

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012119\
 Data File : VU029251.D
 Acq On : 21 Jan 2019 16:08
 Operator : JC/SP
 Sample : K1013-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PL-01-011819-B

Quant Time: Jan 22 02:47:40 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

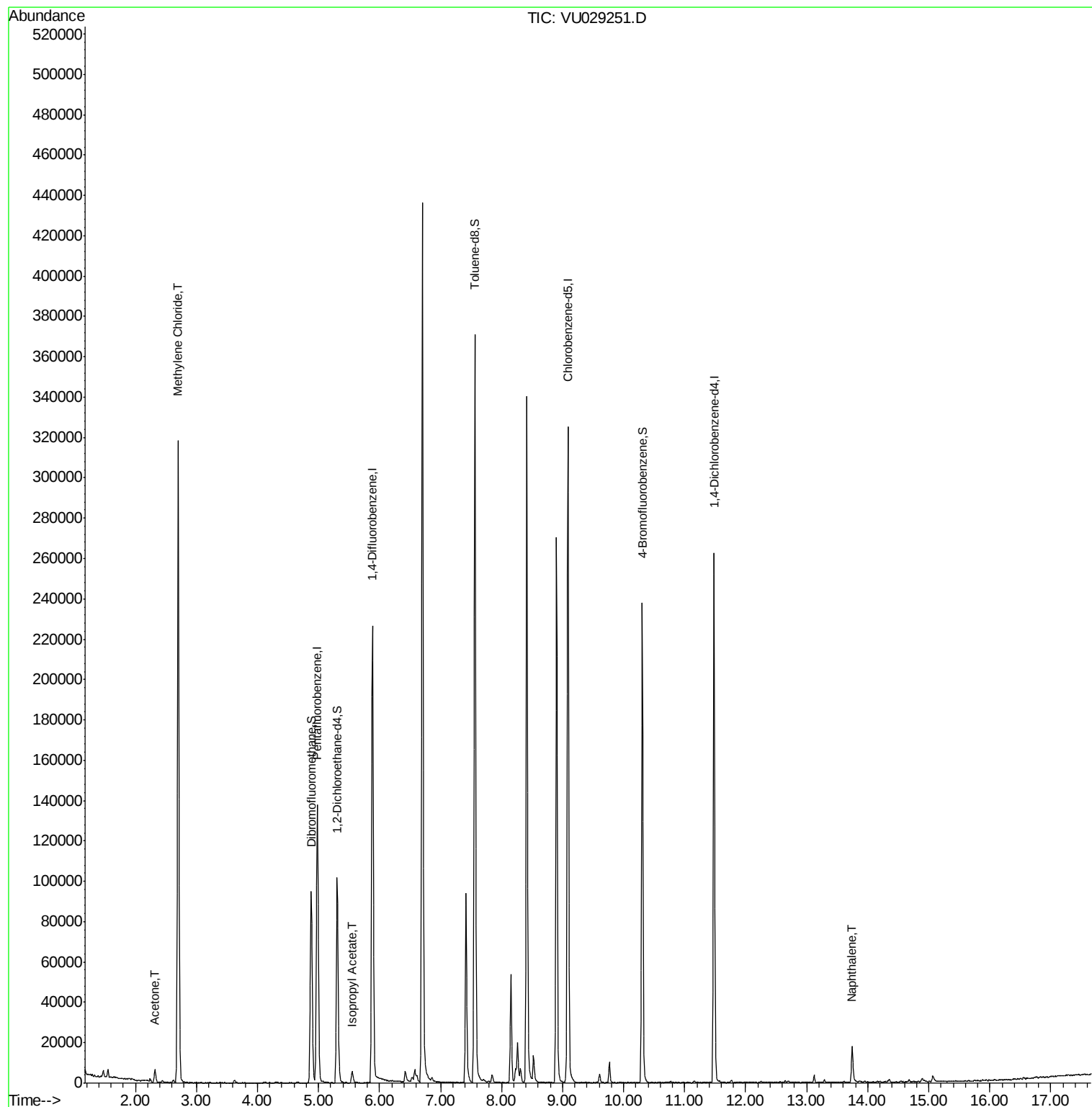
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	112407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	193749	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	189558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	76817	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.56%	
35) Dibromofluoromethane	4.88	113	66914	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
50) Toluene-d8	7.56	98	257875	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	10.30	95	81296	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
Target Compounds						
16) Acetone	2.32	43	7418	8.474	ug/l	97
20) Methylene Chloride	2.70	84	140076	94.248	ug/l	98
43) Isopropyl Acetate	5.55	43	6823	2.092	ug/l	95
95) Naphthalene	13.75	128	18062	3.266	ug/l	99

