

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012119\
 Data File : VU029253.D
 Acq On : 21 Jan 2019 16:56
 Operator : JC/SP
 Sample : K1013-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Jan 22 02:51:54 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

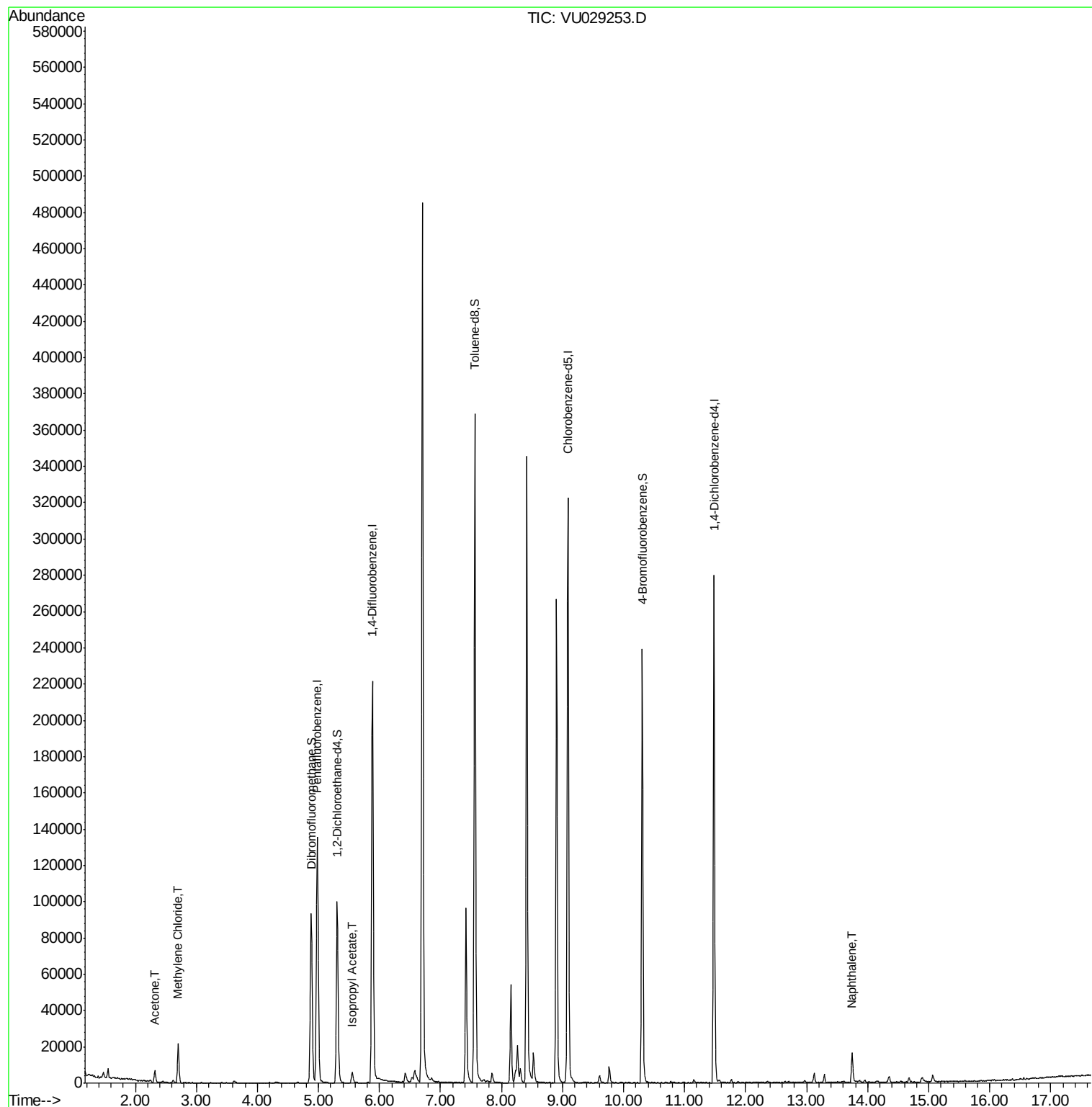
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	110427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	194258	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	184543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	76087	55.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.48%	
35) Dibromofluoromethane	4.88	113	65465	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
50) Toluene-d8	7.56	98	253746	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	10.30	95	79383	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
Target Compounds						
16) Acetone	2.32	43	7520	8.745	ug/l	95
20) Methylene Chloride	2.70	84	9917	6.792	ug/l	99
43) Isopropyl Acetate	5.56	43	7541	2.307	ug/l #	89
95) Naphthalene	13.75	128	16848	2.925	ug/l	98

