

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034486.D
 Acq On : 11 Sep 2019 19:52
 Operator : JC/SP
 Sample : K4643-25
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-B4-(0)

Quant Time: Sep 12 05:25:16 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

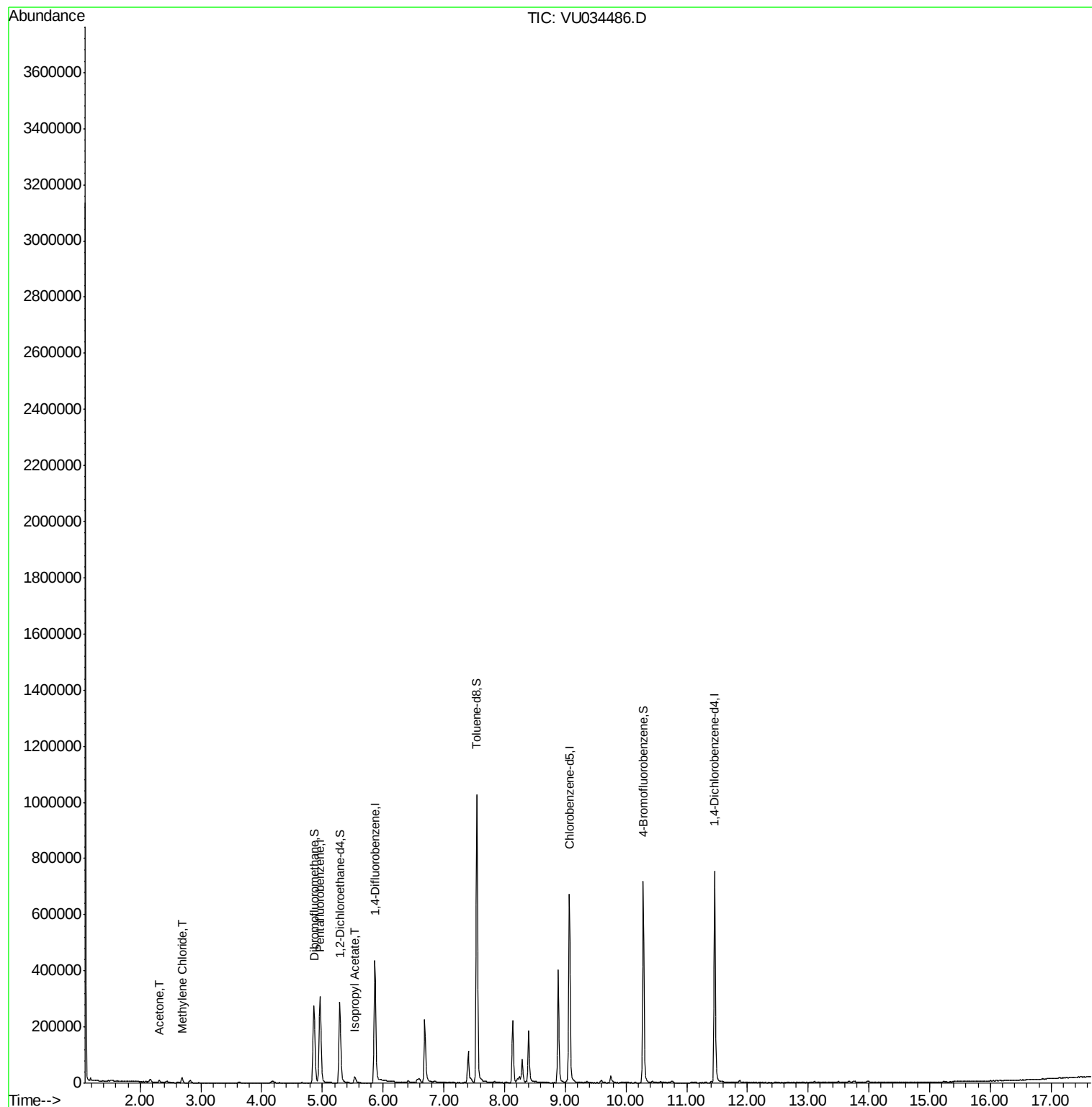
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	251562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	388595	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	404936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	222119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	226349	59.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.94%	
35) Dibromofluoromethane	4.86	113	195533	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
50) Toluene-d8	7.54	98	723733	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	10.29	95	245545	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
Target Compounds						
16) Acetone	2.31	43	10181	5.169	ug/l	98
20) Methylene Chloride	2.69	84	8558	2.271	ug/l	97
43) Isopropyl Acetate	5.54	43	26847	3.454	ug/l	98

