

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091019\
 Data File : VU034438.D
 Acq On : 10 Sep 2019 10:10
 Operator : JC/SP
 Sample : PB112932TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB112932TB

Quant Time: Sep 11 06:24:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

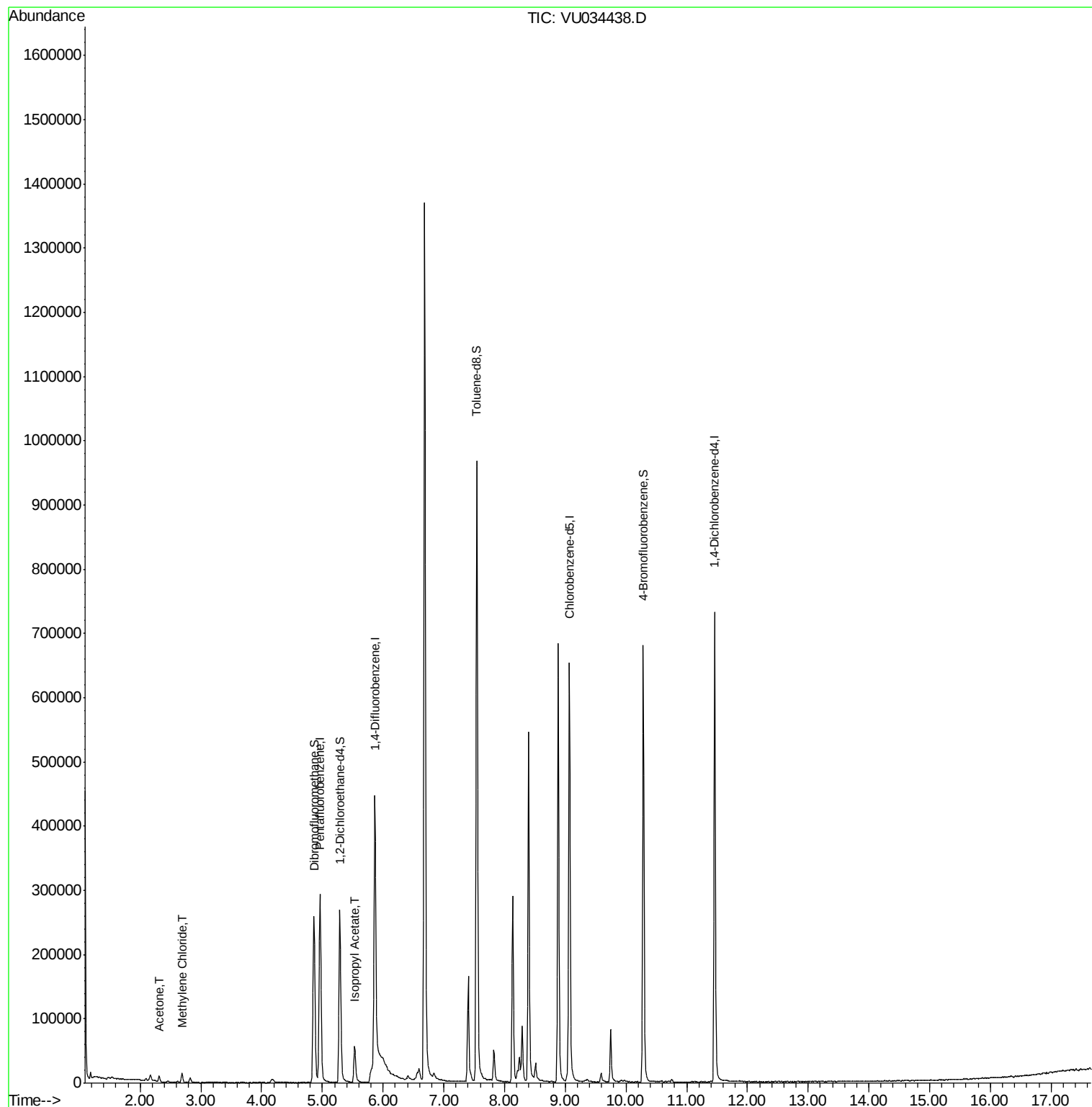
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	240408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	372744	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	386605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	208637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	214412	58.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.90%	
35) Dibromofluoromethane	4.86	113	187241	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
50) Toluene-d8	7.54	98	680266	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	10.29	95	232234	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
Target Compounds						
16) Acetone	2.31	43	10635	5.650	ug/l	96
20) Methylene Chloride	2.69	84	6589	1.751	ug/l	93
43) Isopropyl Acetate	5.53	43	66610	8.934	ug/l	99

