

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034338.D
 Acq On : 06 Sep 2019 18:07
 Operator : JC/SP
 Sample : K4668-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SU-04-090319

Quant Time: Sep 06 18:57:18 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

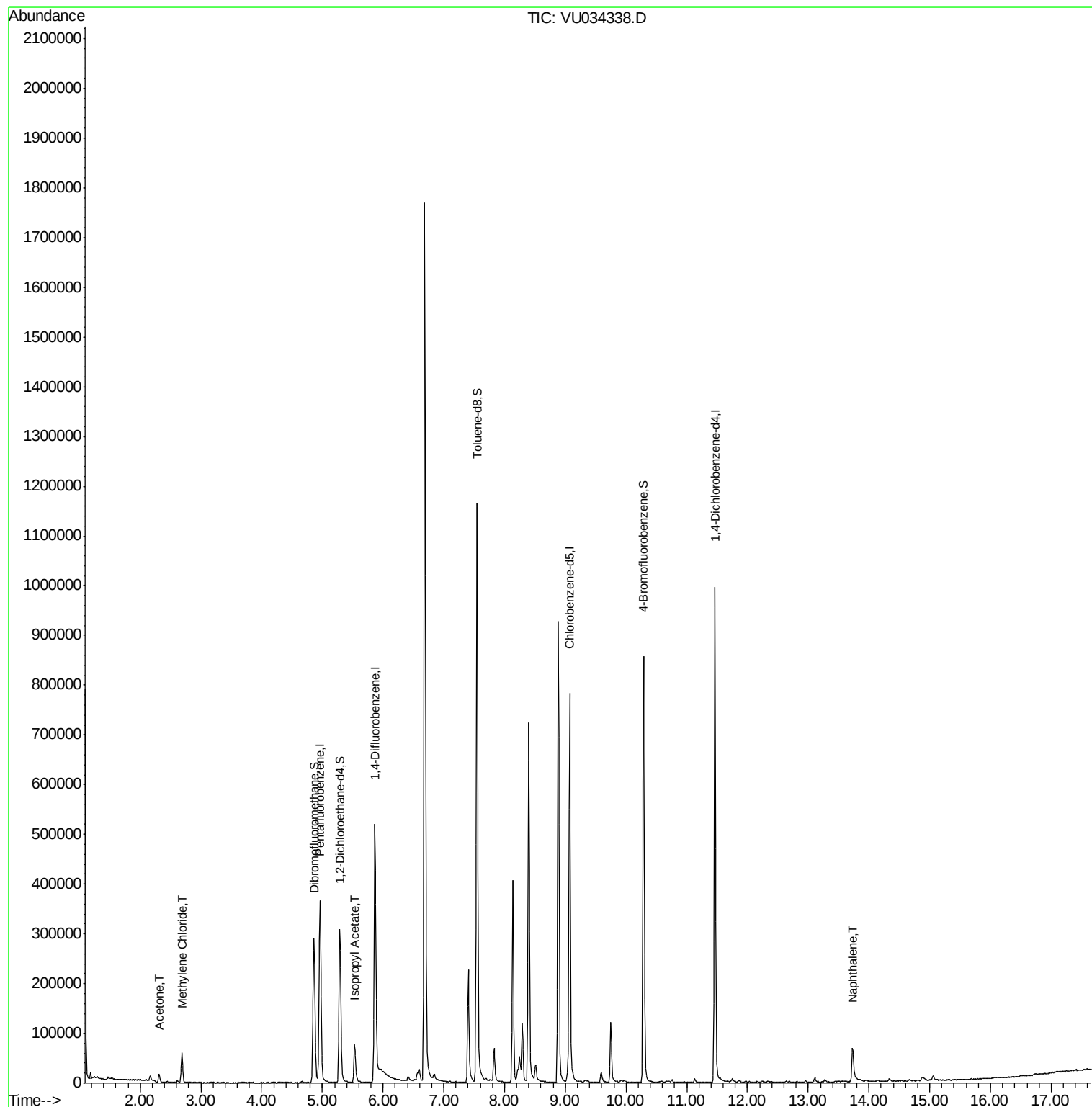
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	306444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	469083	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	468727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	283834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	240695	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
35) Dibromofluoromethane	4.86	113	212527	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	7.55	98	813720	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	10.29	95	295070	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
Target Compounds						
16) Acetone	2.31	43	17022	7.094	ug/l	100
20) Methylene Chloride	2.69	84	27428	6.632	ug/l	94
43) Isopropyl Acetate	5.53	43	93344	9.948	ug/l	99
95) Naphthalene	13.73	128	83933	8.051	ug/l	97