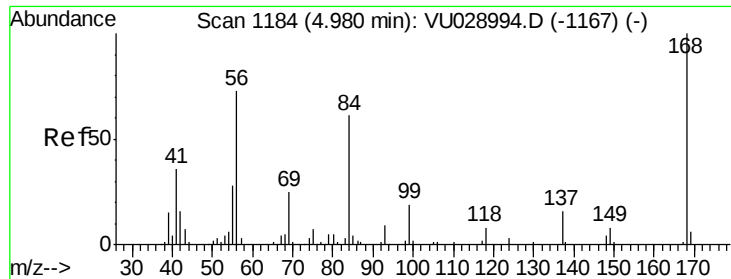
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029251.D

Acq: 21 Jan 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

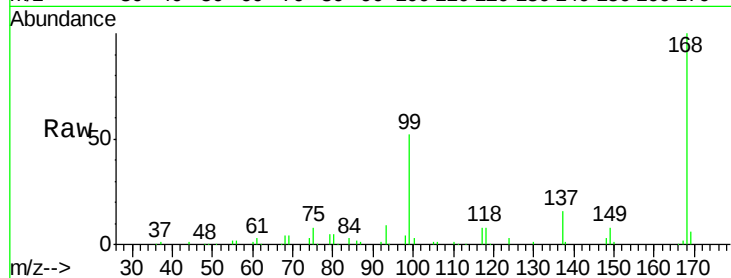
PL-01-011819-B

Tot Ion:168 Resp: 112407

Ion Ratio Lower Upper

168 100

99 51.7 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

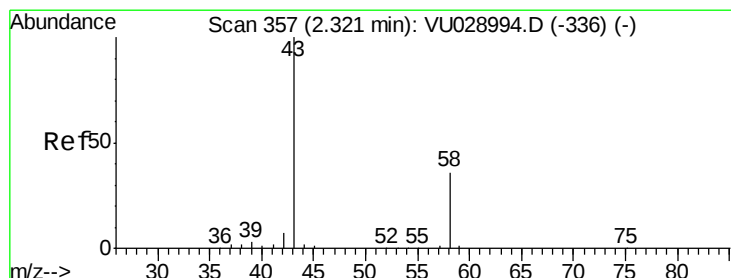
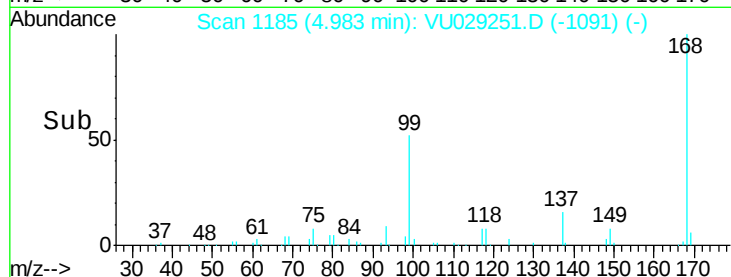
0