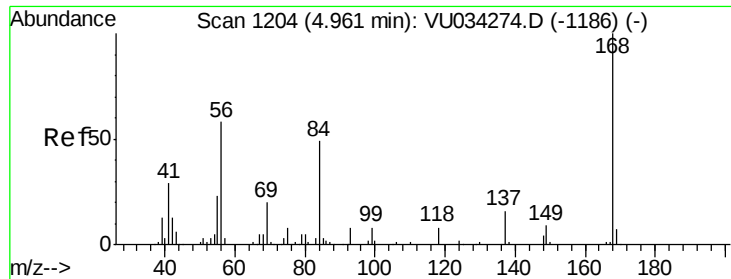
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034438.D

Acq: 10 Sep 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

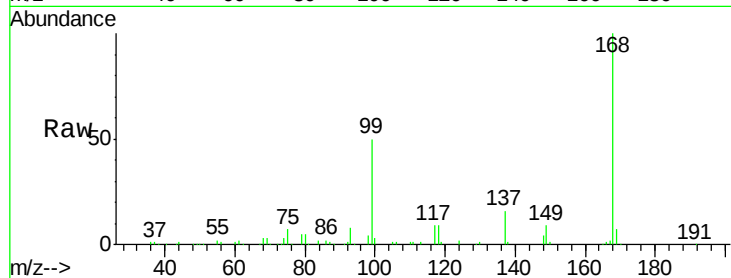
PB112932TB

Tot Ion:168 Resp: 240408

Ion Ratio Lower Upper

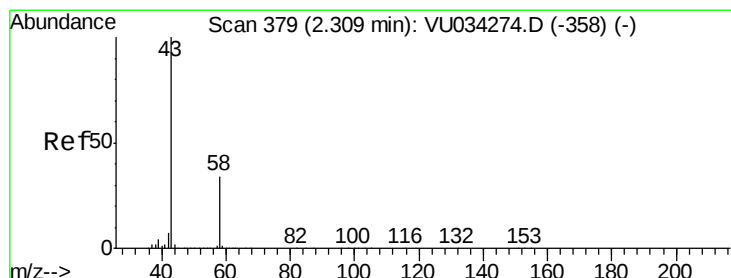
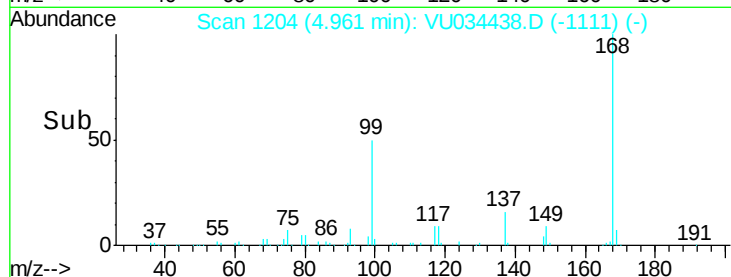
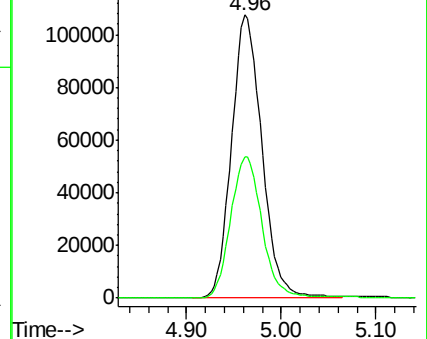
168 100

99 49.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034438.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034438.D (-1111) (-)



