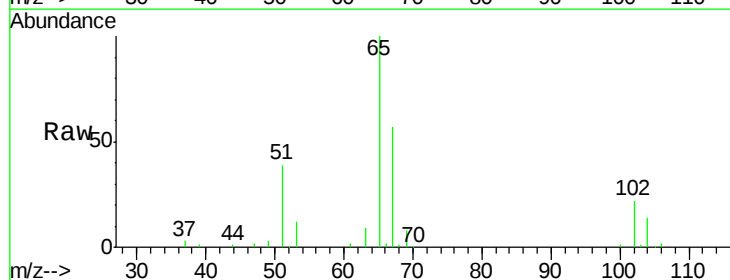
Acq: 15 Jan 2019 13:54

Tgt Ion: 65 Resp: 77062

Ion Ratio Lower Upper

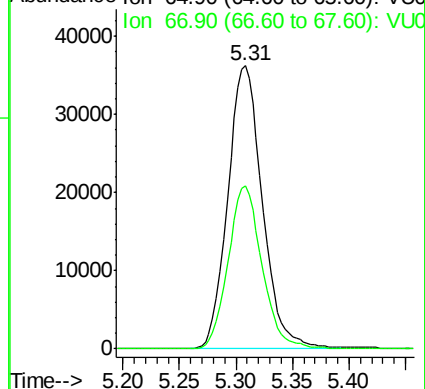
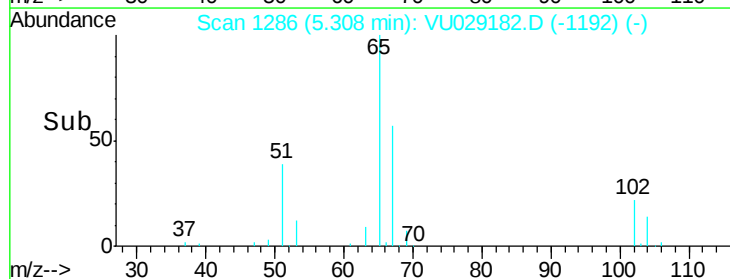
65 100

67 56.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

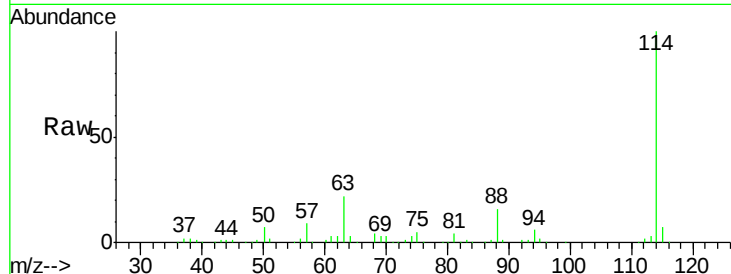




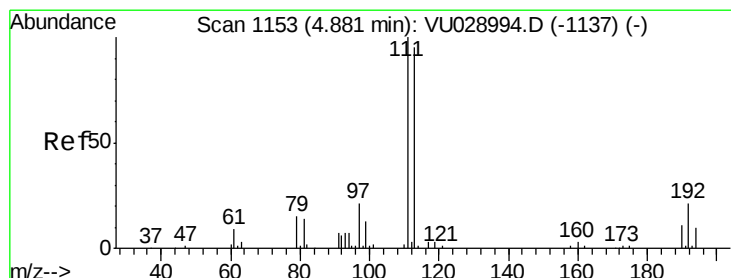
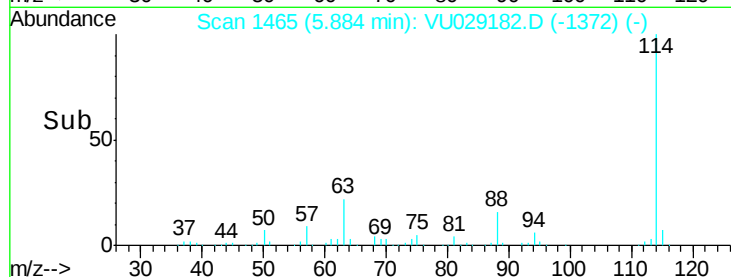
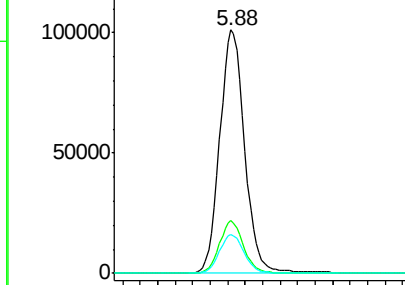
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029182.D
 Acq: 15 Jan 2019 13:54