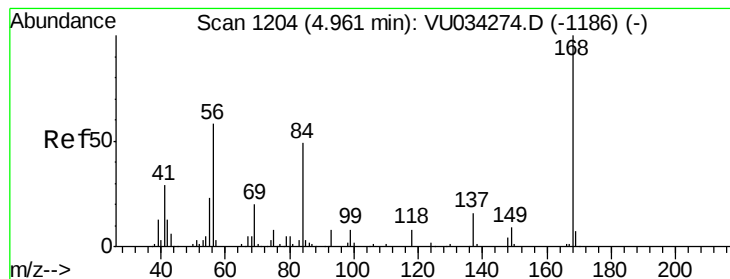
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034338.D

Acq: 06 Sep 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

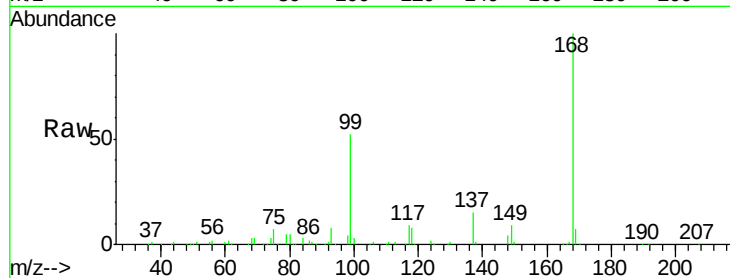
SU-04-090319

Tot Ion:168 Resp: 306444

Ion Ratio Lower Upper

168 100

99 52.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034338.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034338.D (-1111) (-)

4.96

150000

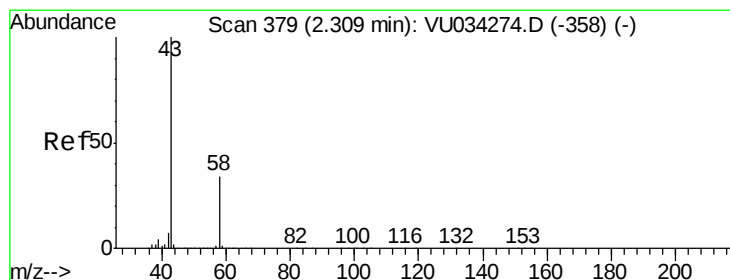
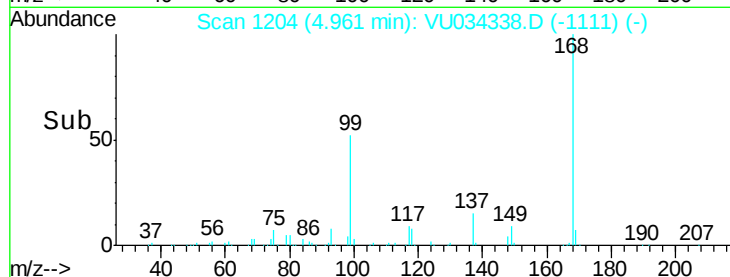
100000

50000

0

4.90 5.00

Time-->



#16

Acetone

Concen: 7.094 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034338.D

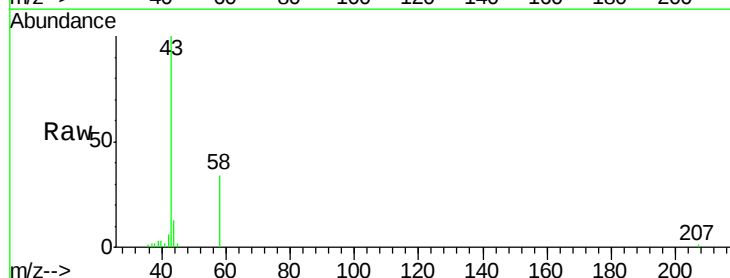
Acq: 06 Sep 2019 18:07

Tgt Ion: 43 Resp: 17022

Ion Ratio Lower Upper

43 100

58 34.8 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034338.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034338.D (-286) (-)

