

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011619\
 Data File : VU029203.D
 Acq On : 16 Jan 2019 12:41
 Operator : JC/SP
 Sample : K1147-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-5

Quant Time: Jan 17 01:21:00 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

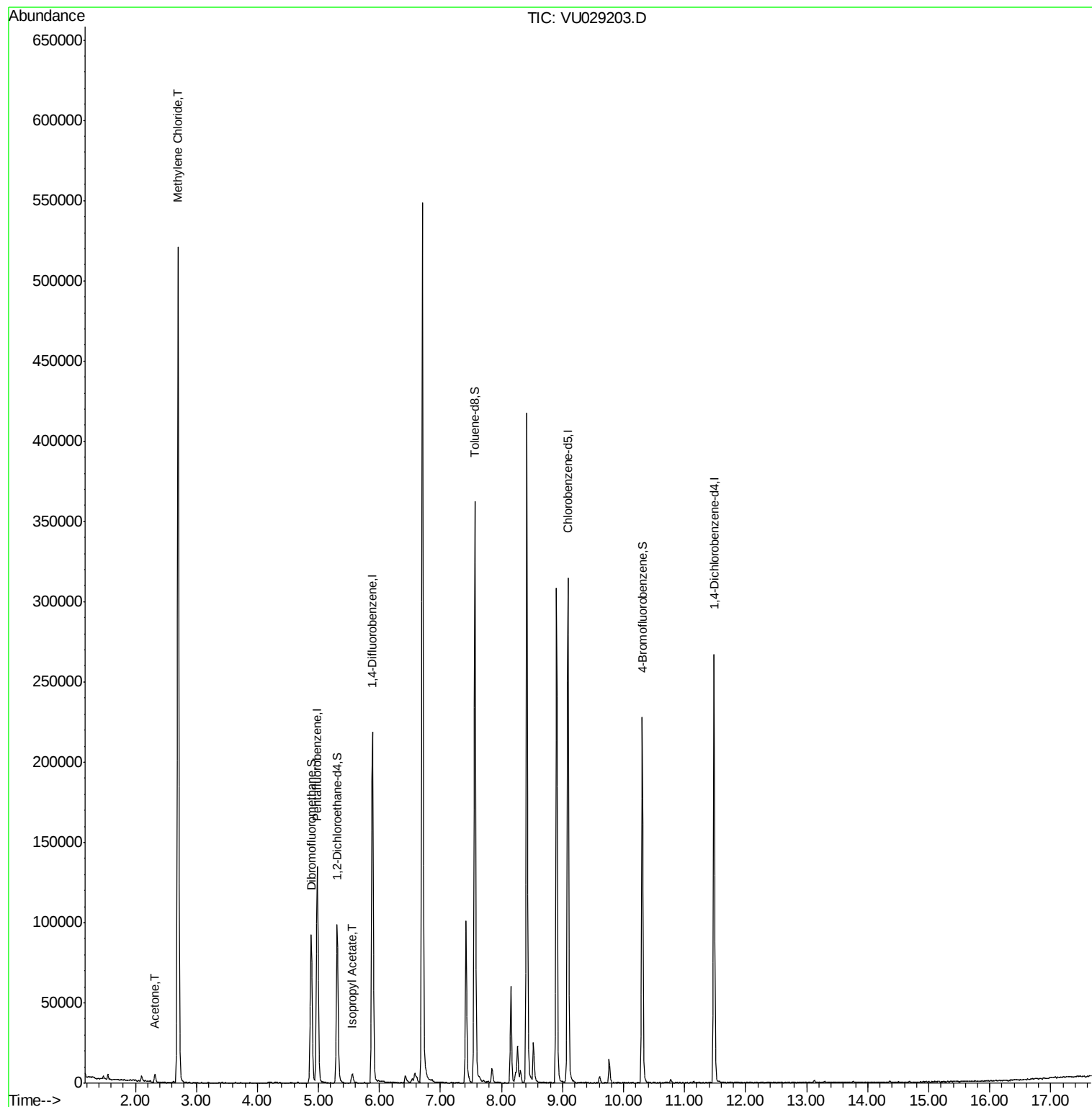
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	189293	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	180777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75314	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
35) Dibromofluoromethane	4.88	113	64799	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
50) Toluene-d8	7.56	98	246498	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	10.31	95	78062	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
Target Compounds						
16) Acetone	2.32	43	5803	6.906	ug/l	96
20) Methylene Chloride	2.70	84	226516	158.776	ug/l	98
43) Isopropyl Acetate	5.55	43	7517	2.359	ug/l	94