Instrument :
 MSVOA_U
 ClientSampleId :
 PB116371ZHE#04

Tot Ion:114	Resp:	200375
Ion Ratio	Lower	Upper
114 100		
63 21.6	0.0	40.2
88 15.9	0.0	30.4

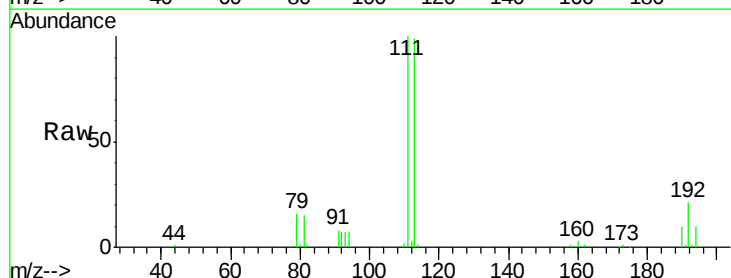


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

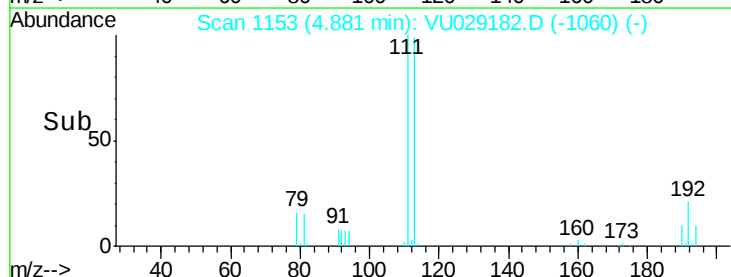
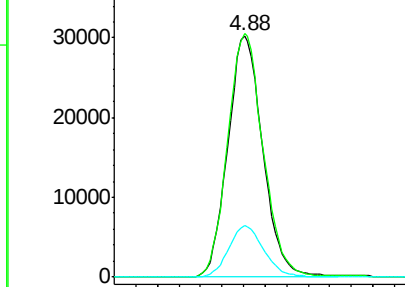


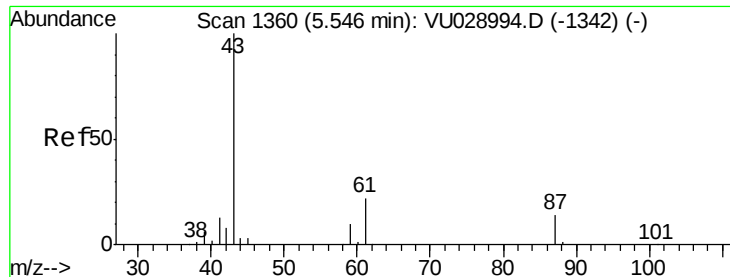
#35
 Dibromofluoromethane
 Concen: 52.695 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029182.D
 Acq: 15 Jan 2019 13:54

Tgt Ion:113	Resp:	68445
Ion Ratio	Lower	Upper
113 100		
111 102.2	81.4	122.2
192 21.4	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: 2.557 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU029182.D