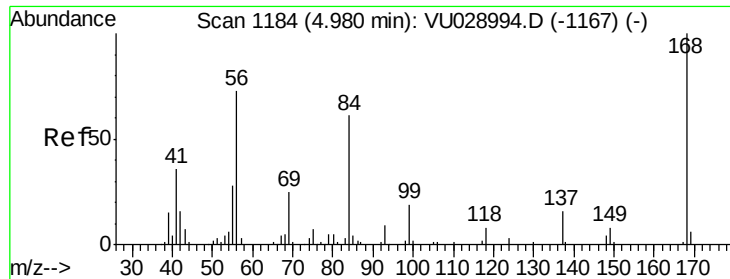
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029253.D

Acq: 21 Jan 2019 16:56

Instrument :

MSVOA_U

ClientSampleId :

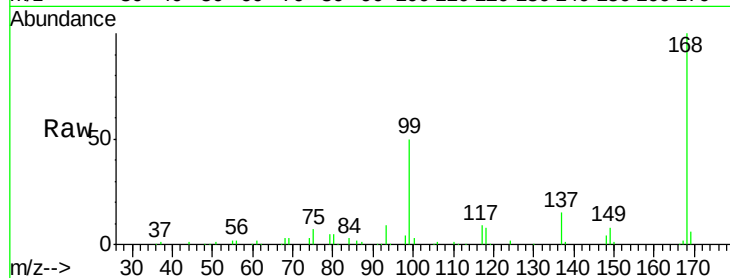
PL-01-011819-D

Tot Ion:168 Resp: 110427

Ion Ratio Lower Upper

168 100

99 50.0 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

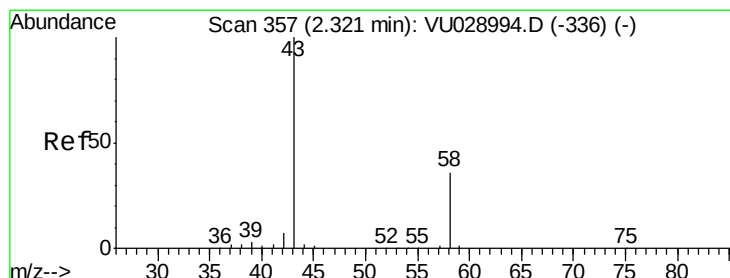
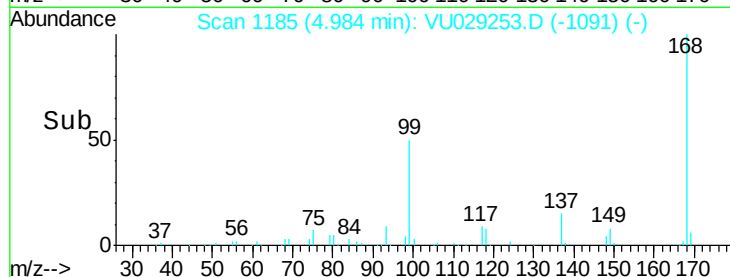
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 8.745 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU029253.D