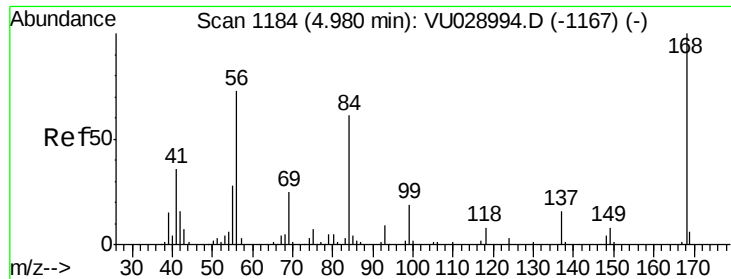
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029203.D

Acq: 16 Jan 2019 12:41

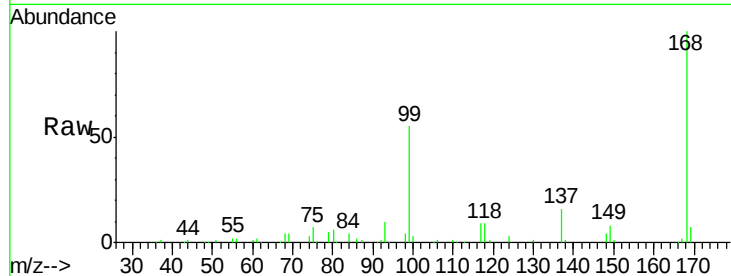
Instrument :
MSVOA_U
ClientSampled :
TP-5

Tot Ion:168 Resp: 107899

Ion Ratio Lower Upper

168 100

99 54.7 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

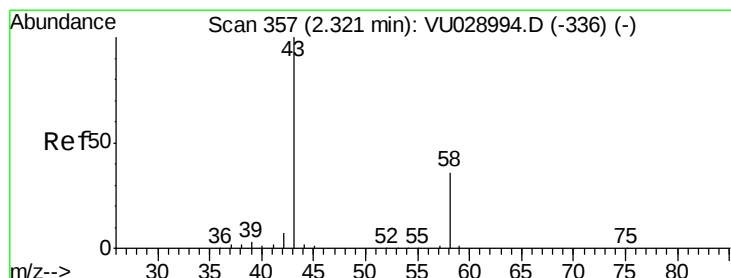
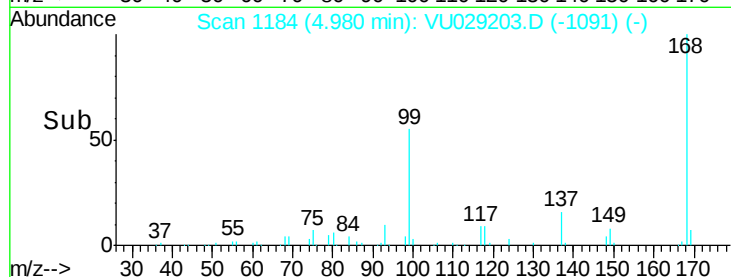
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 6.906 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029203.D