#16

Acetone

Concen: 5.650 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034438.D

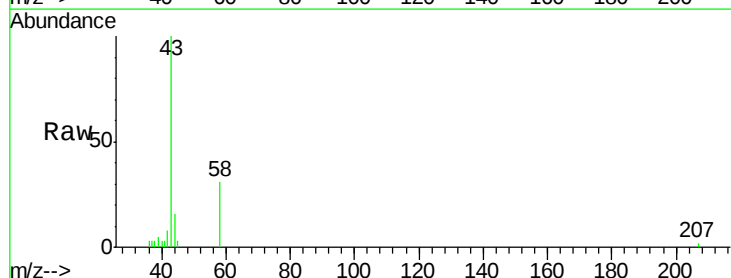
Acq: 10 Sep 2019 10:10

Tgt Ion: 43 Resp: 10635

Ion Ratio Lower Upper

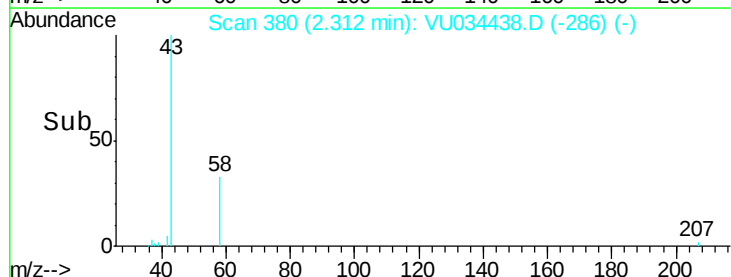
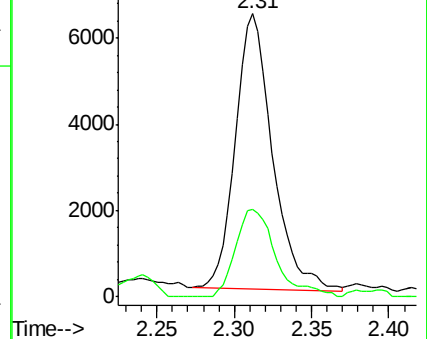
43 100

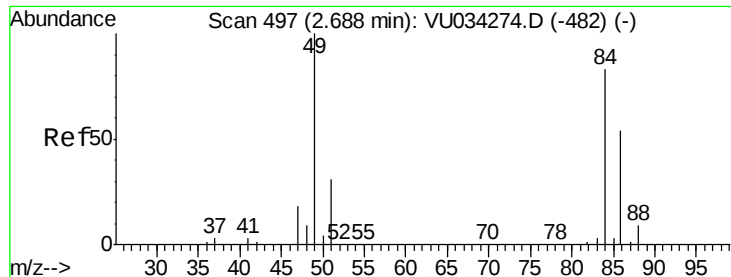
58 32.1 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034438.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034438.D (-286) (-)

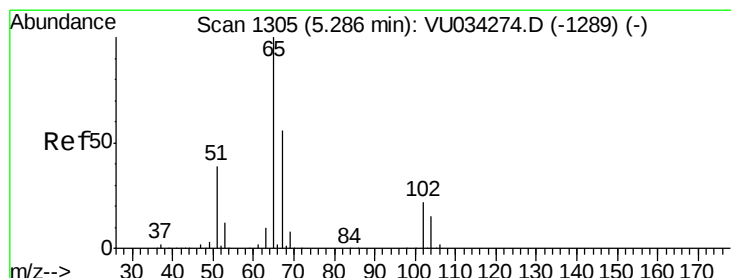
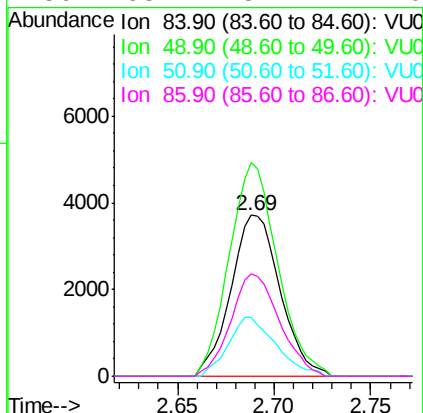
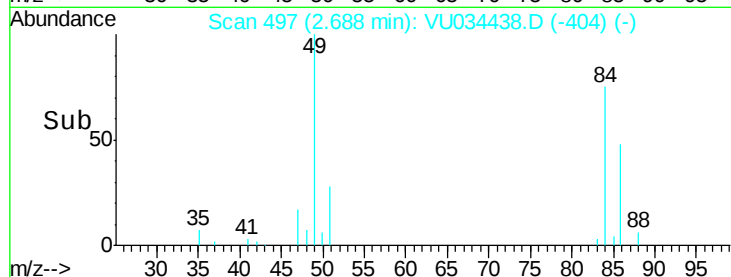
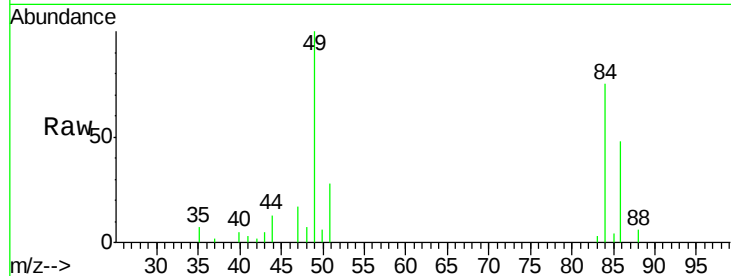