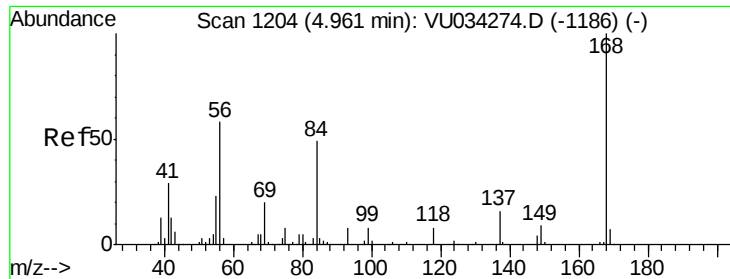
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

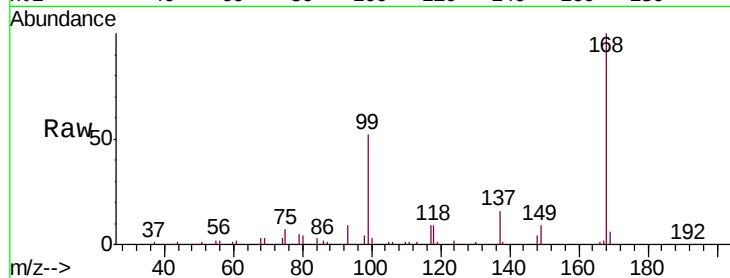
T11-B4-(0)

Tgt Ion:168 Resp: 251562

Ion Ratio Lower Upper

168 100

99 52.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

120000

100000

80000

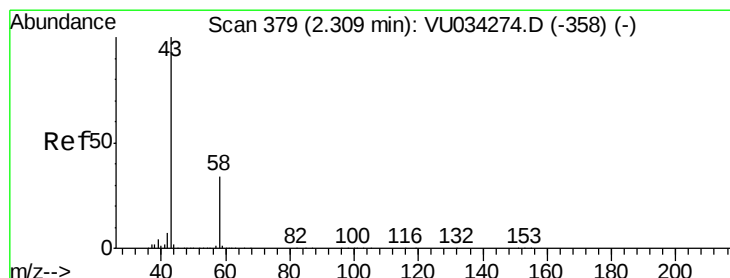
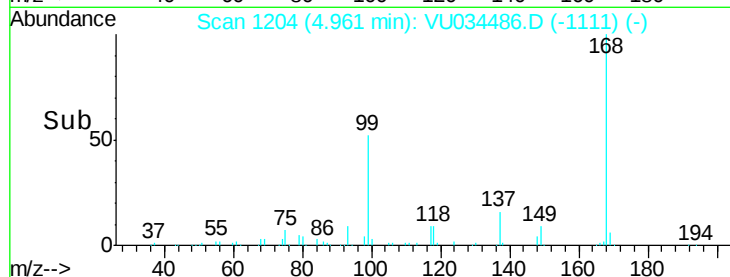
60000