2.31

12000

10000

8000

6000

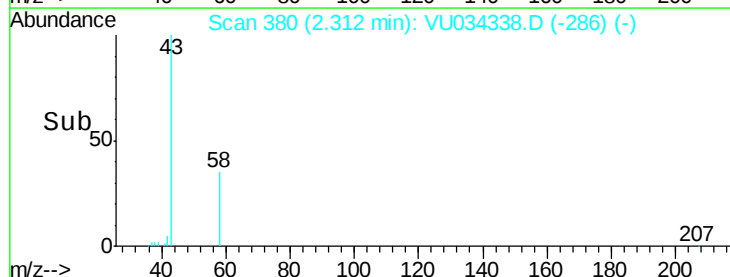
4000

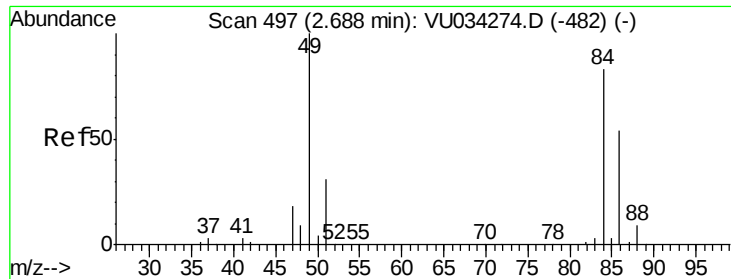
2000

0

2.25 2.30 2.35 2.40

Time-->



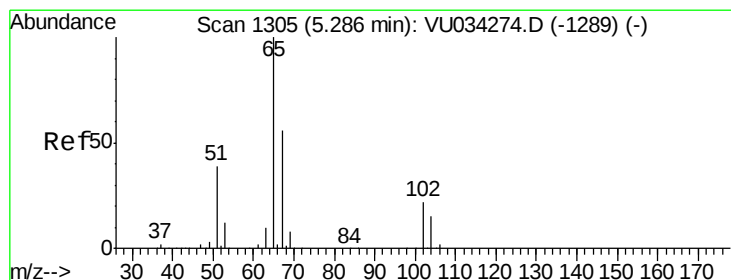
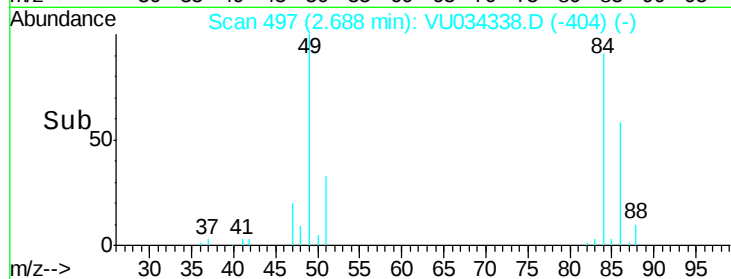
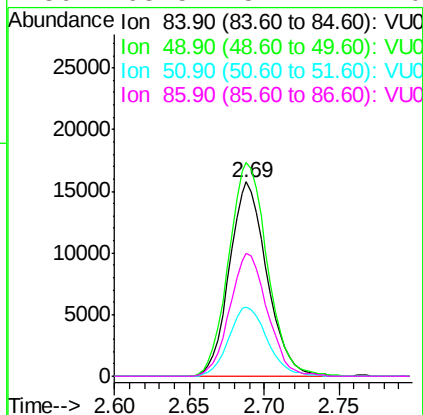
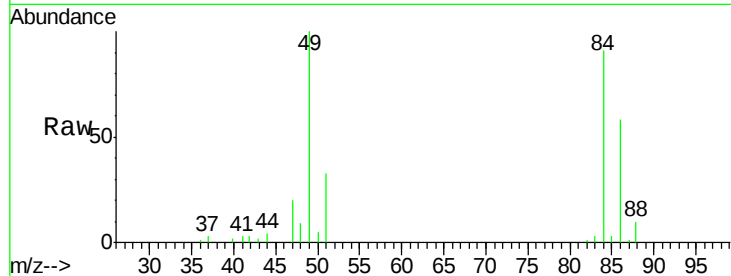


#20
Methvlene Chloride
Concen: 6.632 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Instrument :
MSVOA_U
ClientSampleId :
SU-04-090319