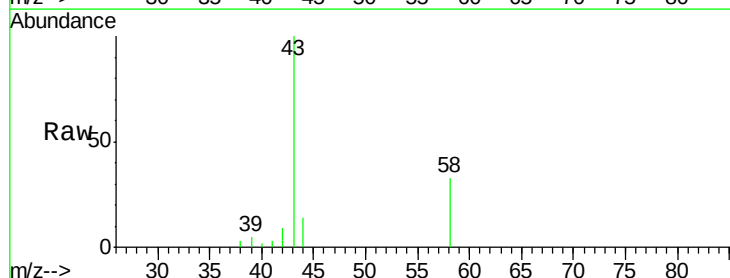
Acq: 21 Jan 2019 16:56

Tgt Ion: 43 Resp: 7520

Ion Ratio Lower Upper

43 100

58 33.0 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

5000

4000

3000

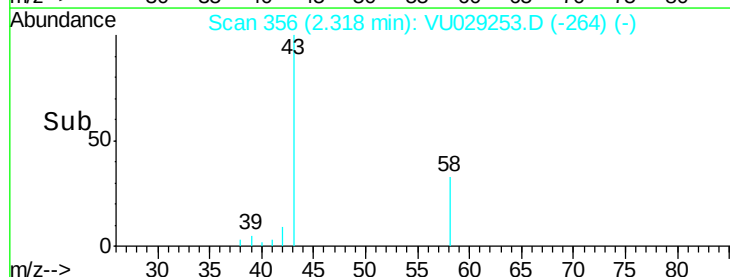
2000

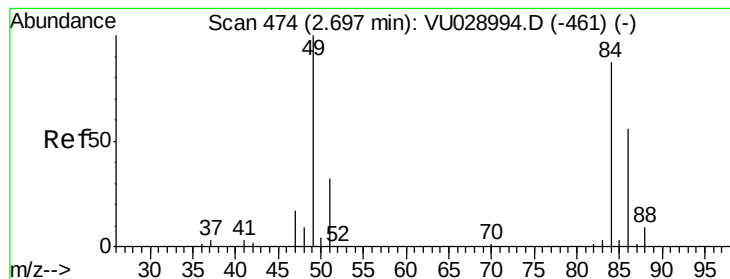
1000

0

2.25 2.30 2.35 2.40

Time-->





#20

Methylene Chloride

Concen: 6.792 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029253.D

Acq: 21 Jan 2019 16:56

Instrument :

MSVOA_U

ClientSampleId :

PL-01-011819-D

Tot Ion: 84 Resp: 9917

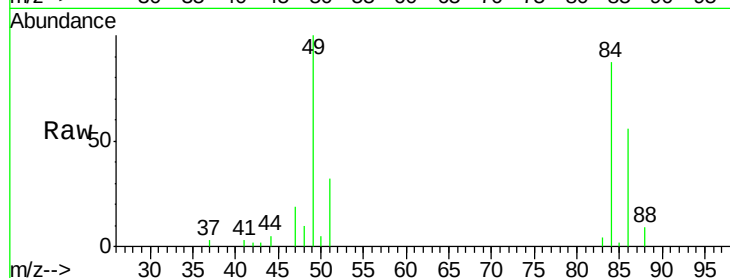
Ion Ratio Lower Upper

84 100

49 114.3 91.9 137.9

51 37.2 29.2 43.8

86 63.5 51.8 77.6

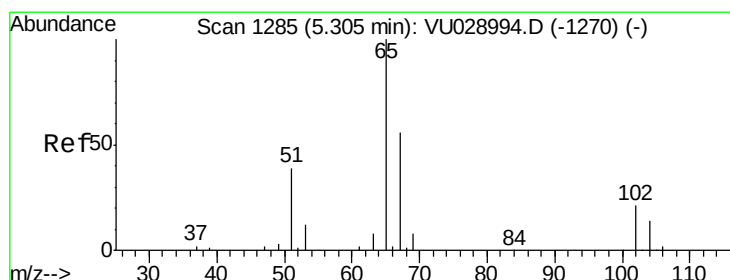
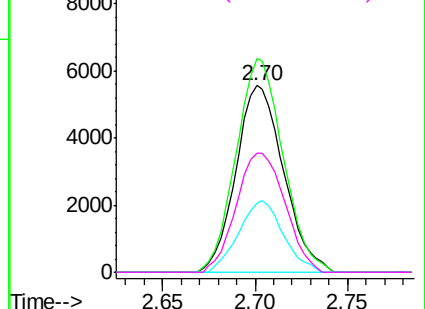
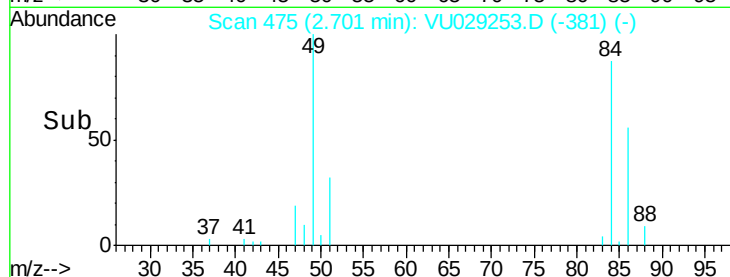


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 55.738 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU029253.D