40000

20000

0

Time--> 4.85 4.90 4.95 5.00 5.05



#16

Acetone

Concen: 5.169 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034486.D

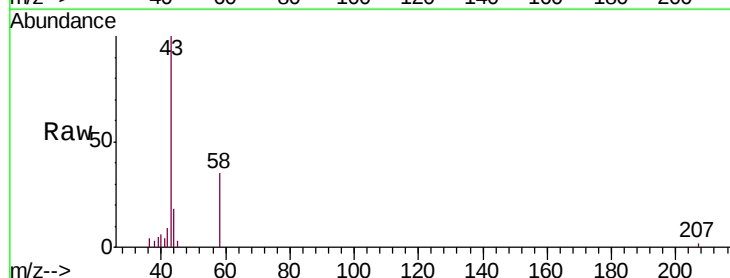
Acq: 11 Sep 2019 19:52

Tgt Ion: 43 Resp: 10181

Ion Ratio Lower Upper

43 100

58 35.7 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

2.31

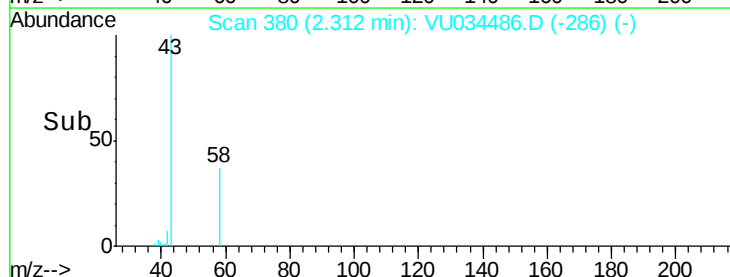
6000

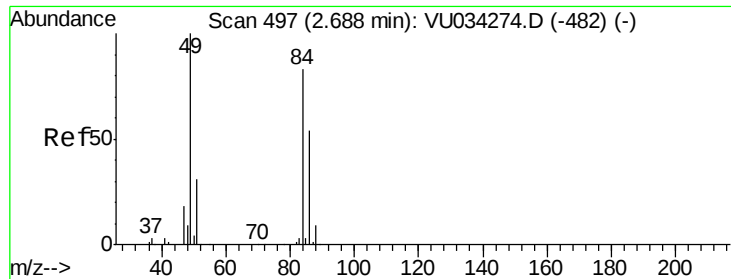
4000

2000

0

Time--> 2.25 2.30 2.35 2.40

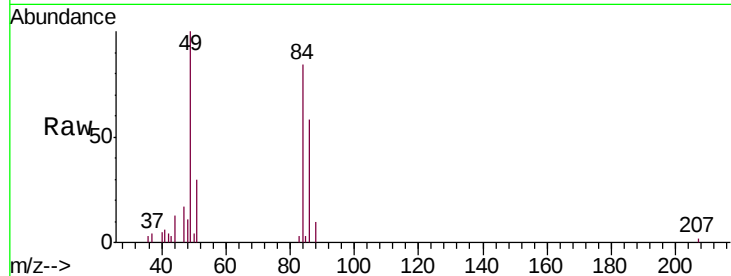




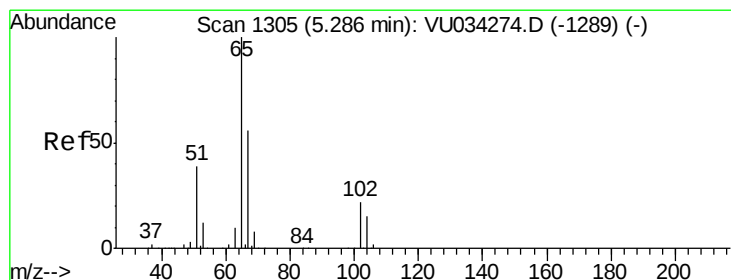
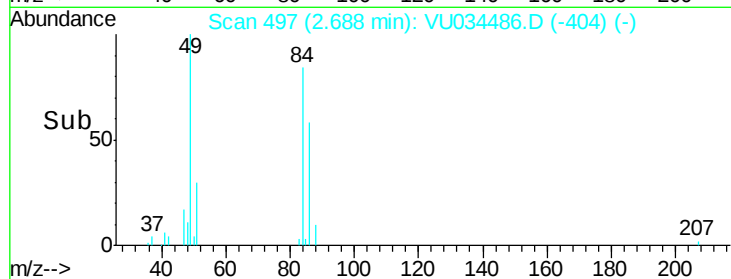
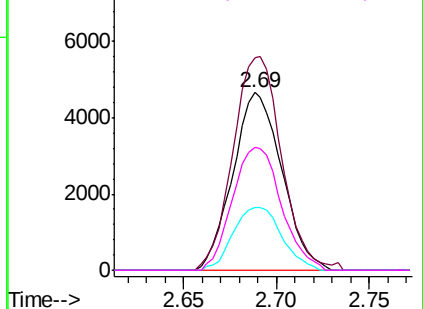
#20
Methylene Chloride
Concen: 2.271 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