#20
Methylene Chloride
Concen: 1.751 ug/l
RT: 2.69 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU034438.D
Acq: 10 Sep 2019 10:10

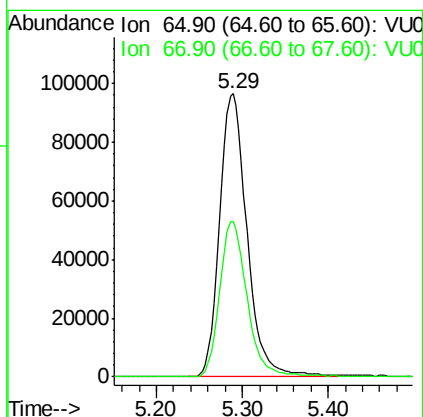
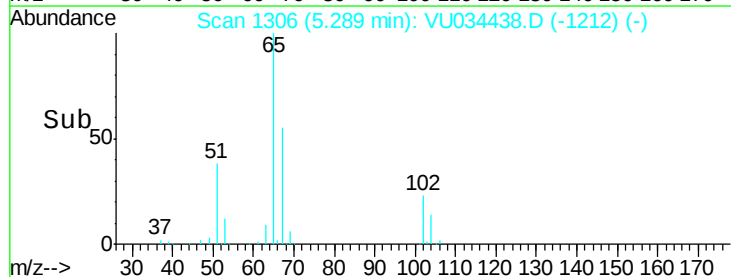
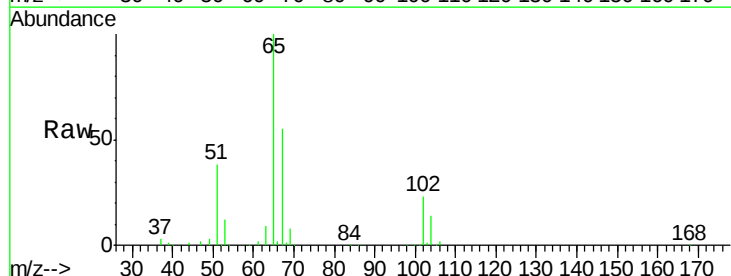
Instrument :
MSVOA_U
ClientSampleId :
PB112932TB

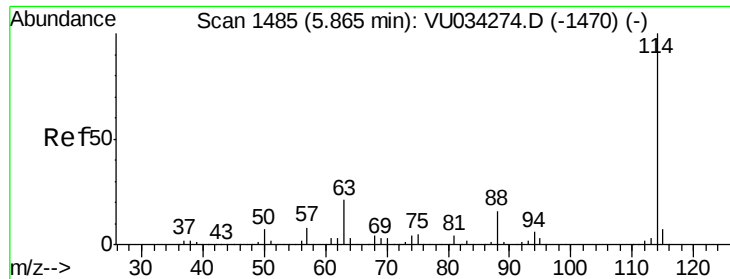
Tot Ion: 84 Resp: 6589
Ion Ratio Lower Upper
84 100
49 132.7 96.0 144.0
51 36.9 30.0 45.0
86 63.7 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 58.946 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034438.D
Acq: 10 Sep 2019 10:10

Tgt Ion: 65 Resp: 214412
Ion Ratio Lower Upper
65 100
67 54.4 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034438.D