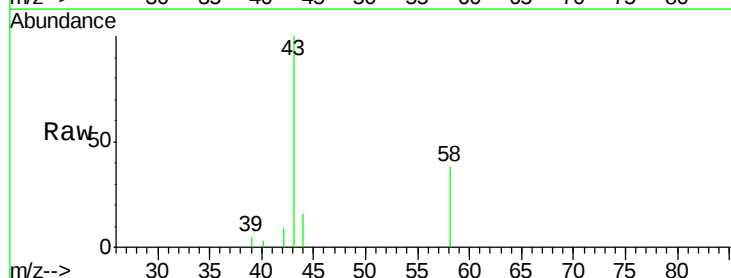
Acq: 16 Jan 2019 12:41

Tgt Ion: 43 Resp: 5803

Ion Ratio Lower Upper

43 100

58 37.9 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

4000

3000

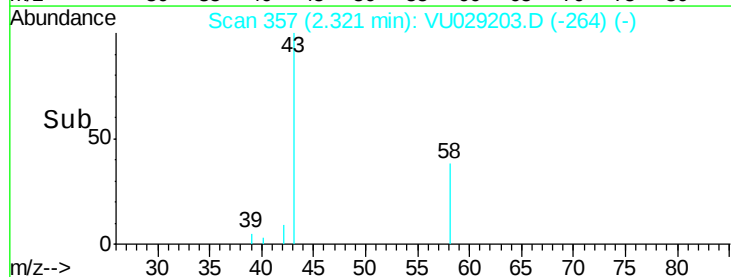
2000

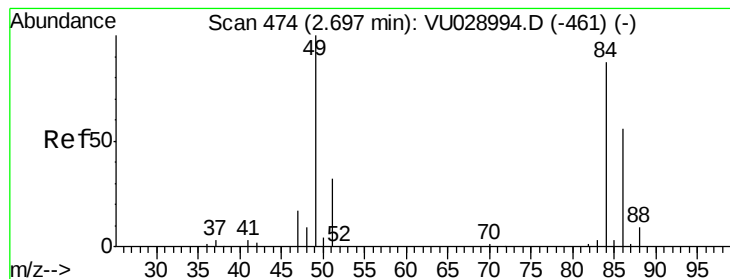
1000

0

2.30 2.35

Time-->





#20

Methylene Chloride

Concen: 158.776 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029203.D

Acq: 16 Jan 2019 12:41

Instrument :
MSVOA_U
ClientSampleId :
TP-5

Tot Ion: 84 Resp: 226516

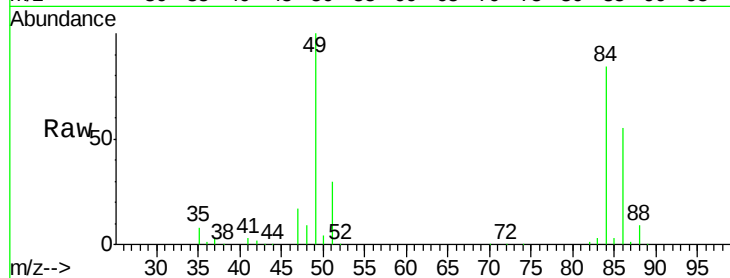