Instrument :
MSVOA_U
ClientSampleId :
T11-B4-(0)

Tgt Ion: 84 Resp: 8558
Ion Ratio Lower Upper
84 100
49 119.3 96.0 144.0
51 35.5 30.0 45.0
86 69.1 51.4 77.0

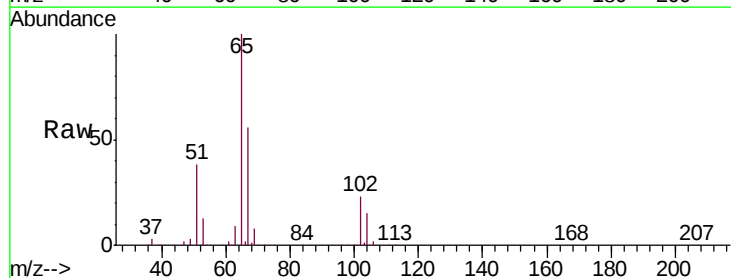


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

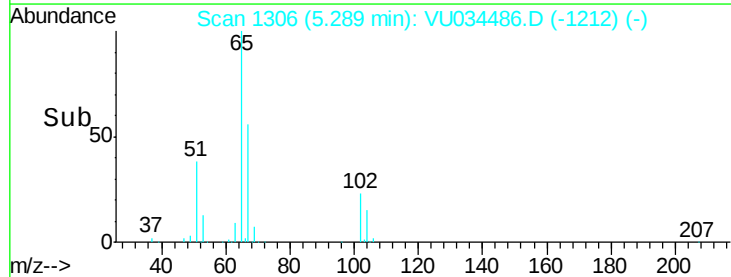
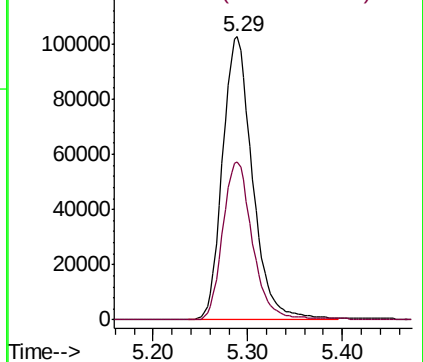


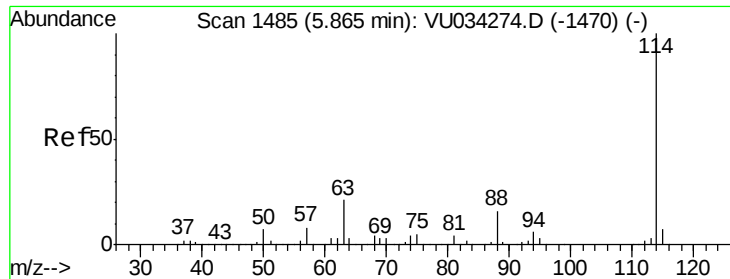
#33
1,2-Dichloroethane-d4
Concen: 59.468 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034486.D
Acq: 11 Sep 2019 19:52

Tgt Ion: 65 Resp: 226349
Ion Ratio Lower Upper
65 100
67 55.6 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