Tot Ion: 84 Resp: 27428

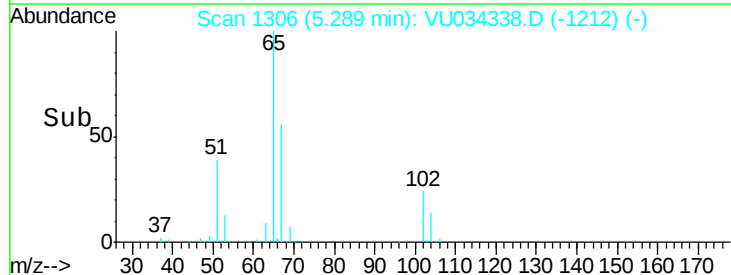
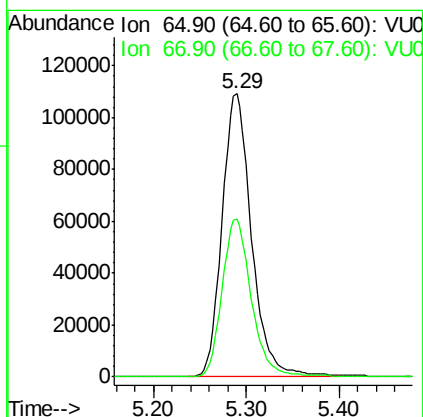
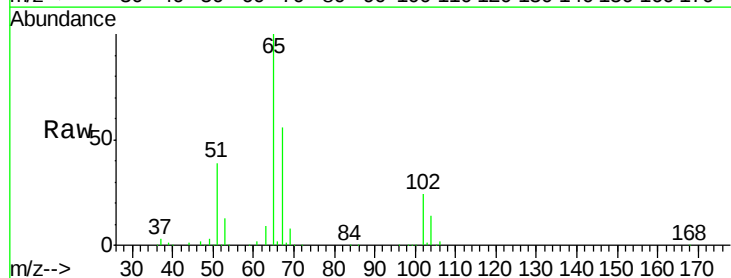
Ion	Ratio	Lower	Upper
84	100		
49	110.1	96.0	144.0
51	35.8	30.0	45.0
86	63.5	51.4	77.0

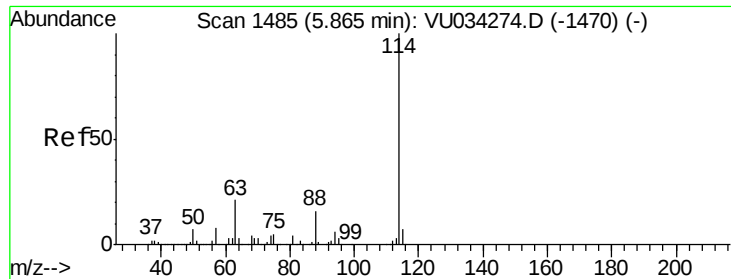


#33
1,2-Dichloroethane-d4
Concen: 51.912 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034338.D
Acq: 06 Sep 2019 18:07

Tgt Ion: 65 Resp: 240695

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	112.4

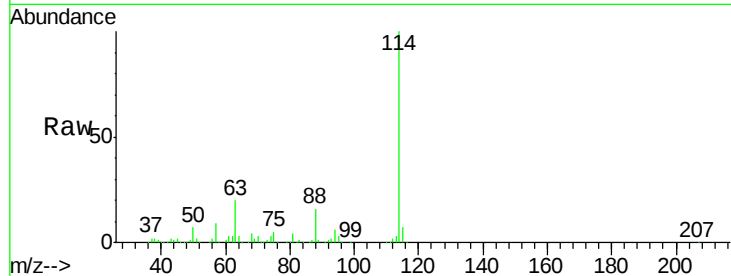




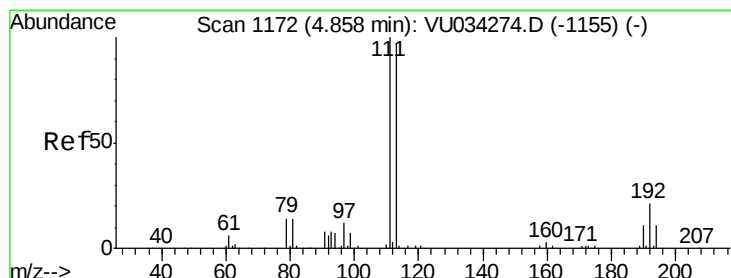
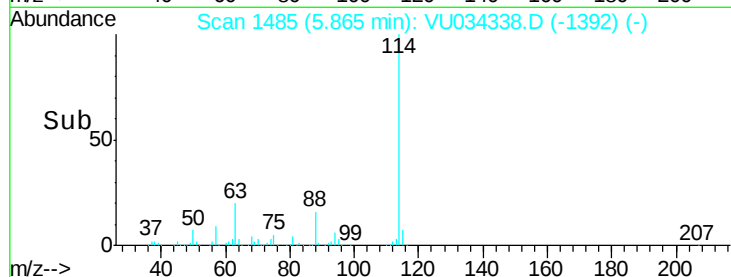
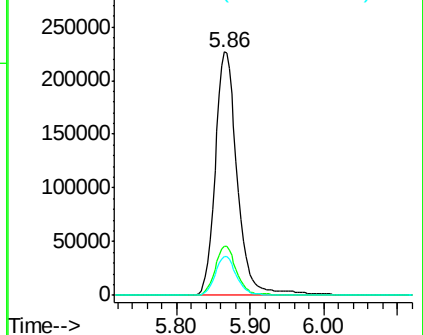
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034338.D
 Acq: 06 Sep 2019 18:07