Ion Ratio Lower Upper

84 100

49 118.4 91.9 137.9

51 36.0 29.2 43.8

86 65.6 51.8 77.6

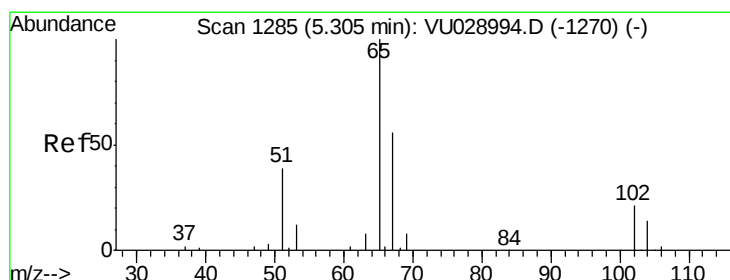
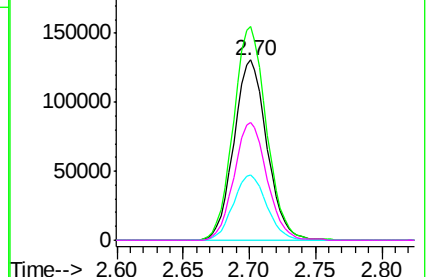
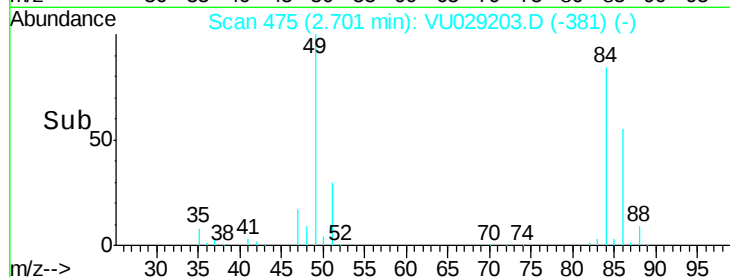


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 56.464 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU029203.D

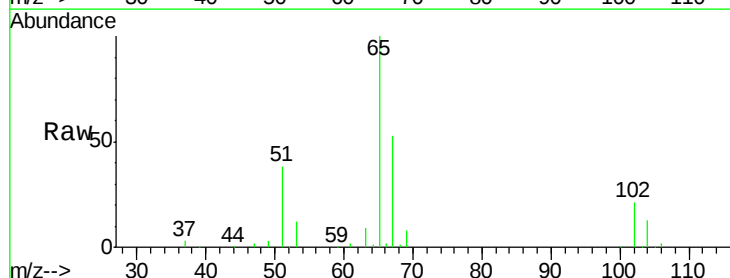
Acq: 16 Jan 2019 12:41

Tgt Ion: 65 Resp: 75314

Ion Ratio Lower Upper

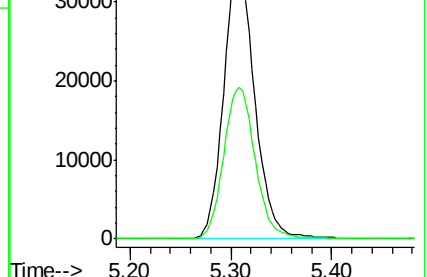
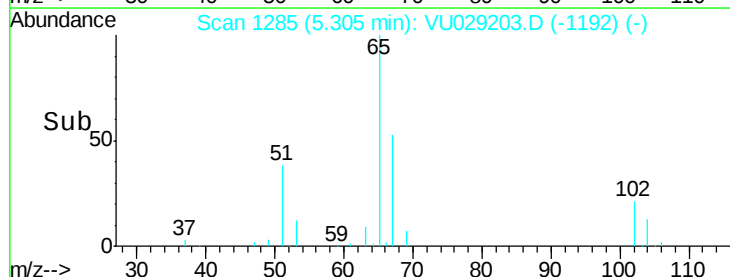
65 100