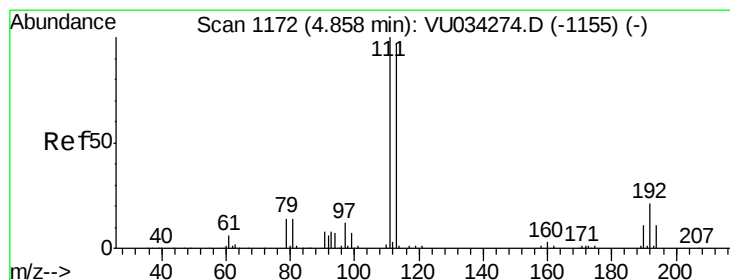
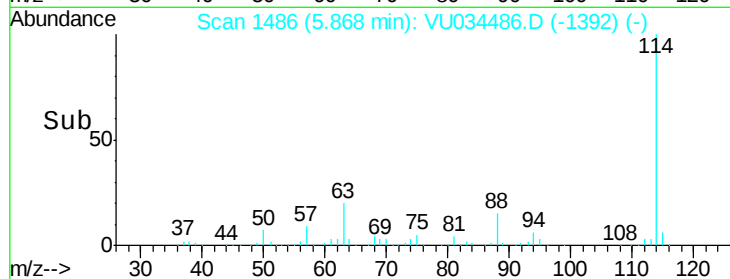
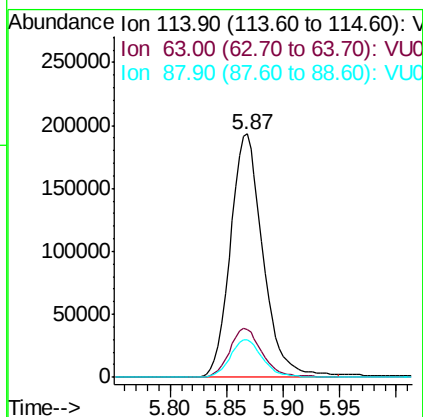
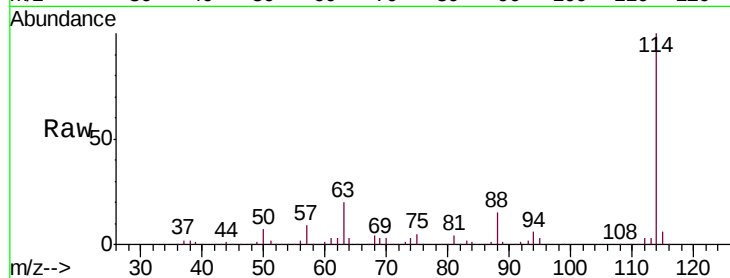




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034486.D
 Acq: 11 Sep 2019 19:52

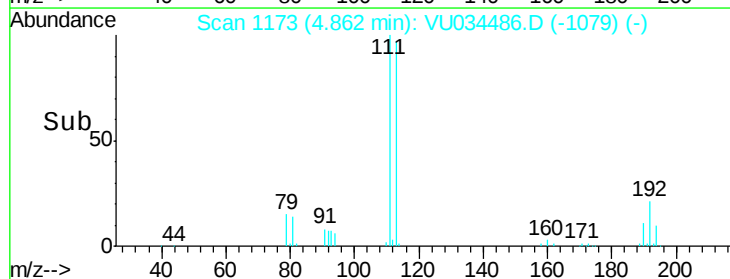
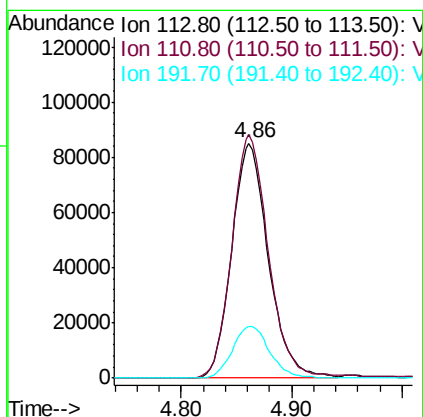
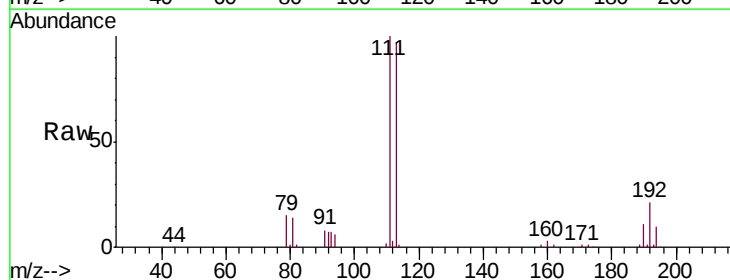
Instrument :
 MSVOA_U
 ClientSampleId :
 T11-B4-(0)