4.90

5.00

5.10

Time-->



#16

Acetone

Concen: 8.474 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU029251.D

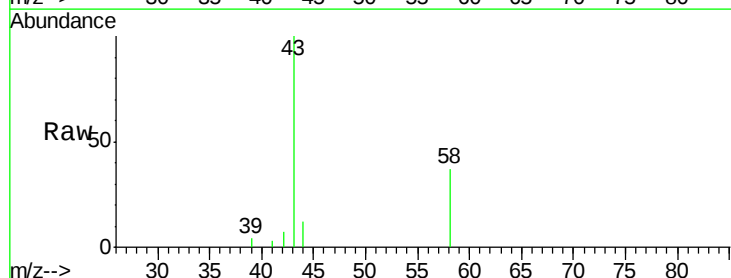
Acq: 21 Jan 2019 16:08

Tgt Ion: 43 Resp: 7418

Ion Ratio Lower Upper

43 100

58 37.4 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

5000

4000

3000

2000

1000

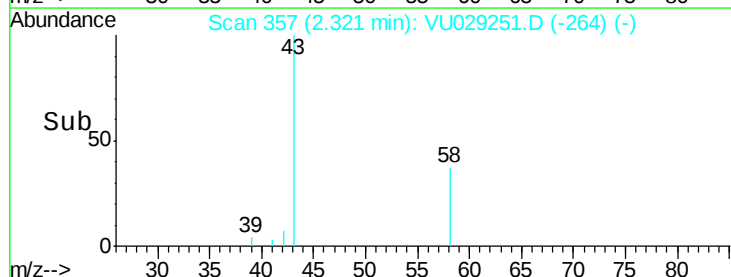
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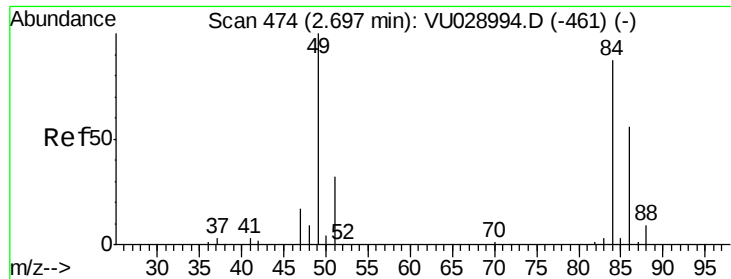
2.25

2.30

2.35

Time-->

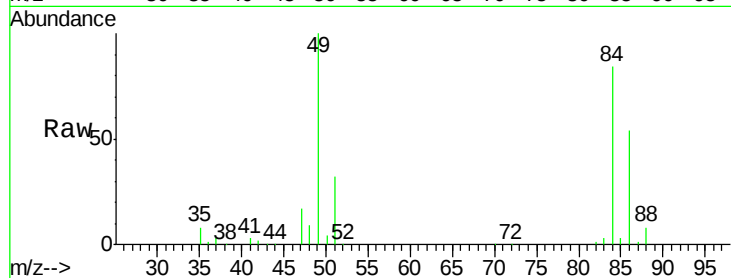




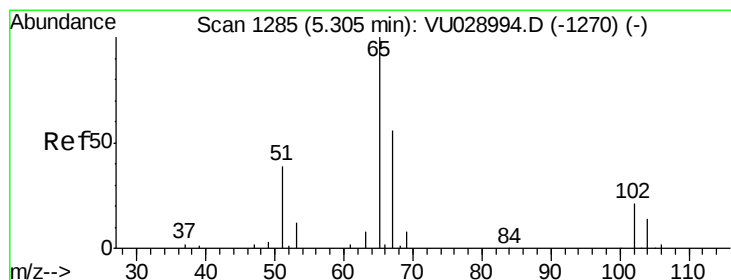
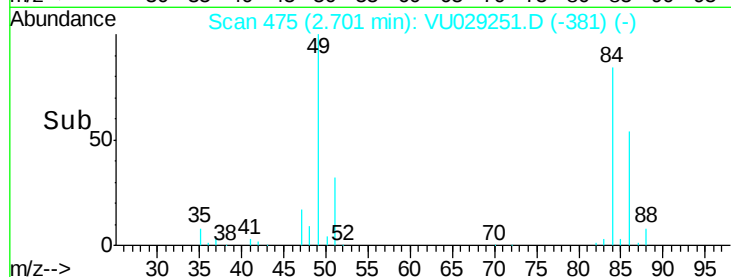
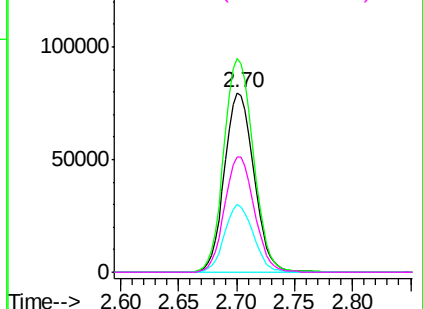
#20
Methvlene Chloride
Concen: 94.248 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029251.D
Acq: 21 Jan 2019 16:08

Instrument :
MSVOA_U
ClientSampleId :
PL-01-011819-B

Tot Ion: 84 Resp: 140076
Ion Ratio Lower Upper
84 100
49 118.9 91.9 137.9
51 37.6 29.2 43.8
86 64.2 51.8 77.6