67 55.4 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: VU029203.D

Acq: 16 Jan 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

TP-5

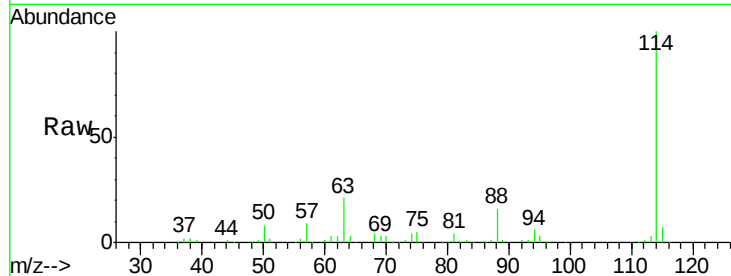
Tot Ion:114 Resp: 189293

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.2

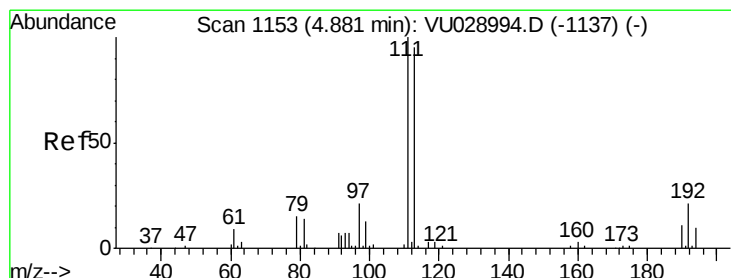
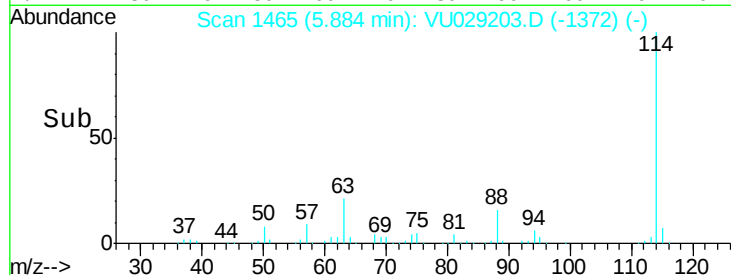
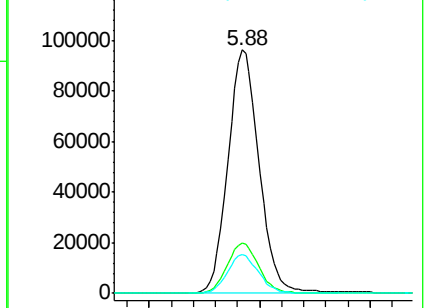
88 15.9 0.0 30.4



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: 52.809 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029203.D

Acq: 16 Jan 2019 12:41

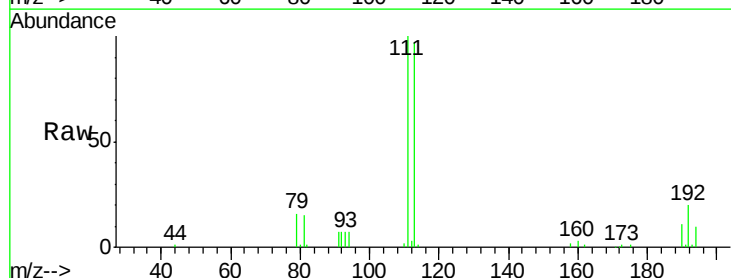
Tgt Ion:113 Resp: 64799

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.2

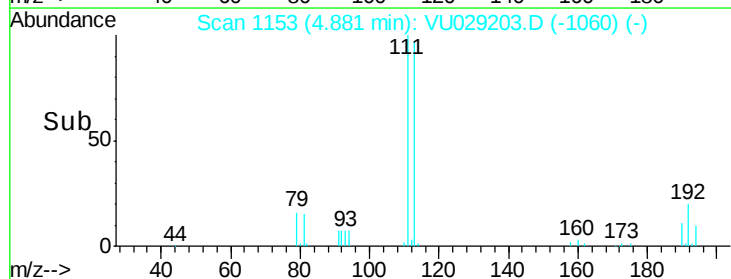
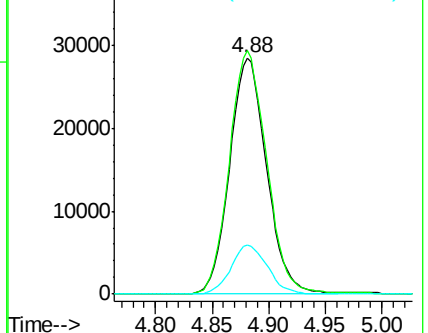
192 20.5 16.8 25.2