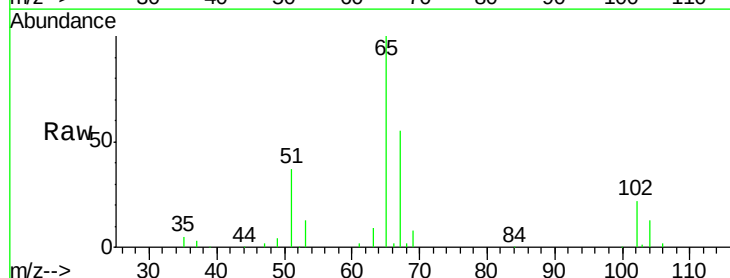
Acq: 21 Jan 2019 16:56

Tgt Ion: 65 Resp: 76087

Ion Ratio Lower Upper

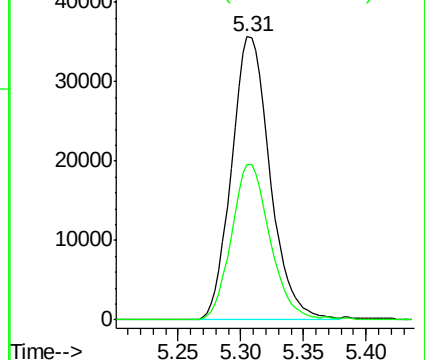
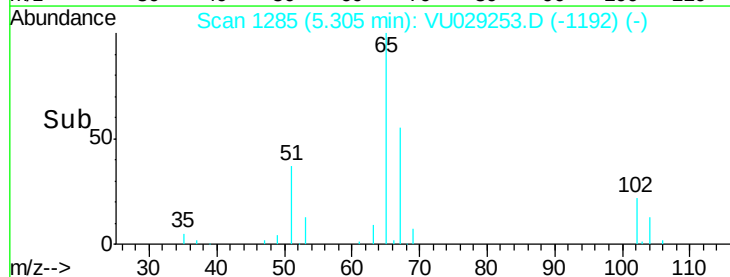
65 100

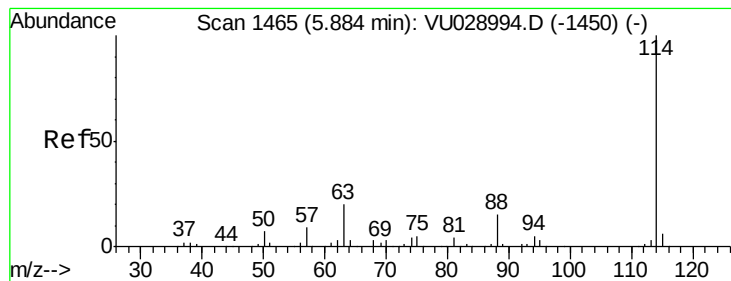
67 54.7 0.0 111.0



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: VU029253.D

Acq: 21 Jan 2019 16:56

Instrument :

MSVOA_U

ClientSampleId :

PL-01-011819-D

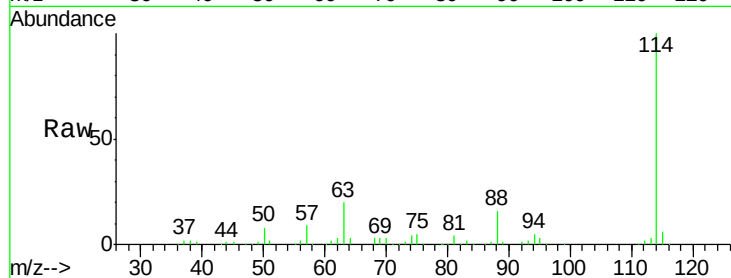
Tot Ion:114 Resp: 194258

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

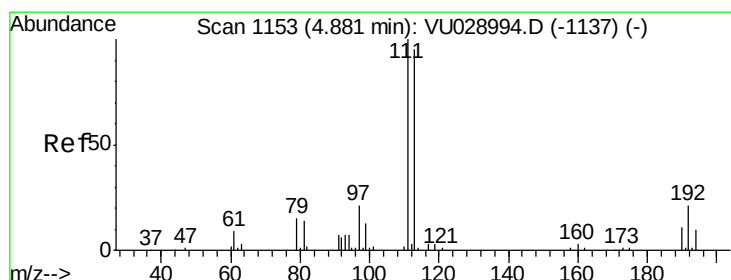
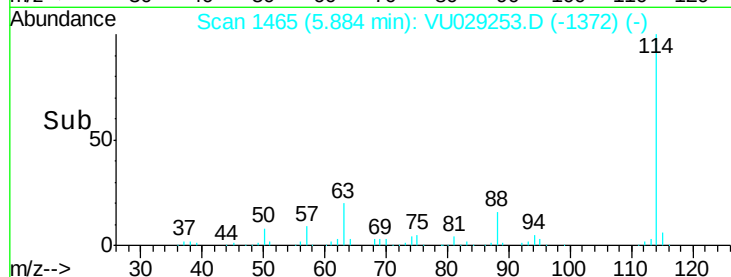
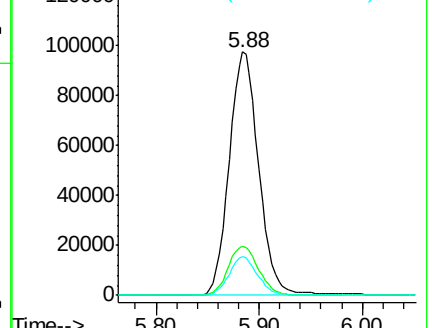
88 16.1 0.0 30.4