Acq: 10 Sep 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

PB112932TB

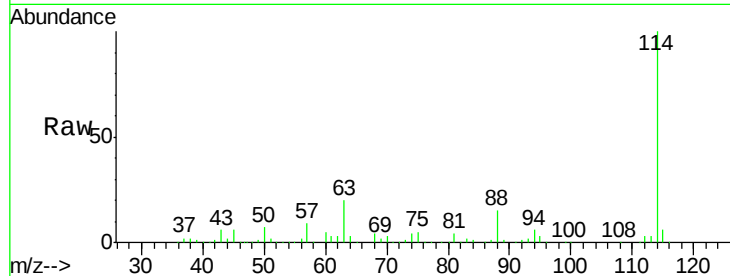
Tot Ion:114 Resp: 372744

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

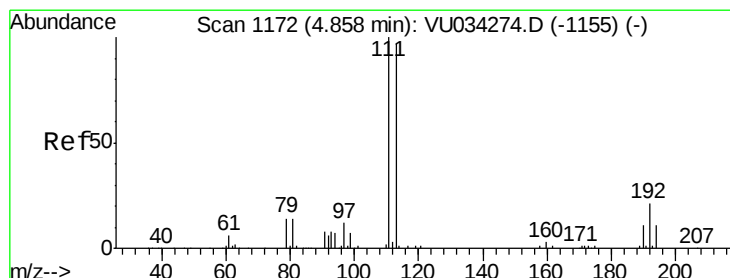
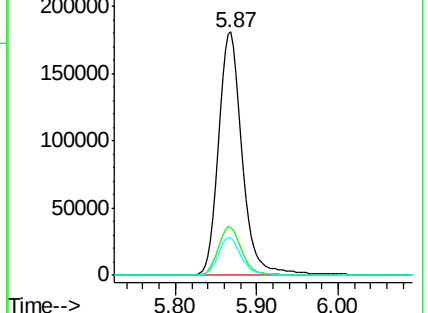
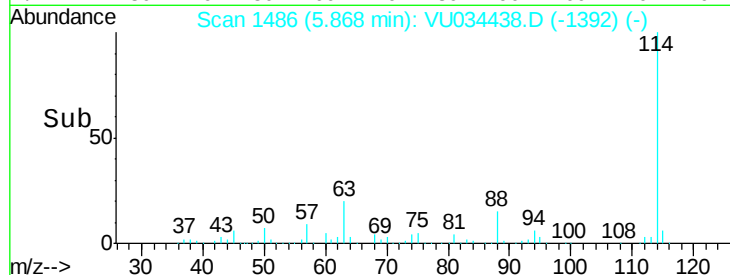
88 15.3 0.0 32.4



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: 53.985 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034438.D

Acq: 10 Sep 2019 10:10

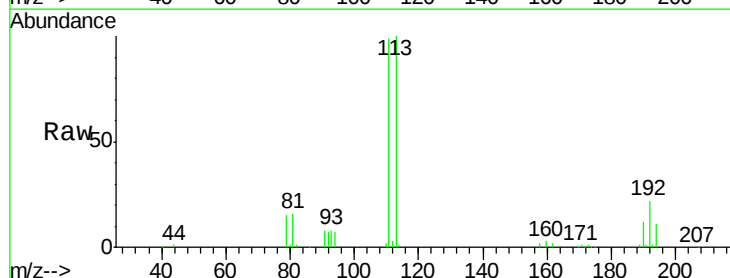
Tgt Ion:113 Resp: 187241

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

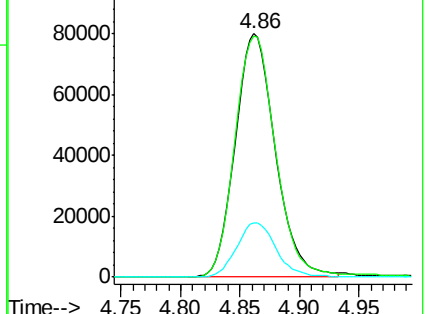
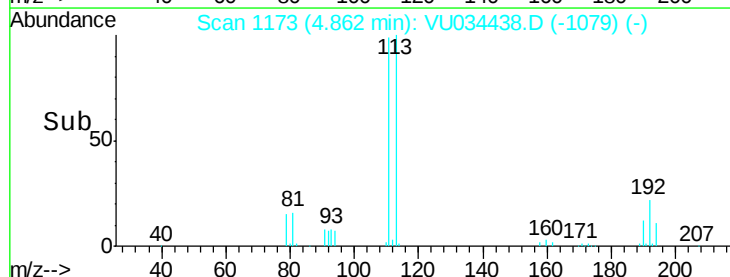
192 22.1 17.8 26.8