Instrument :
 MSVOA_U
 ClientSampleId :
 SU-04-090319

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.4
88	16.0	0.0	32.4

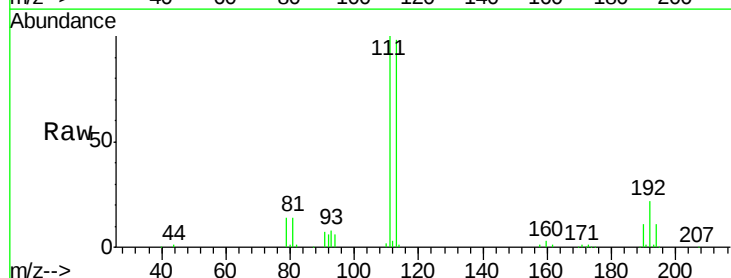


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

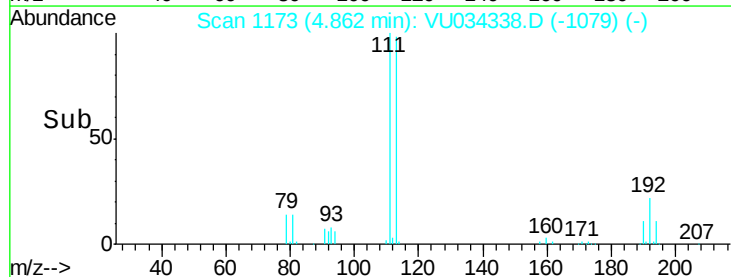
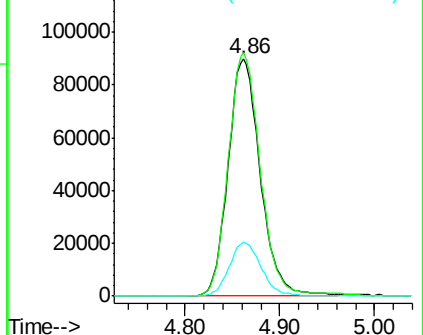


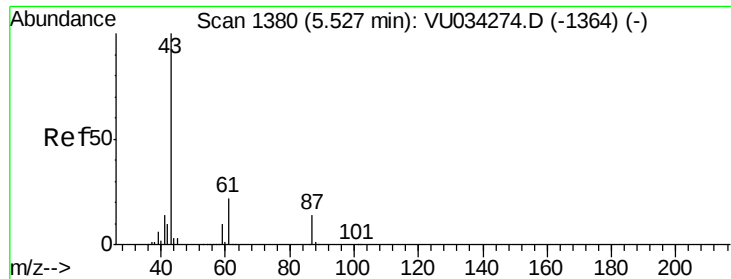
#35
 Dibromofluoromethane
 Concen: 48.691 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034338.D
 Acq: 06 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.5	122.3
192	22.7	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: 9.948 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034338.D

Acq: 06 Sep 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

SU-04-090319

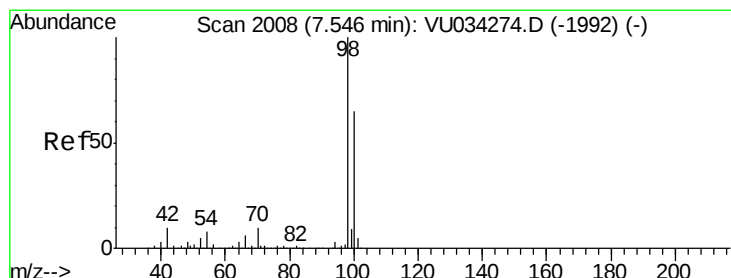
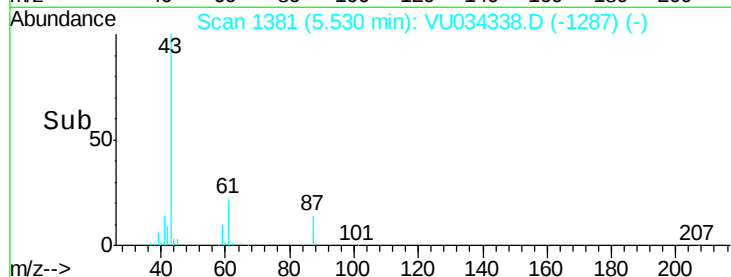
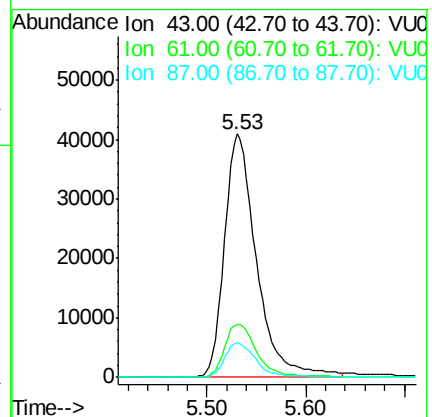
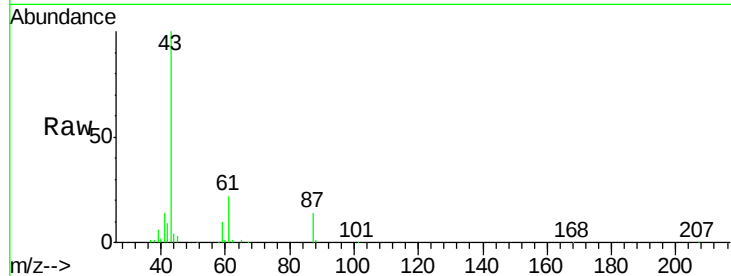
Tot Ion: 43 Resp: 93344