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: 51.988 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029253.D

Acq: 21 Jan 2019 16:56

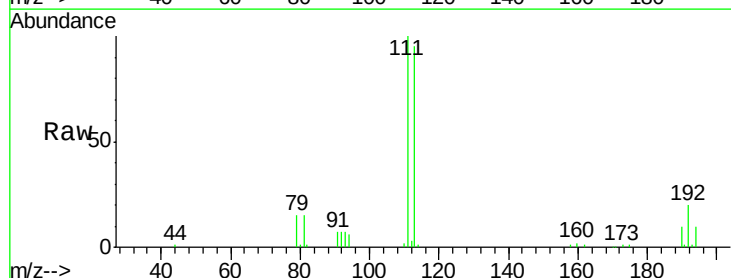
Tgt Ion:113 Resp: 65465

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.2

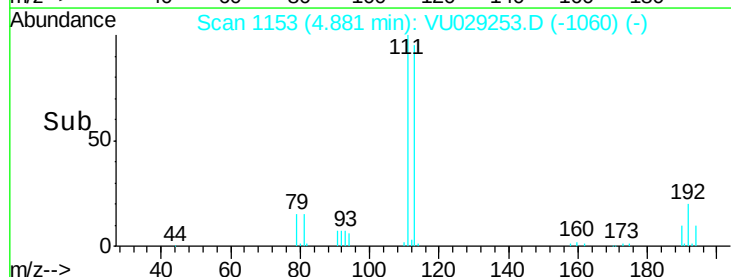
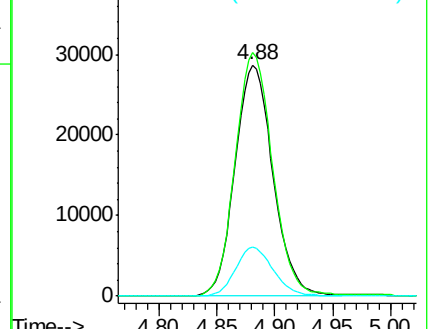
192 20.8 16.8 25.2

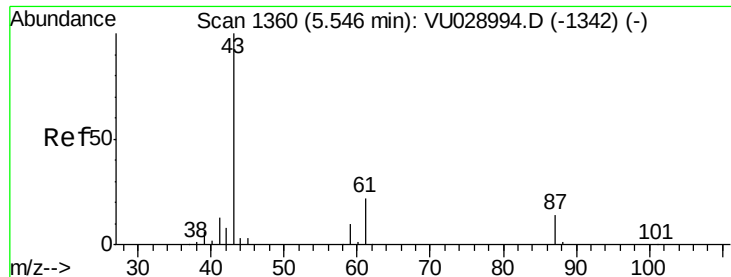


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.307 ug/l

RT: 5.56 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VU029253.D

Acq: 21 Jan 2019 16:56

Instrument :

MSVOA_U

ClientSampleId :

PL-01-011819-D

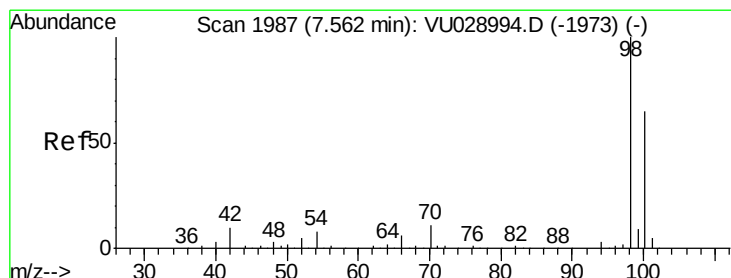
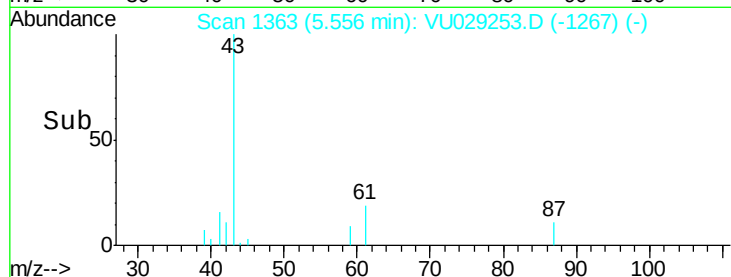
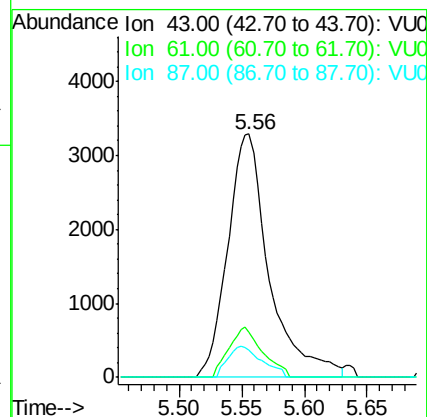
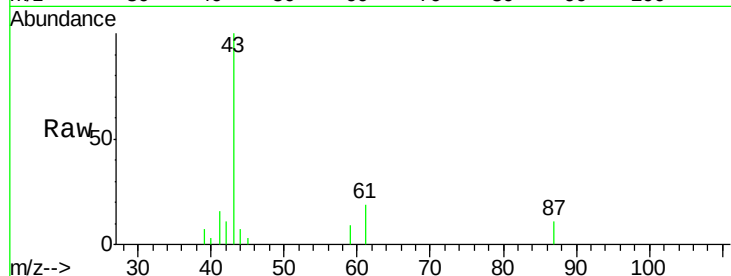
Tot Ion: 43 Resp: 7541