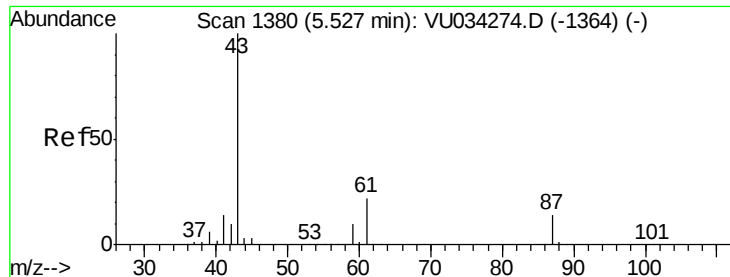
Tgt Ion:114 Resp: 388595
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 15.3 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 54.076 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034486.D
 Acq: 11 Sep 2019 19:52

Tgt Ion:113 Resp: 195533
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.5 122.3
 192 22.7 17.8 26.8





#43

Isopropyl Acetate

Concen: 3.454 ug/l

RT: 5.54 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

T11-B4-(0)

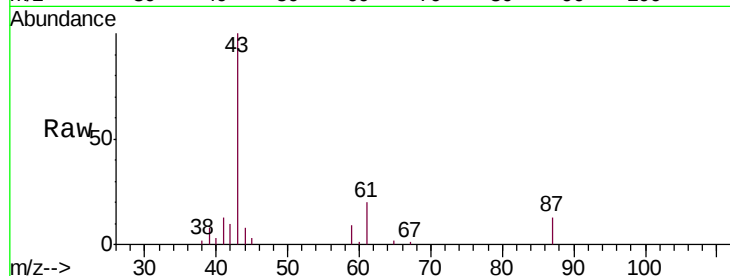
Tgt Ion: 43 Resp: 26847

Ion Ratio Lower Upper

43 100

61 20.6 17.1 25.7

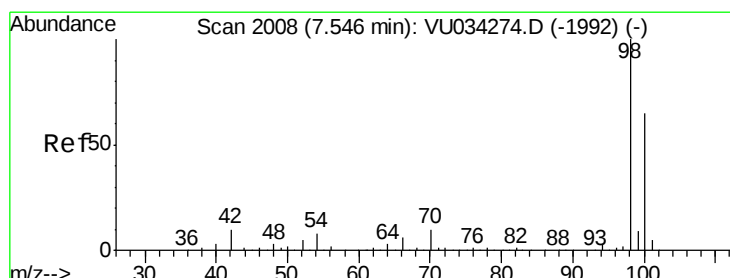
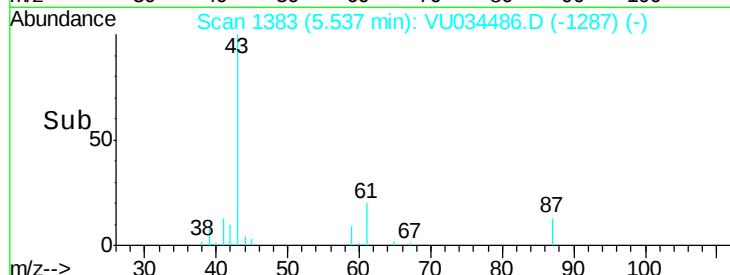
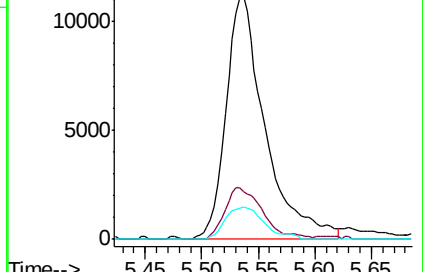
87 13.3 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034486.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034486.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034486.D (-1287) (-)