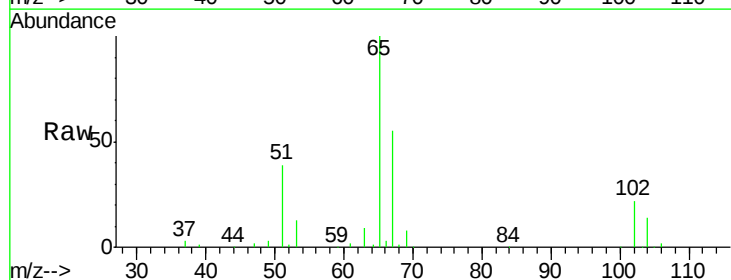


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

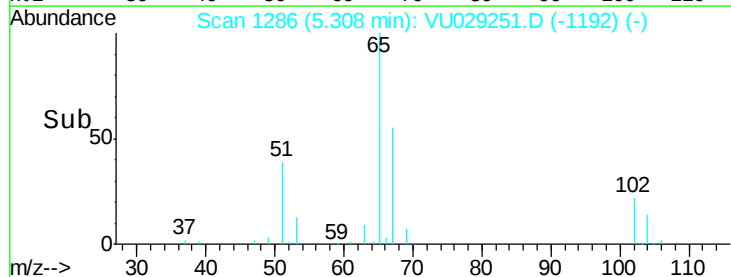
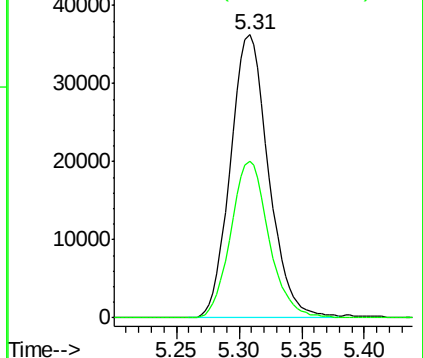


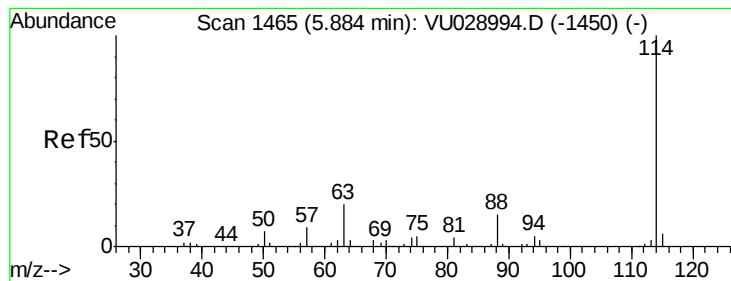
#33
1,2-Dichloroethane-d4
Concen: 55.281 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029251.D
Acq: 21 Jan 2019 16:08

Tgt Ion: 65 Resp: 76817
Ion Ratio Lower Upper
65 100
67 55.3 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: VU029251.D