Ion Ratio Lower Upper

43 100

61 16.7 17.8 26.6#

87 10.4 11.3 16.9#



#50

Toluene-d8

Concen: 51.042 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029253.D

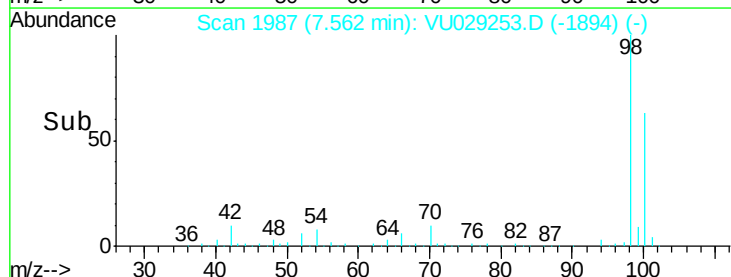
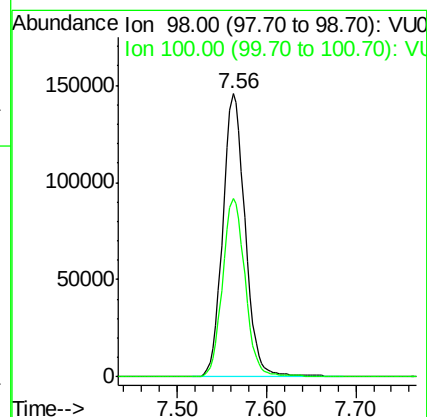
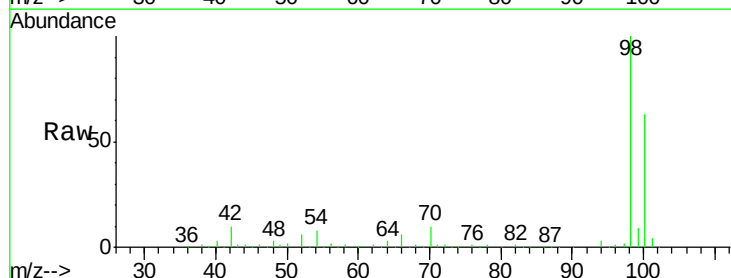
Acq: 21 Jan 2019 16:56