#50

Toluene-d8

Concen: 53.275 ug/l

RT: 7.54 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VU034486.D

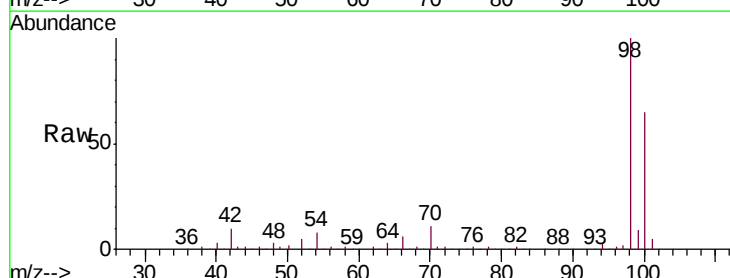
Acq: 11 Sep 2019 19:52

Tgt Ion: 98 Resp: 723733

Ion Ratio Lower Upper

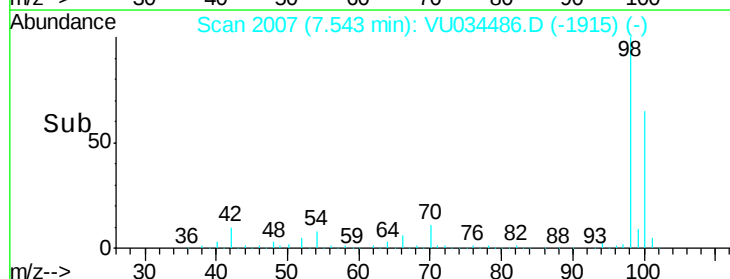
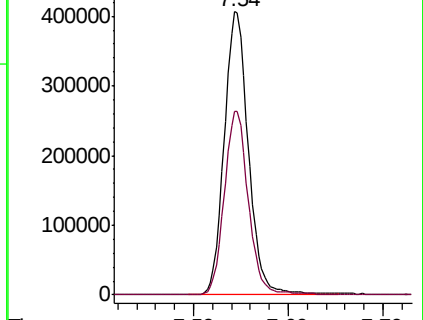
98 100

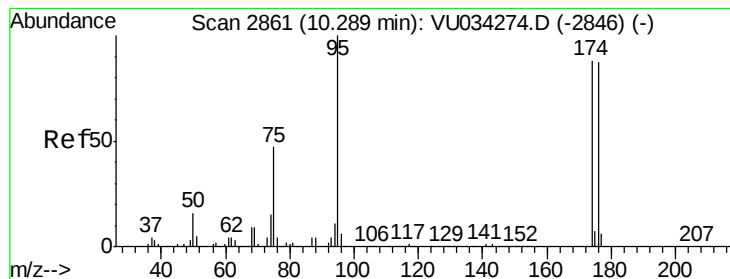
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034486.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034486.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 46.814 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

T11-B4-(0)