Acq: 21 Jan 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

PL-01-011819-B

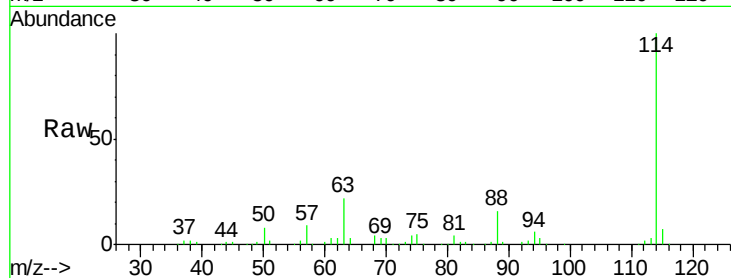
Tot Ion:114 Resp: 193749

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.2

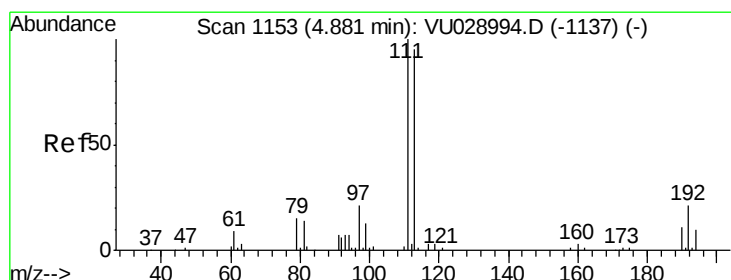
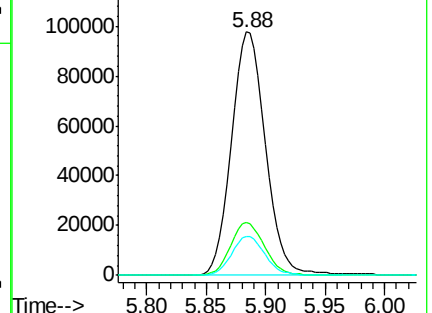
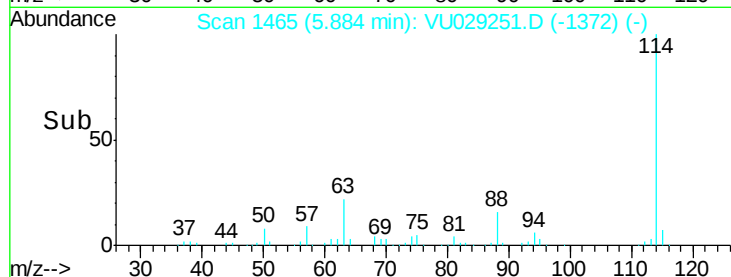
88 16.0 0.0 30.4



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: 53.278 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU029251.D

Acq: 21 Jan 2019 16:08

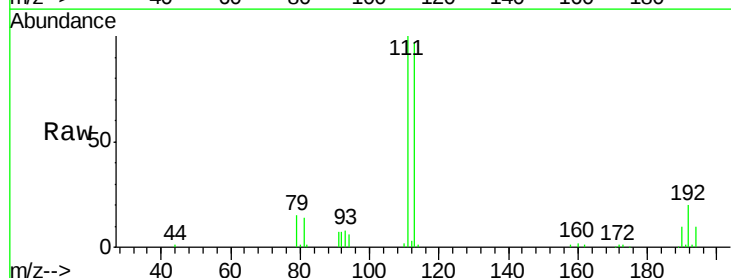
Tgt Ion:113 Resp: 66914

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.2

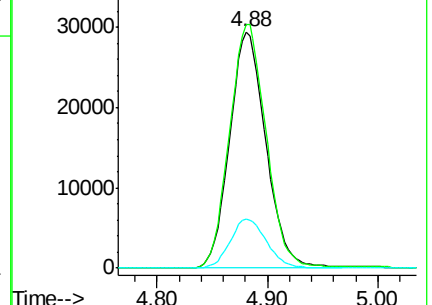
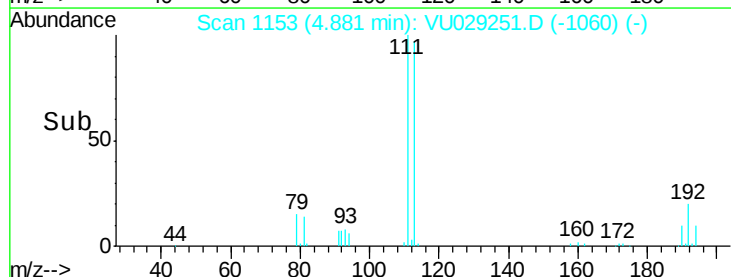
192 20.7 16.8 25.2

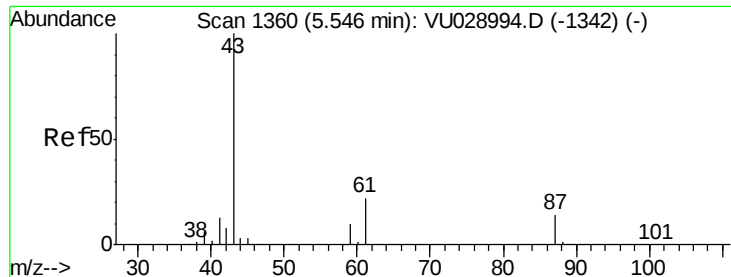


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.092 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029251.D