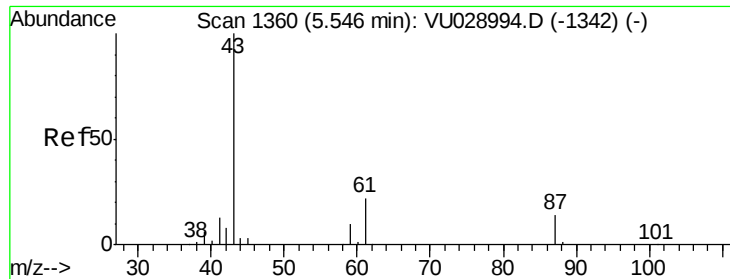


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.359 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029203.D

Acq: 16 Jan 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

TP-5

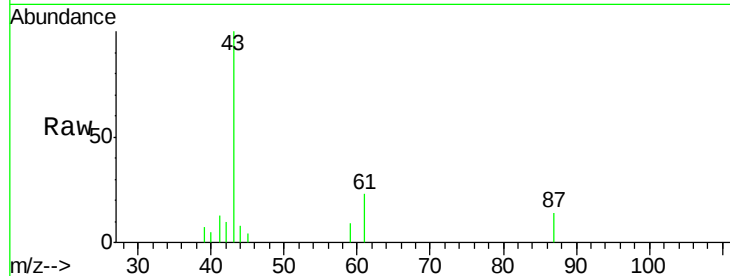
Tot Ion: 43 Resp: 7517

Ion Ratio Lower Upper

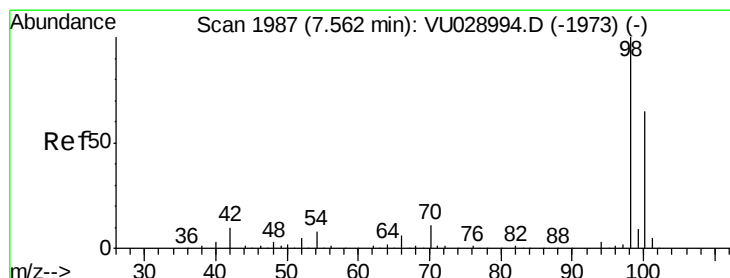
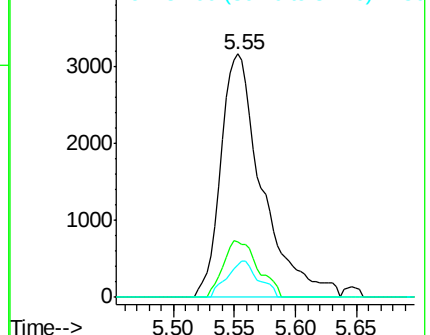
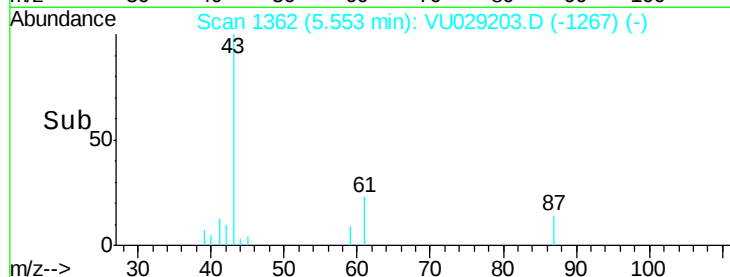
43 100

61 19.6 17.8 26.6

87 11.3 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU029203.D (-1267) (-)