Acq: 15 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#04

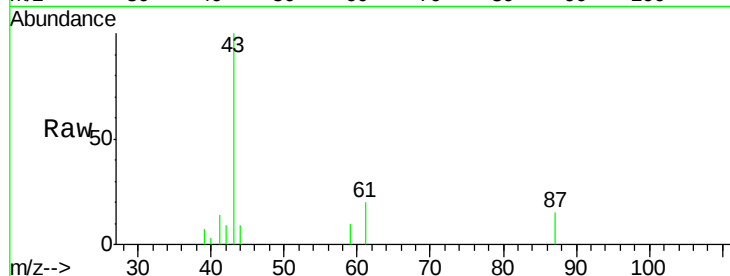
Tot Ion: 43 Resp: 8624

Ion Ratio Lower Upper

43 100

61 21.8 17.8 26.6

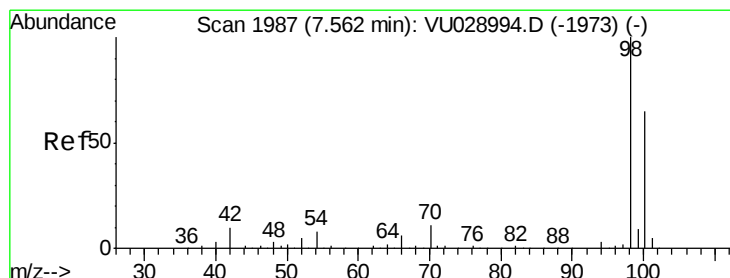
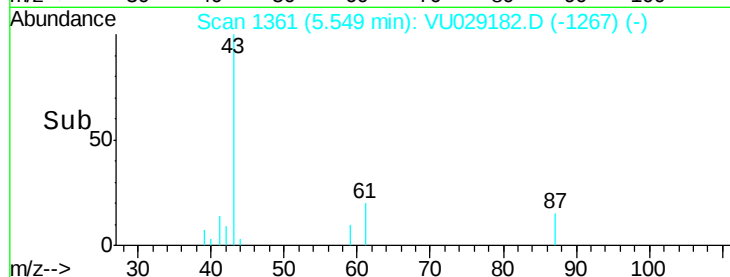
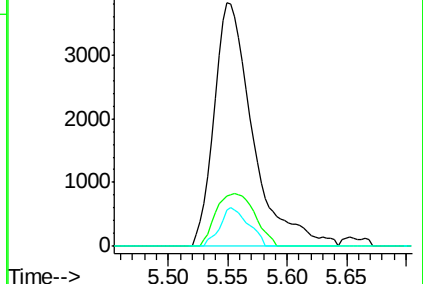
87 11.6 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU028994.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU028994.D (-1342) (-)



#50

Toluene-d8

Concen: 50.424 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029182.D

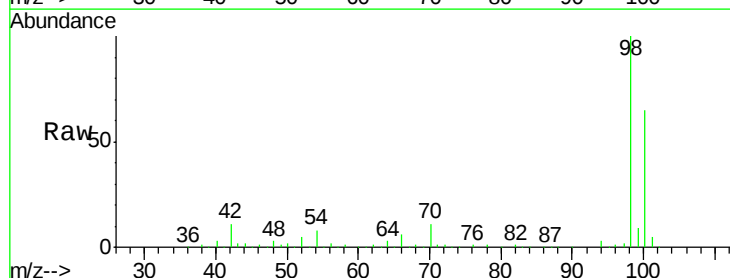
Acq: 15 Jan 2019 13:54

Tgt Ion: 98 Resp: 258567

Ion Ratio Lower Upper

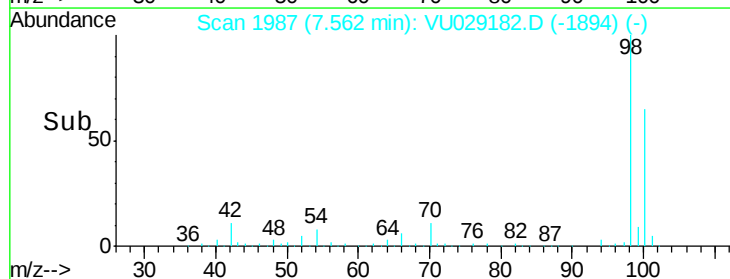
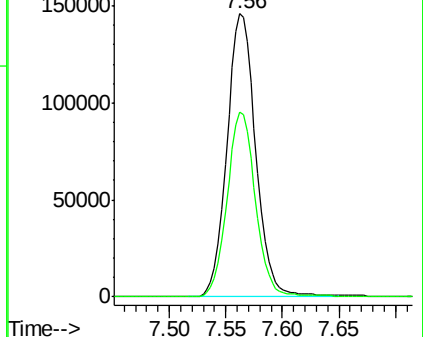
98 100