Acq: 21 Jan 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

PL-01-011819-B

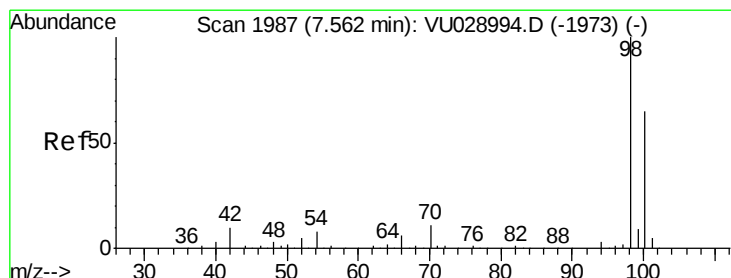
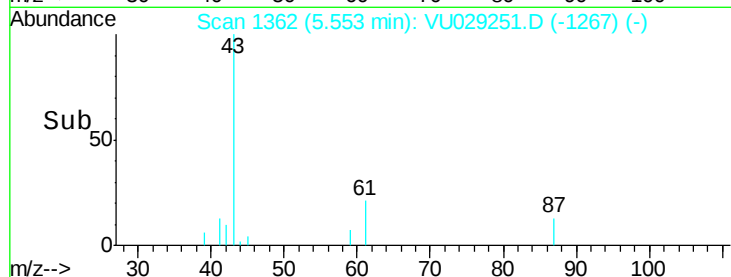
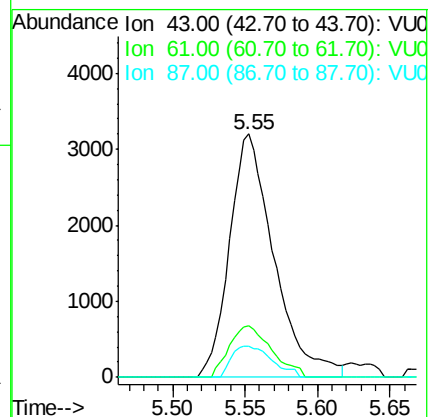
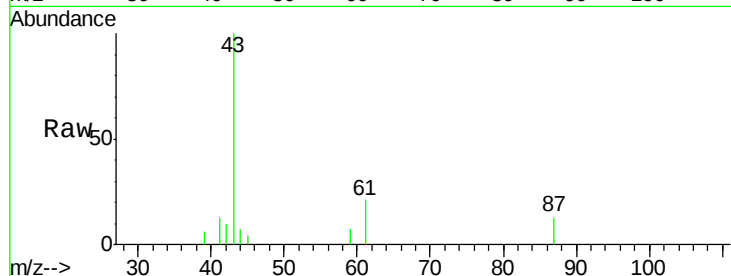
Tot Ion: 43 Resp: 6823

Ion Ratio Lower Upper

43 100

61 20.0 17.8 26.6

87 11.7 11.3 16.9



#50

Toluene-d8

Concen: 52.009 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU029251.D

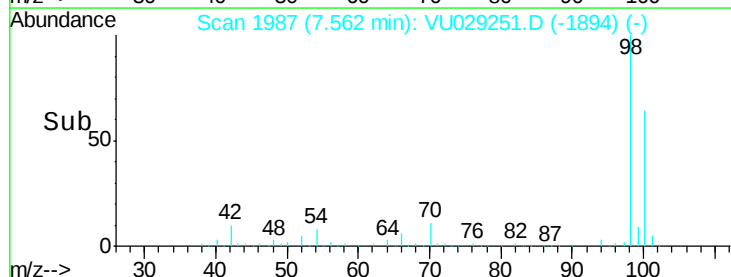
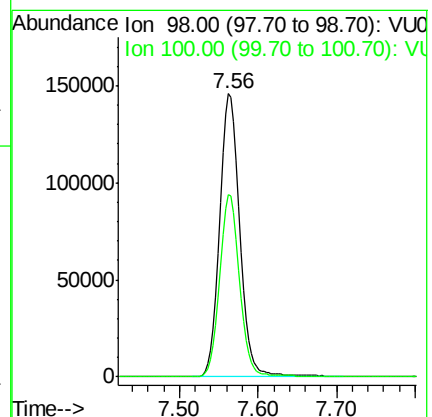
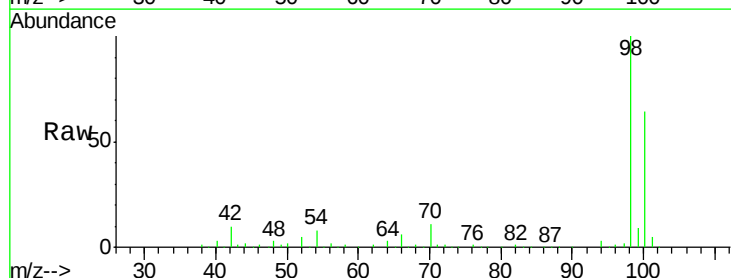
Acq: 21 Jan 2019 16:08