Ion Ratio Lower Upper

43 100

61 21.6 17.1 25.7

87 13.6 11.1 16.7



#50

Toluene-d8

Concen: 49.621 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034338.D

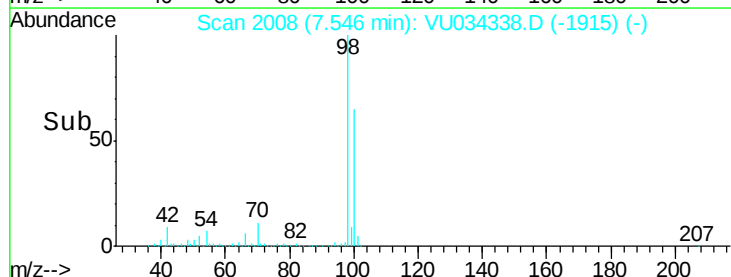
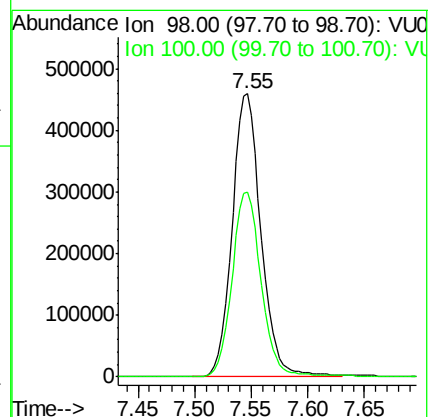
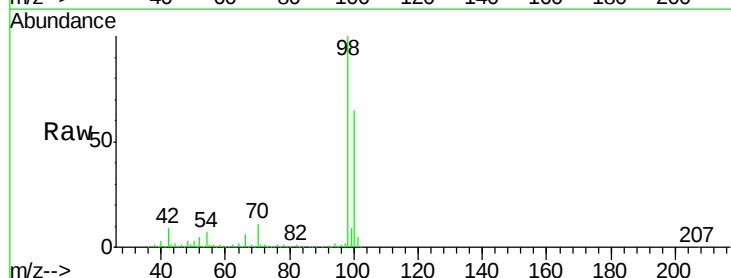
Acq: 06 Sep 2019 18:07

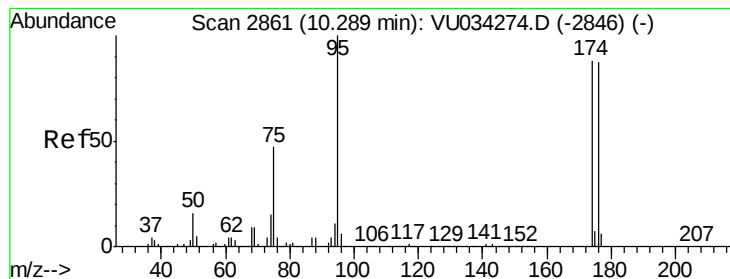
Tgt Ion: 98 Resp: 813720

Ion Ratio Lower Upper

98 100

100 66.7 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 46.604 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034338.D