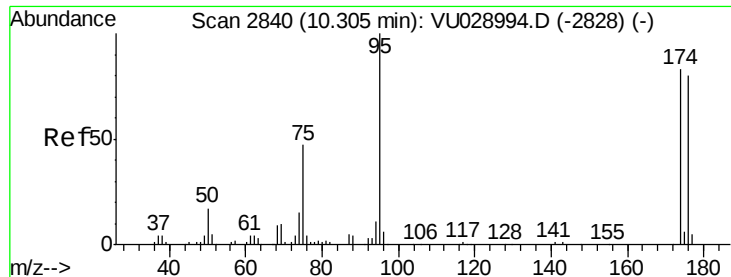
100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028994.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028994.D (-1973) (-)





#62

4-Bromofluorobenzene

Concen: 44.553 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029182.D

Acq: 15 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#04

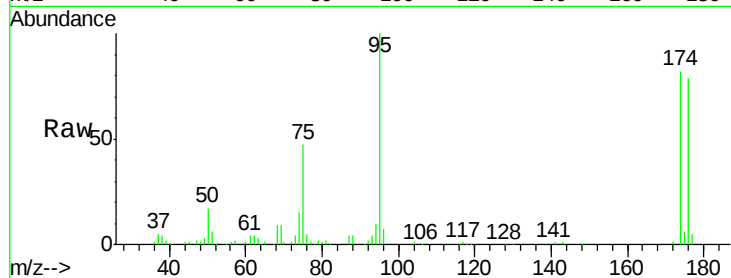
Tot Ion: 95 Resp: 82104

Ion Ratio Lower Upper

95 100

174 85.4 0.0 170.6

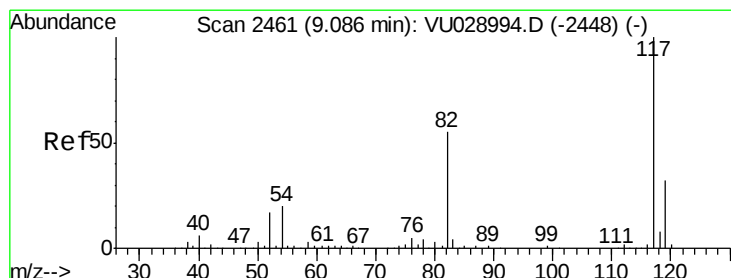
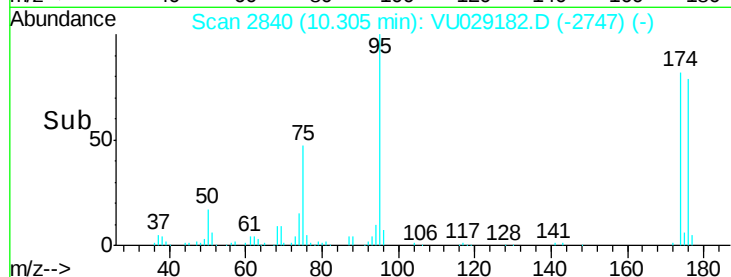
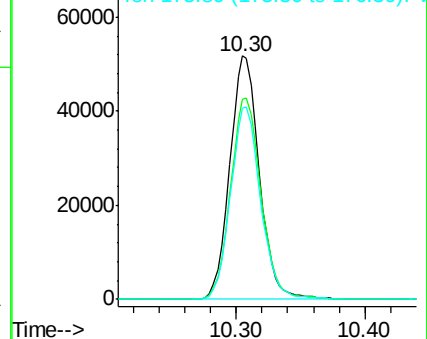
176 80.3 0.0 165.0