Tgt Ion: 98 Resp: 257875

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 45.623 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU029251.D

Acq: 21 Jan 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

PL-01-011819-B

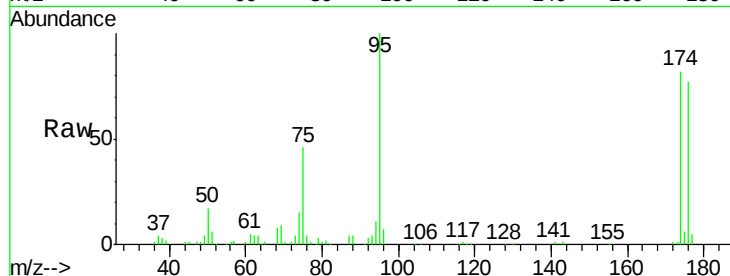
Tot Ion: 95 Resp: 81296

Ion Ratio Lower Upper

95 100

174 84.1 0.0 170.6

176 80.9 0.0 165.0

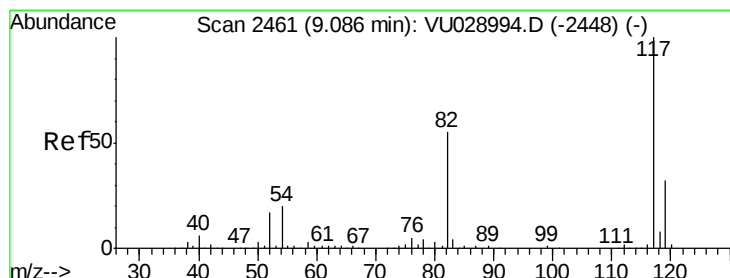
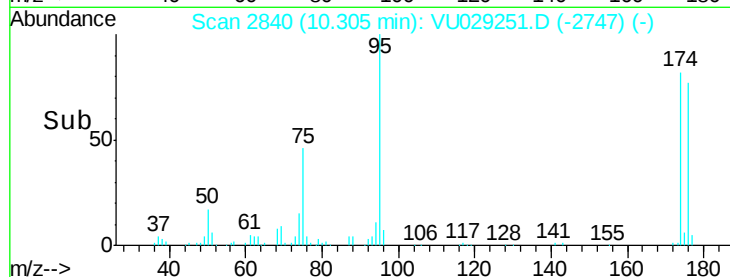


Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

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: VU029251.D

Acq: 21 Jan 2019 16:08

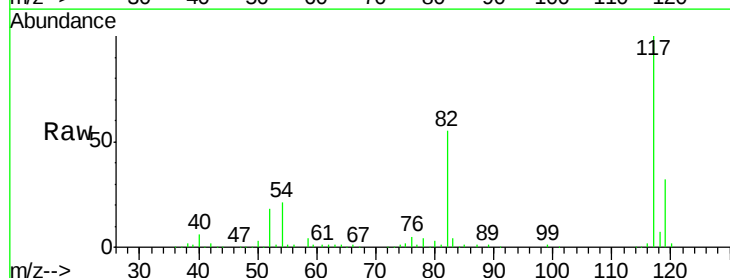
Tgt Ion: 117 Resp: 189558

Ion Ratio Lower Upper

117 100

82 55.5 43.9 65.9

119 31.8 26.0 39.0

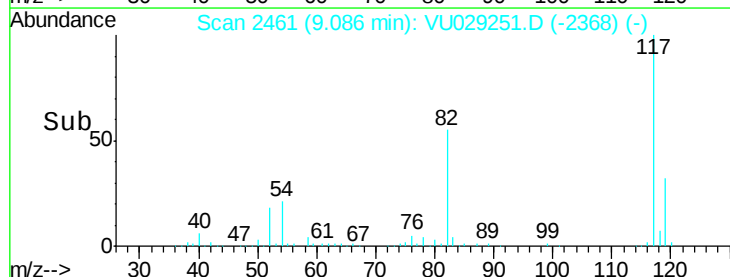


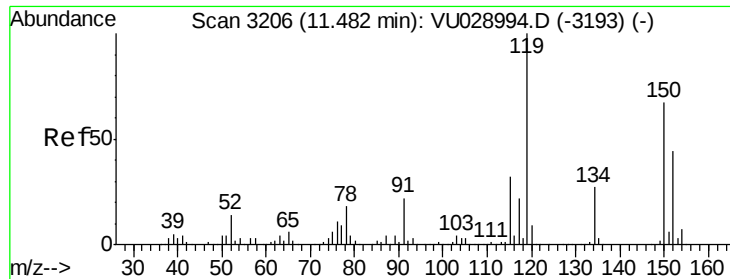
Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