Acq: 06 Sep 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

SU-04-090319

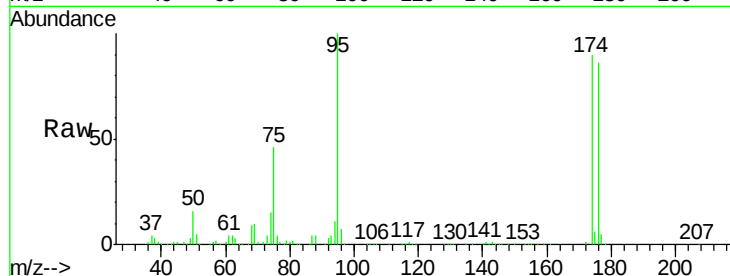
Tot Ion: 95 Resp: 295070

Ion Ratio Lower Upper

95 100

174 89.2 0.0 175.2

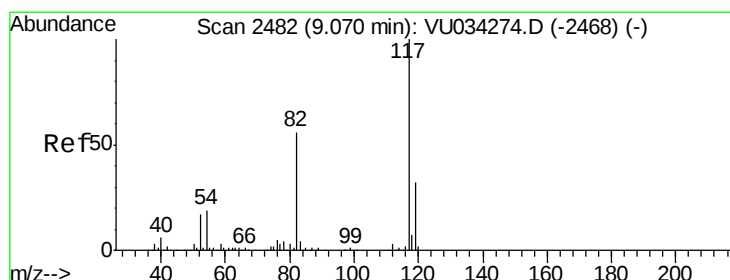
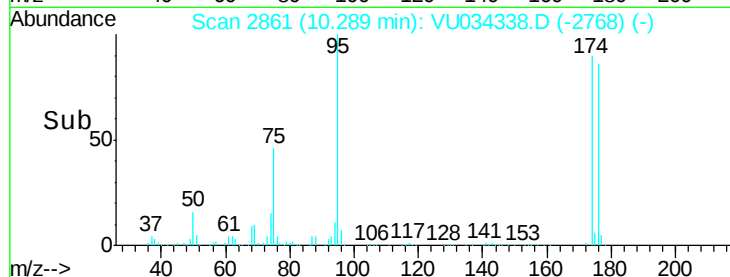
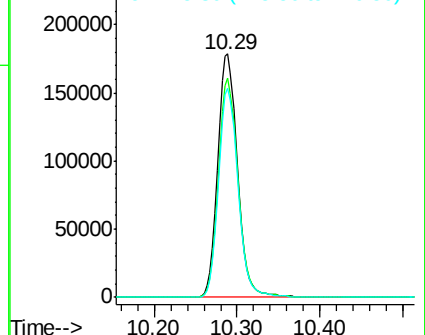
176 84.5 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034338.D

Acq: 06 Sep 2019 18:07

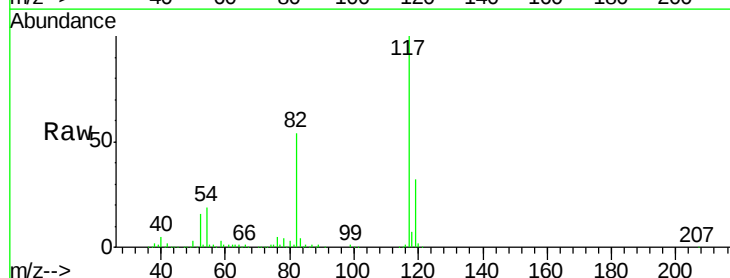
Tgt Ion: 117 Resp: 468727

Ion Ratio Lower Upper

117 100

82 54.3 44.6 67.0

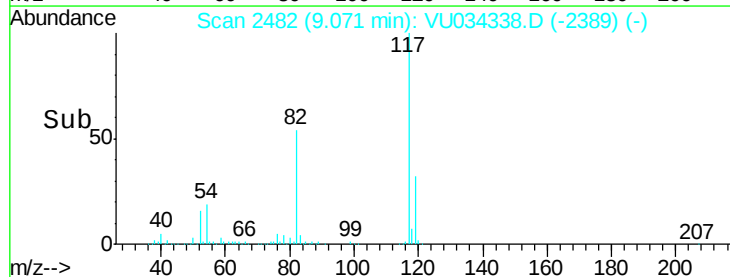
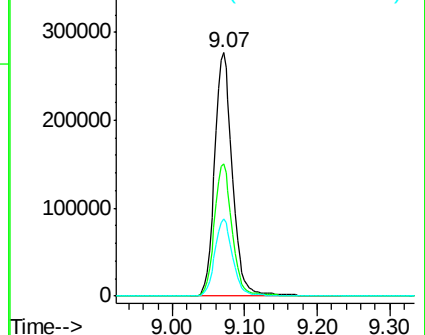
119 31.7 25.9 38.9