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: VU029182.D

Acq: 15 Jan 2019 13:54

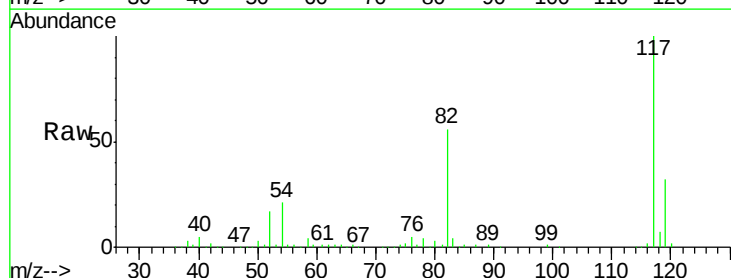
Tgt Ion: 117 Resp: 188607

Ion Ratio Lower Upper

117 100

82 56.0 43.9 65.9

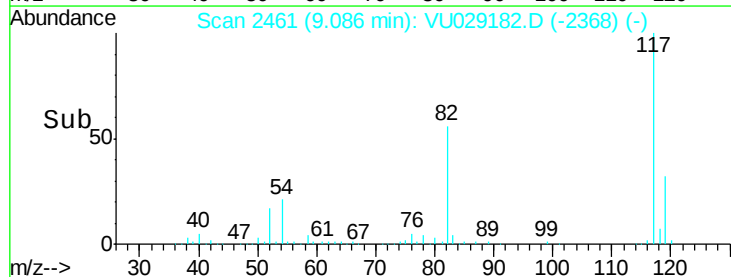
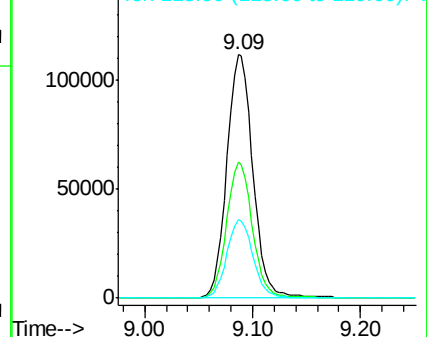
119 32.3 26.0 39.0

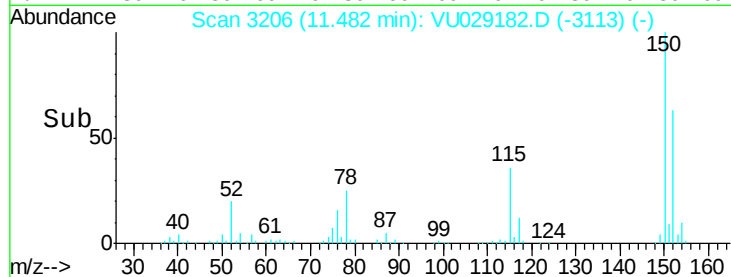
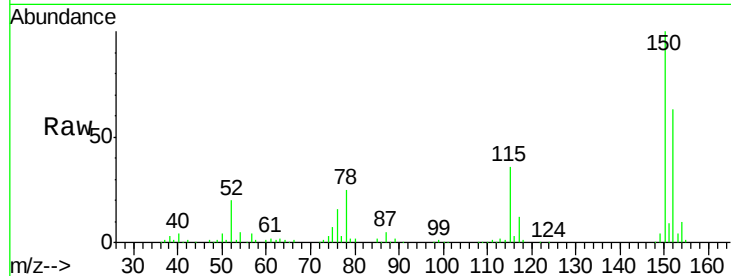
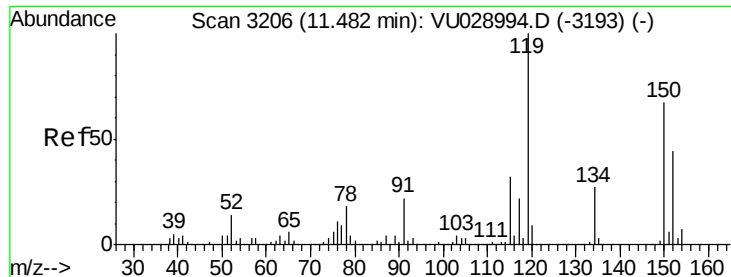


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

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: VU029182.D

Acq: 15 Jan 2019 13:54

Instrument :

MSVOA_U

ClientSampleId :

PB116371ZHE#04

Tot Ion:152 Resp: 75710

Ion Ratio Lower Upper

152 100

115 57.5 40.1 120.3

150 155.9 0.0 345.2