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

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

Time--> 9.00 9.10 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: VU029251.D

Acq: 21 Jan 2019 16:08

Instrument :

MSVOA_U

ClientSampleId :

PL-01-011819-B

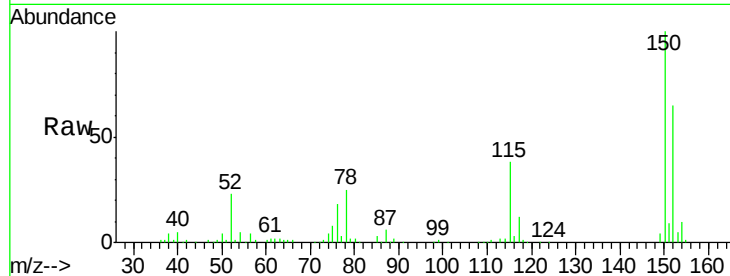
Tot Ion:152 Resp: 71471

Ion Ratio Lower Upper

152 100

115 57.2 40.1 120.3

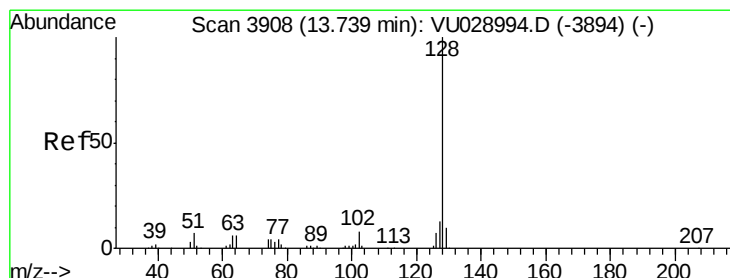
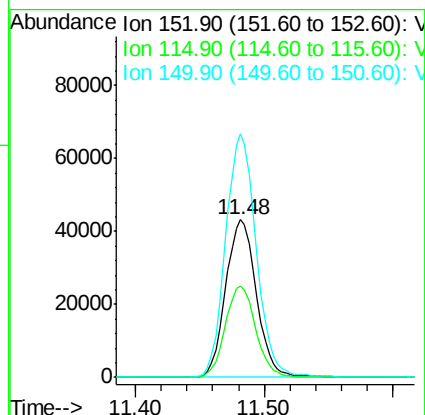
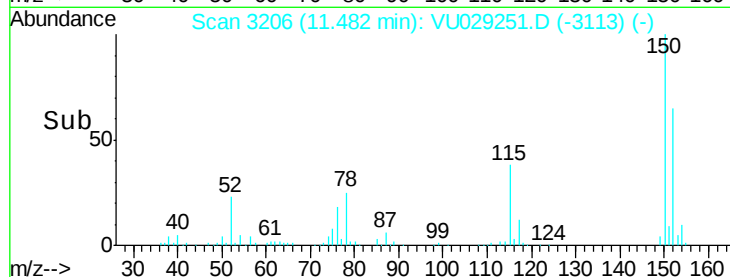
150 154.3 0.0 345.2



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



#95

Naphthalene

Concen: 3.266 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.01 min

Lab File: VU029251.D

Acq: 21 Jan 2019 16:08

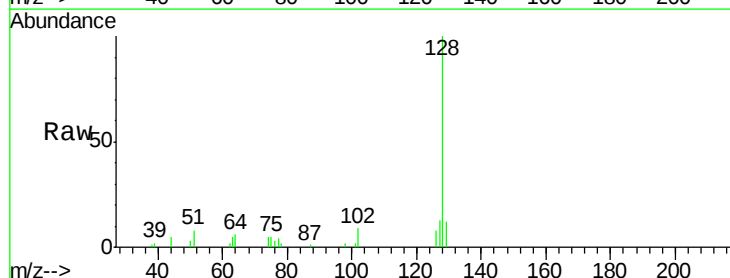
Tgt Ion:128 Resp: 18062

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