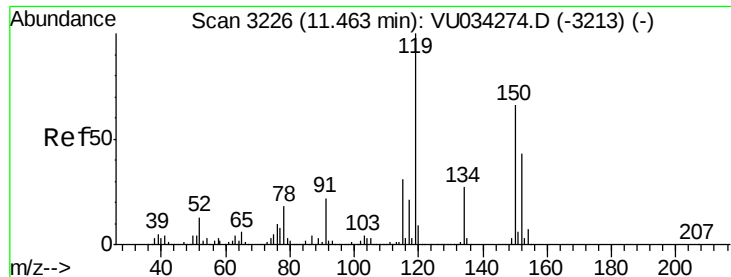


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034338.D

Acq: 06 Sep 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

SU-04-090319

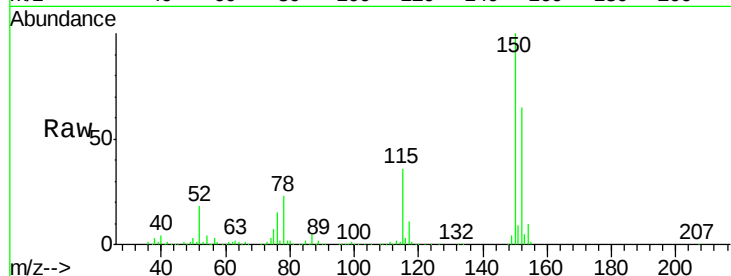
Tot Ion:152 Resp: 283834

Ion Ratio Lower Upper

152 100

115 55.9 39.1 117.3

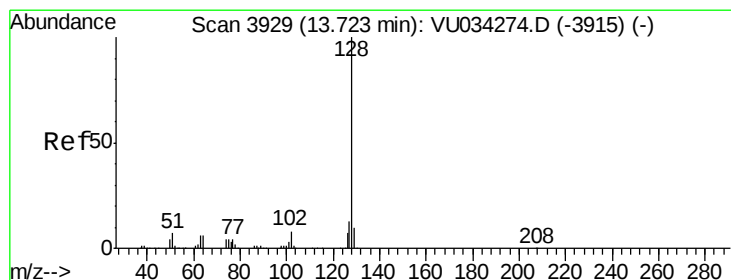
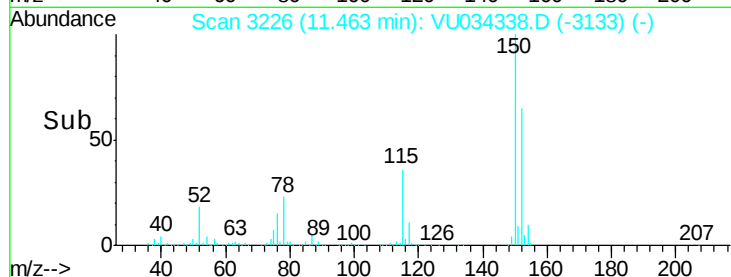
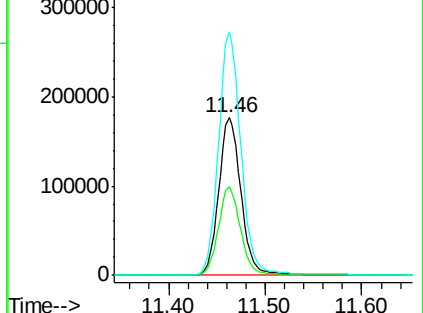
150 154.3 0.0 345.4



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: 8.051 ug/l

RT: 13.73 min Scan# 3931

Delta R.T. 0.01 min

Lab File: VU034338.D

Acq: 06 Sep 2019 18:07

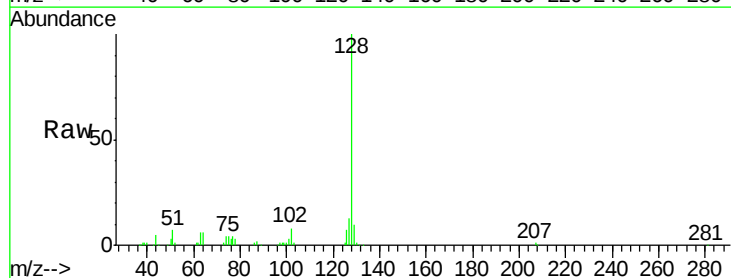
Tgt Ion:128 Resp: 83933

Ion Ratio Lower Upper

128 100

127 12.0 10.6 15.8

129 9.2 8.4 12.6



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