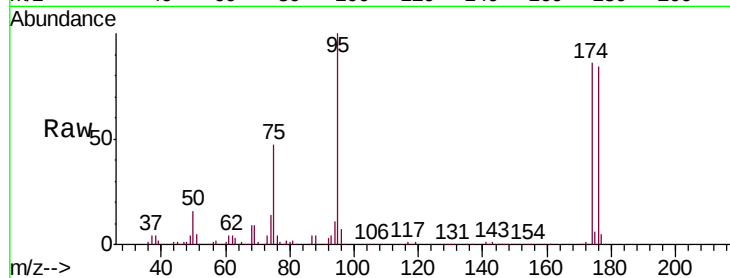
Tgt Ion: 95 Resp: 245545

Ion Ratio Lower Upper

95 100

174 88.2 0.0 175.2

176 84.2 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.29

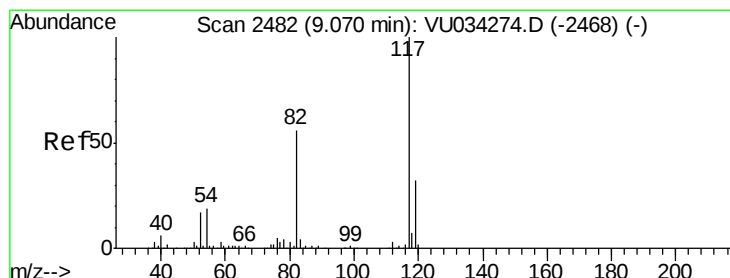
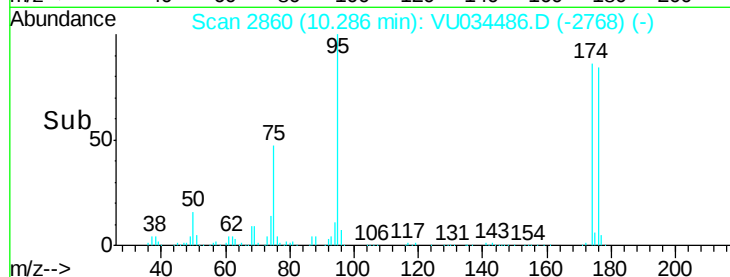
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2481

Delta R.T. -0.00 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

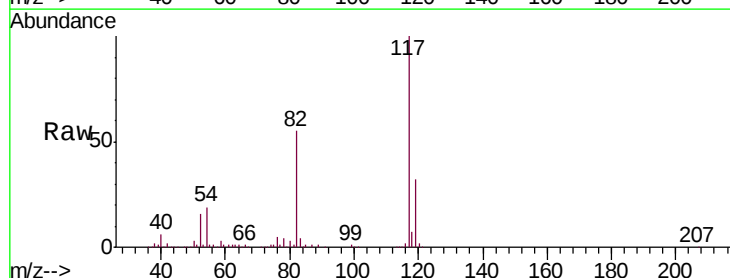
Tgt Ion: 117 Resp: 404936

Ion Ratio Lower Upper

117 100

82 54.7 44.6 67.0

119 31.9 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

9.07

300000

250000

200000

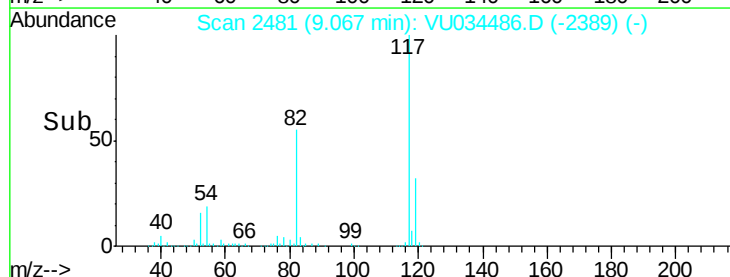
150000

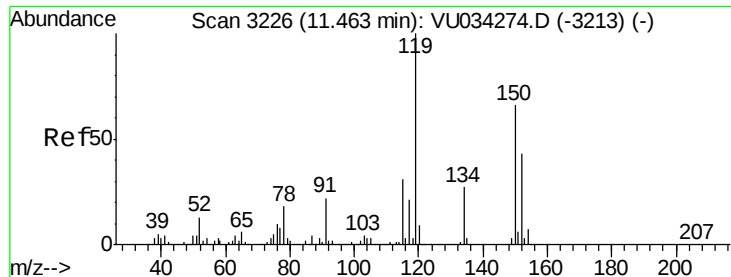
100000

50000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034486.D

Acq: 11 Sep 2019 19:52

Instrument :

MSVOA_U

ClientSampleId :

T11-B4-(0)

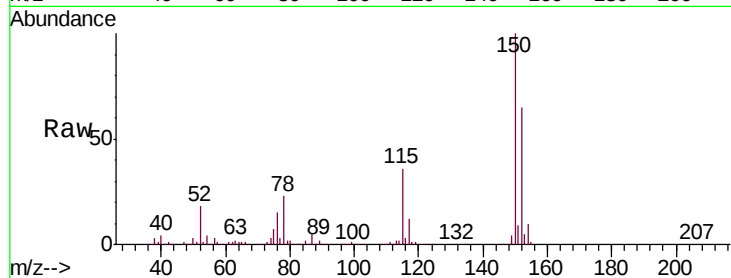
Tgt Ion:152 Resp: 222119

Ion Ratio Lower Upper

152 100

115 56.4 39.1 117.3

150 155.4 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