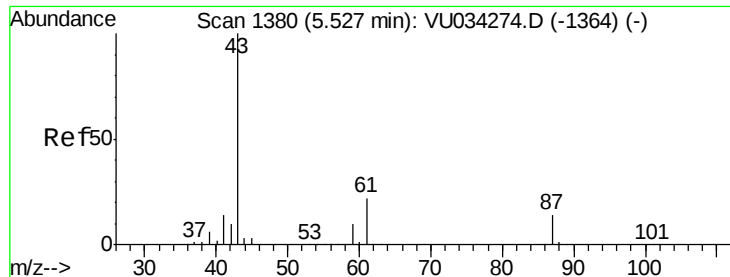


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.934 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034438.D

Acq: 10 Sep 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

PB112932TB

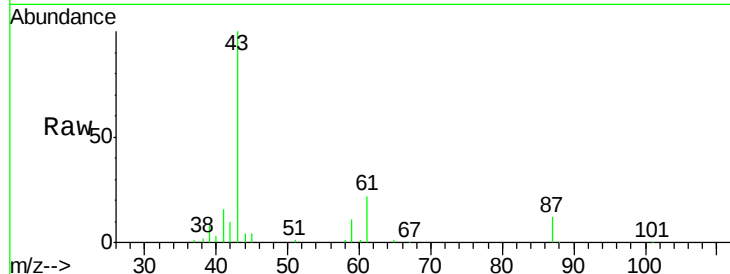
Tot Ion: 43 Resp: 66610

Ion Ratio Lower Upper

43 100

61 20.9 17.1 25.7

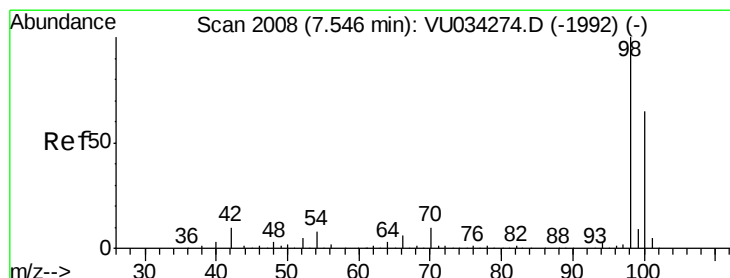
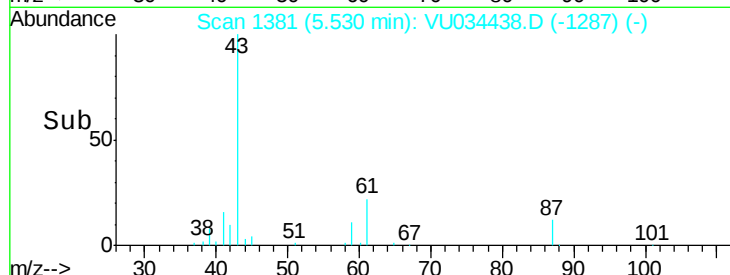
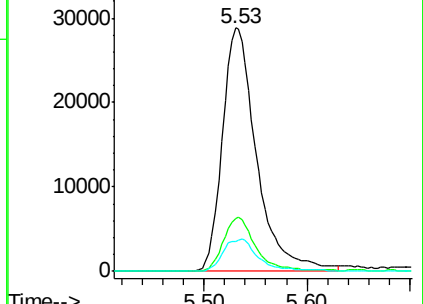
87 13.2 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034438.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034438.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034438.D (-1287) (-)