#50

Toluene-d8

Concen: 50.885 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029203.D

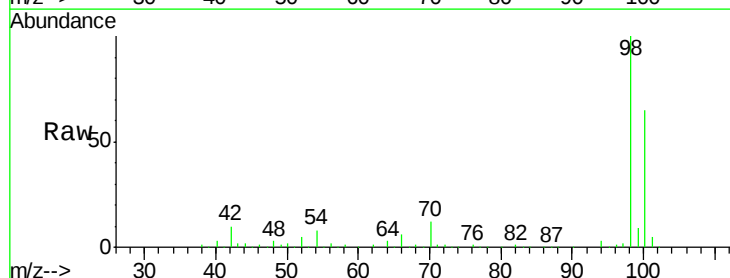
Acq: 16 Jan 2019 12:41

Tgt Ion: 98 Resp: 246498

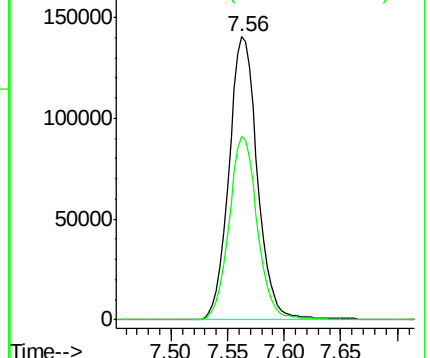
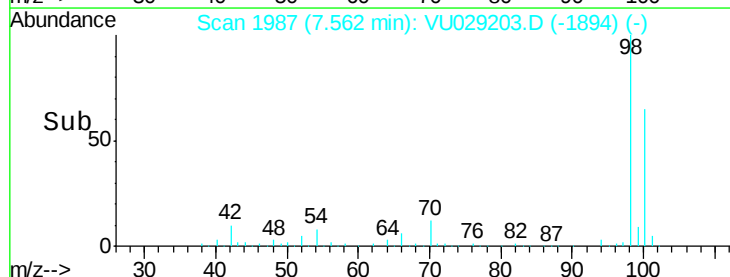
Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU029203.D (-1894) (-)





#62

4-Bromofluorobenzene

Concen: 44.839 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029203.D

Acq: 16 Jan 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

TP-5

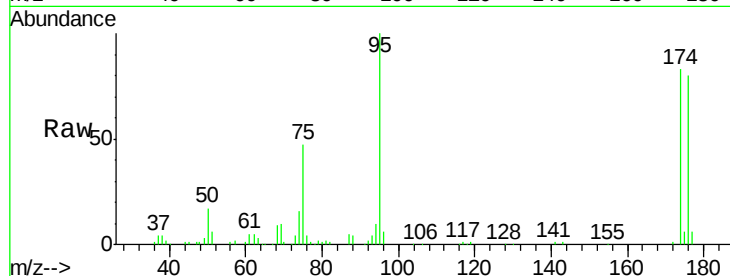
Tot Ion: 95 Resp: 78062

Ion Ratio Lower Upper

95 100

174 84.5 0.0 170.6

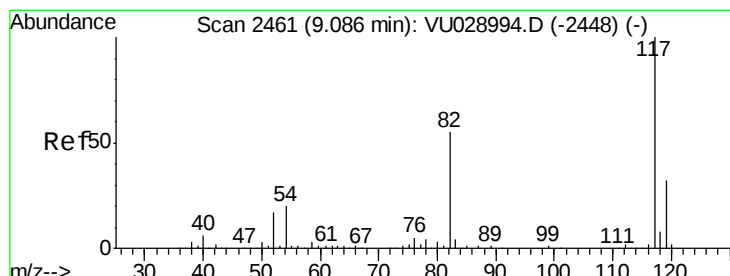
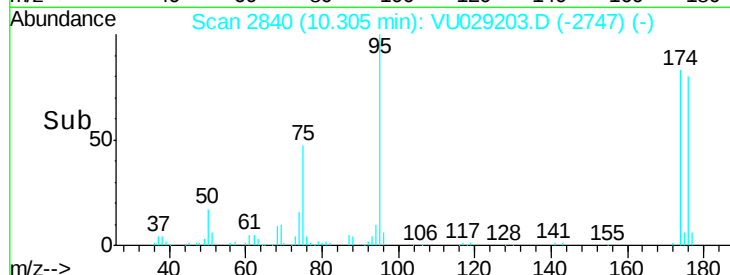
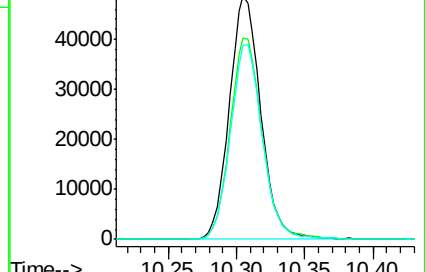
176 81.3 0.0 165.0