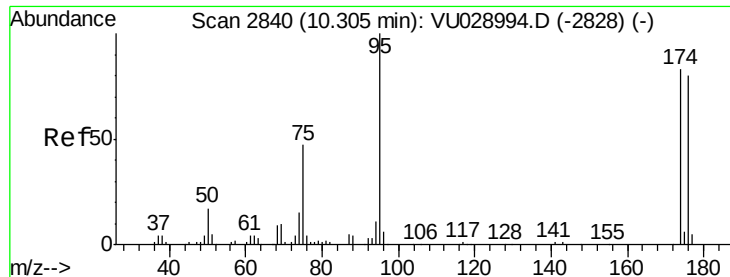
Tgt Ion: 98 Resp: 253746

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4

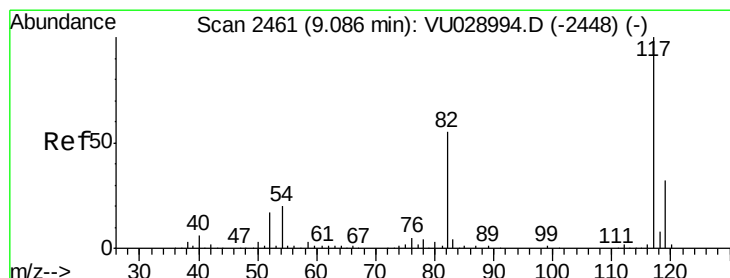
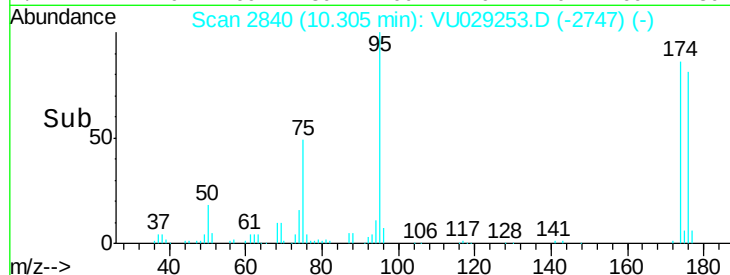
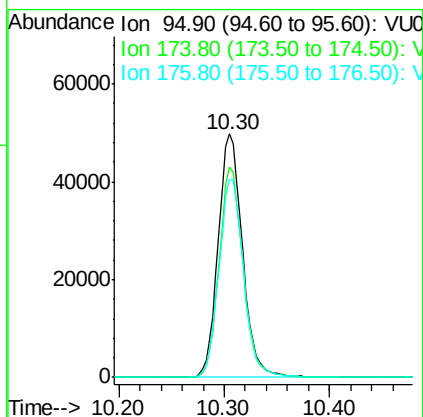
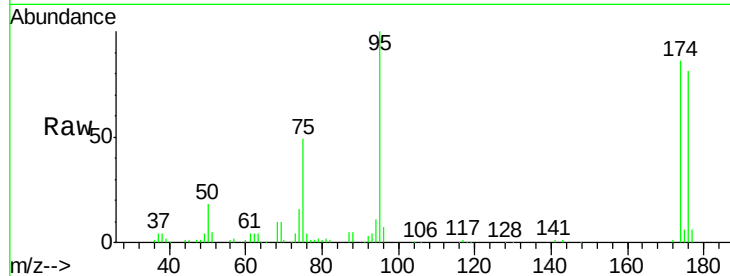




#62
4-Bromofluorobenzene
Concen: 44.433 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029253.D
Acq: 21 Jan 2019 16:56

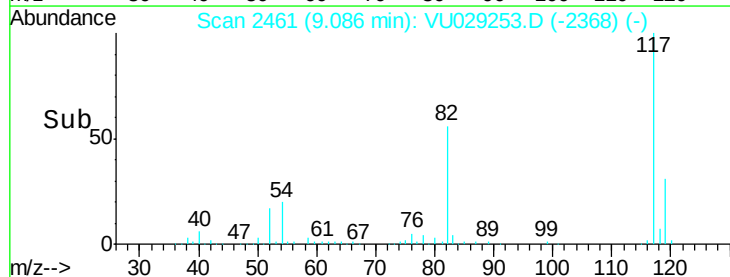
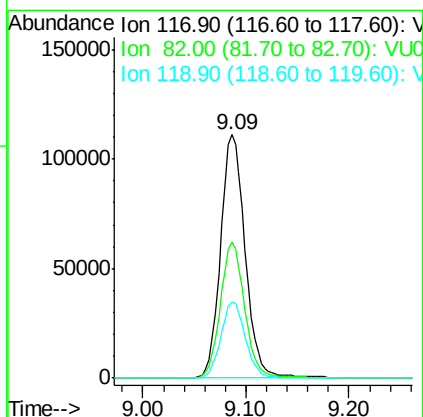
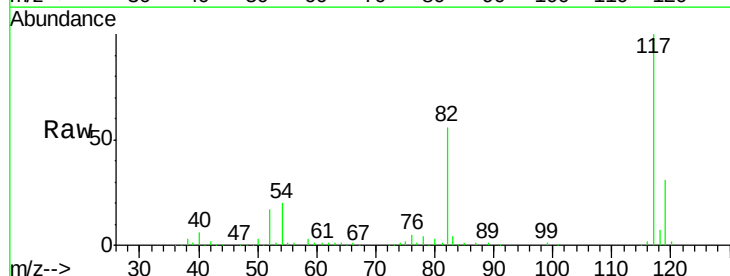
Instrument :
MSVOA_U
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PL-01-011819-D