#50

Toluene-d8

Concen: 52.204 ug/l

RT: 7.54 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VU034438.D

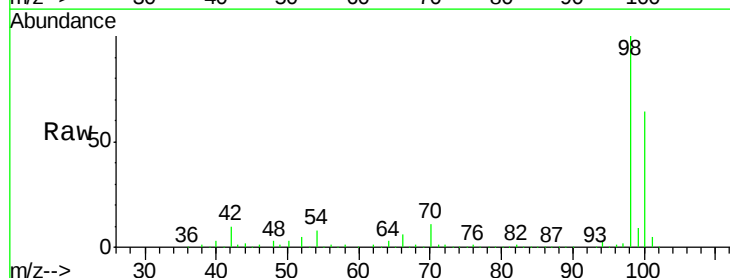
Acq: 10 Sep 2019 10:10

Tgt Ion: 98 Resp: 680266

Ion Ratio Lower Upper

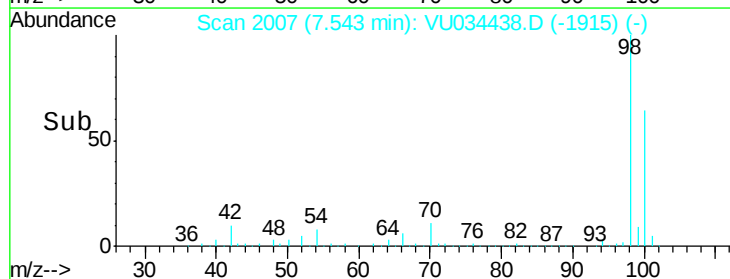
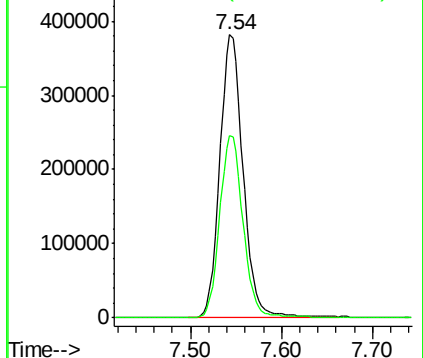
98 100

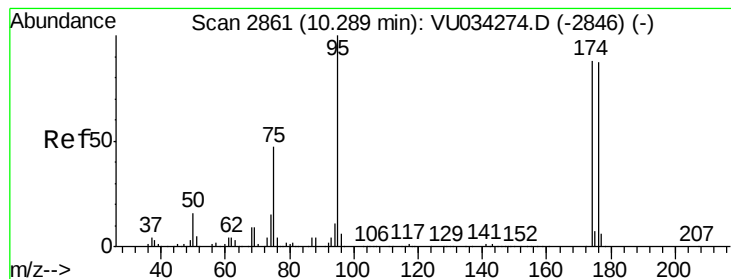
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034438.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034438.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 46.159 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034438.D

Acq: 10 Sep 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

PB112932TB

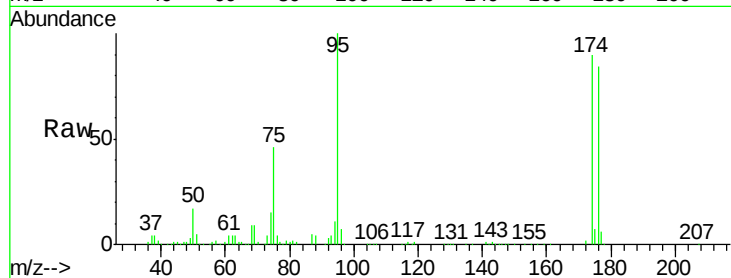
Tot Ion: 95 Resp: 232234

Ion Ratio Lower Upper

95 100

174 90.3 0.0 175.2

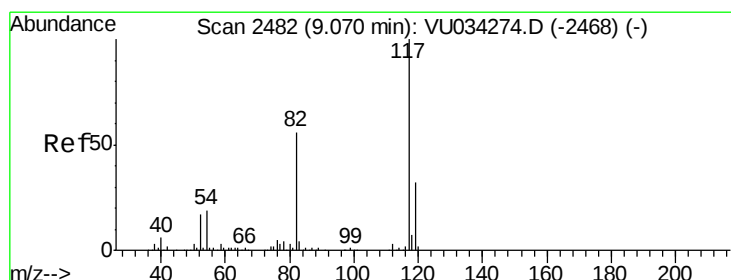
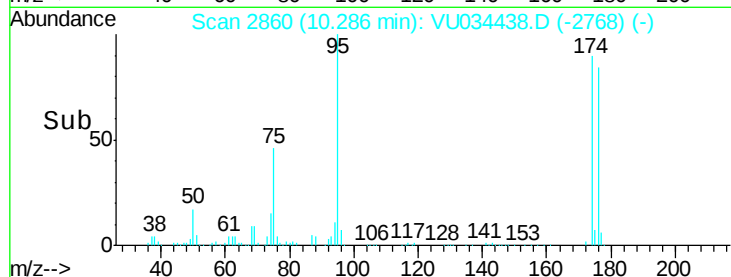
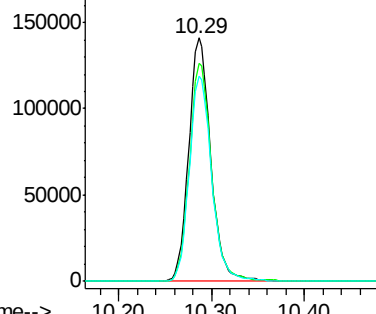
176 85.6 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034438.D (-2768) (-)