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: VU029203.D

Acq: 16 Jan 2019 12:41

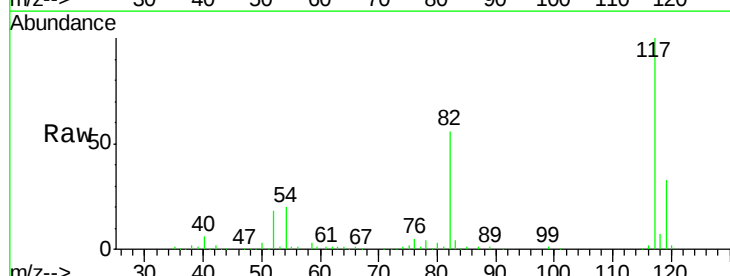
Tgt Ion: 117 Resp: 180777

Ion Ratio Lower Upper

117 100

82 55.9 43.9 65.9

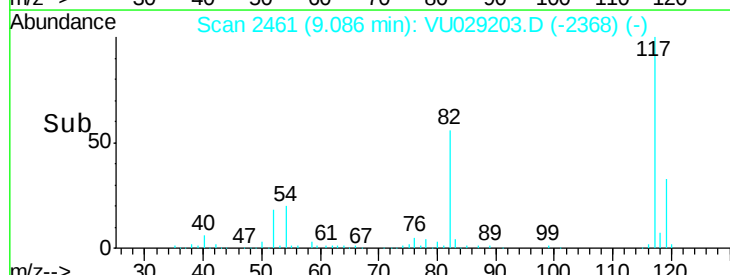
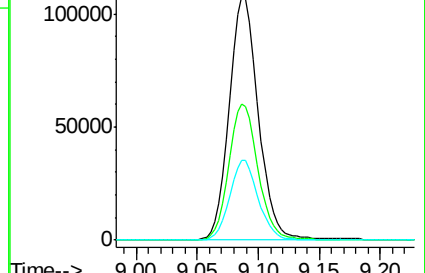
119 32.8 26.0 39.0

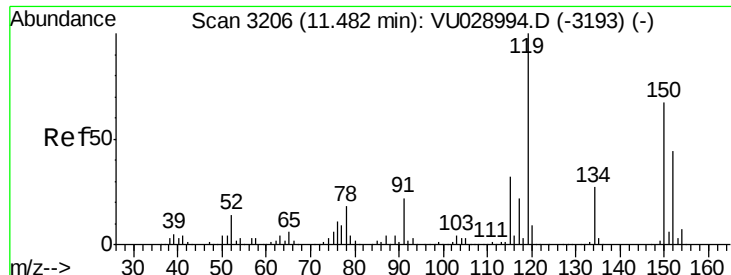


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

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: VU029203.D

Acq: 16 Jan 2019 12:41

Instrument :

MSVOA_U

ClientSampleId :

TP-5

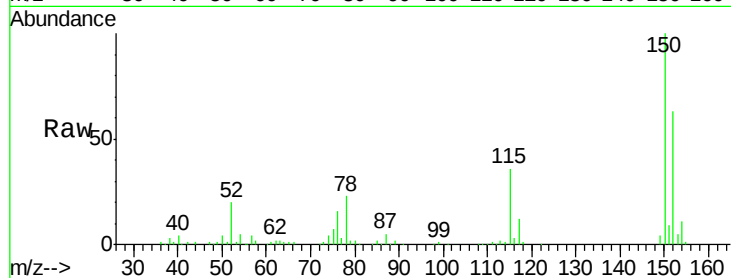
Tot Ion:152 Resp: 71780

Ion Ratio Lower Upper

152 100

115 57.4 40.1 120.3

150 157.7 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