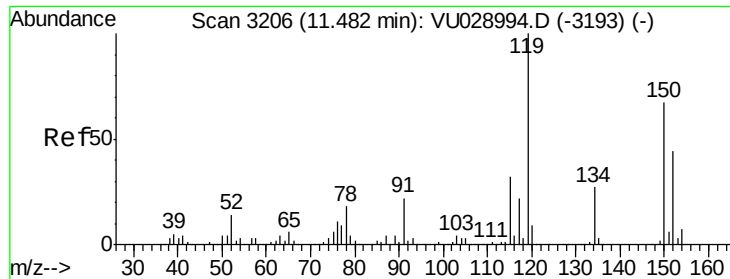
Tot Ion: 95 Resp: 79383
Ion Ratio Lower Upper
95 100
174 85.4 0.0 170.6
176 82.5 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029253.D
Acq: 21 Jan 2019 16:56

Tgt Ion: 117 Resp: 184543
Ion Ratio Lower Upper
117 100
82 55.7 43.9 65.9
119 31.4 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029253.D

Acq: 21 Jan 2019 16:56

Instrument :

MSVOA_U

ClientSampleId :

PL-01-011819-D

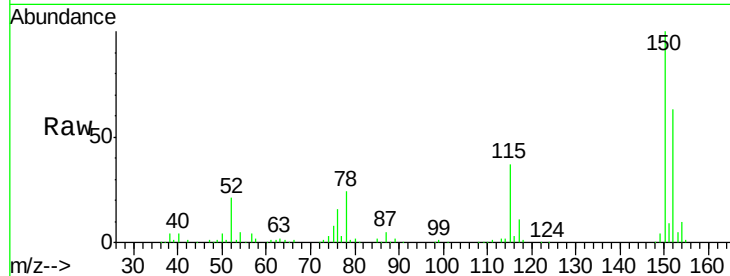
Tot Ion:152 Resp: 74431

Ion Ratio Lower Upper

152 100

115 58.2 40.1 120.3

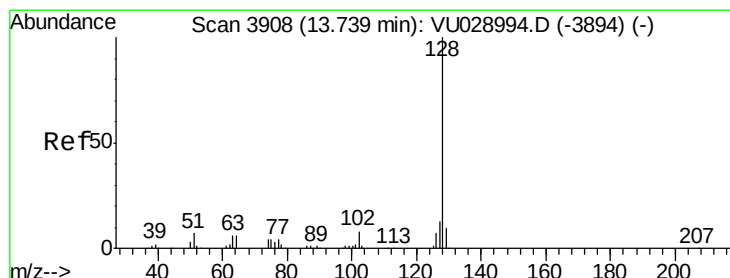
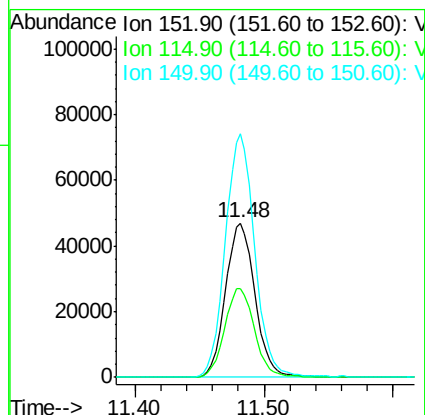
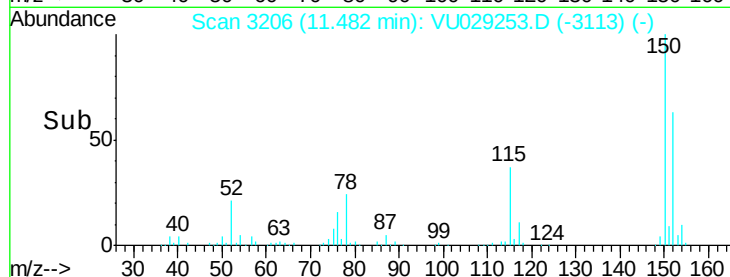
150 157.2 0.0 345.2



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: 2.925 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.01 min

Lab File: VU029253.D

Acq: 21 Jan 2019 16:56

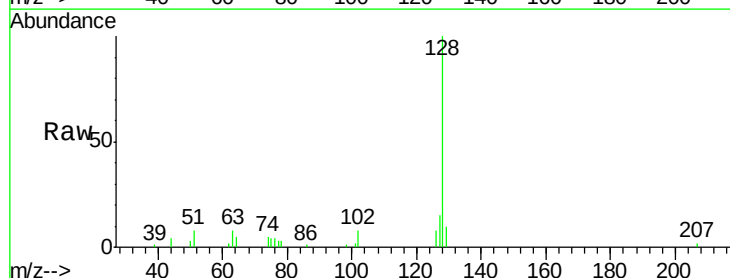
Tgt Ion:128 Resp: 16848

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 9.5 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