Ion 173.80 (173.50 to 174.50): VU034438.D (-2768) (-)

Ion 175.80 (175.50 to 176.50): VU034438.D (-2768) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2481

Delta R.T. -0.00 min

Lab File: VU034438.D

Acq: 10 Sep 2019 10:10

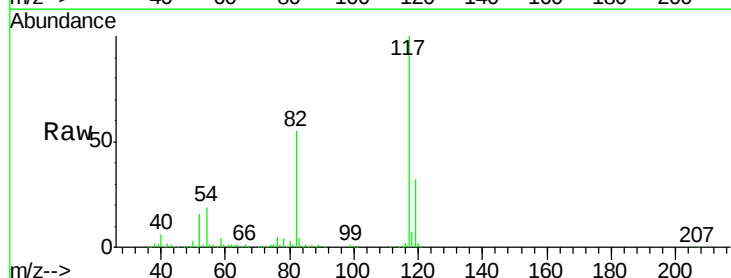
Tgt Ion: 117 Resp: 386605

Ion Ratio Lower Upper

117 100

82 55.1 44.6 67.0

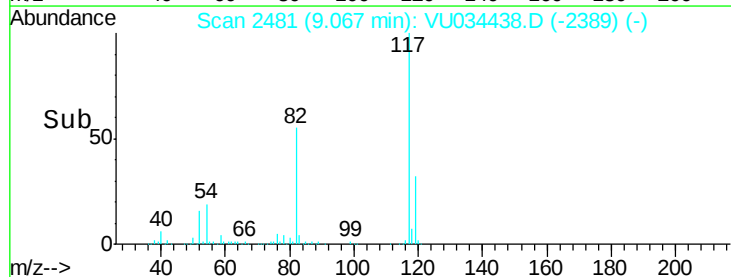
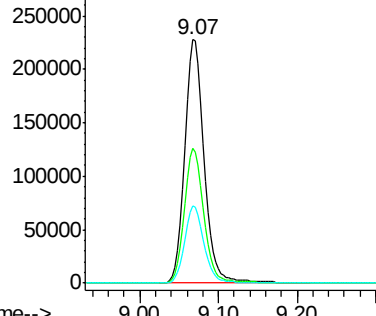
119 31.8 25.9 38.9

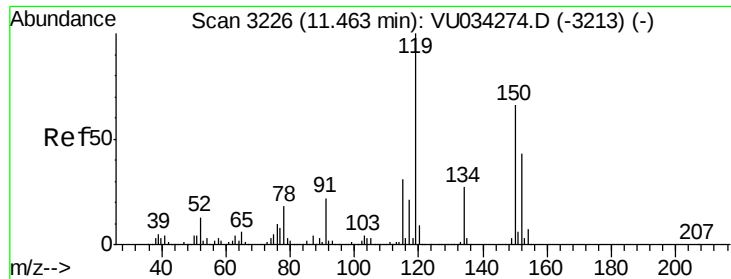


Abundance Ion 116.90 (116.60 to 117.60): VU034438.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034438.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034438.D (-2389) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034438.D

Acq: 10 Sep 2019 10:10

Instrument :

MSVOA_U

ClientSampleId :

PB112932TB

Tot Ion:152 Resp: 208637

Ion Ratio Lower Upper

152 100

115 56.7 39.1 117.3

150 159.0 0.0 345.4

