

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034502.D
 Acq On : 12 Sep 2019 02:03
 Operator : JC/SP
 Sample : K4643-24
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-B3-(0)

Quant Time: Sep 12 06:41:58 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

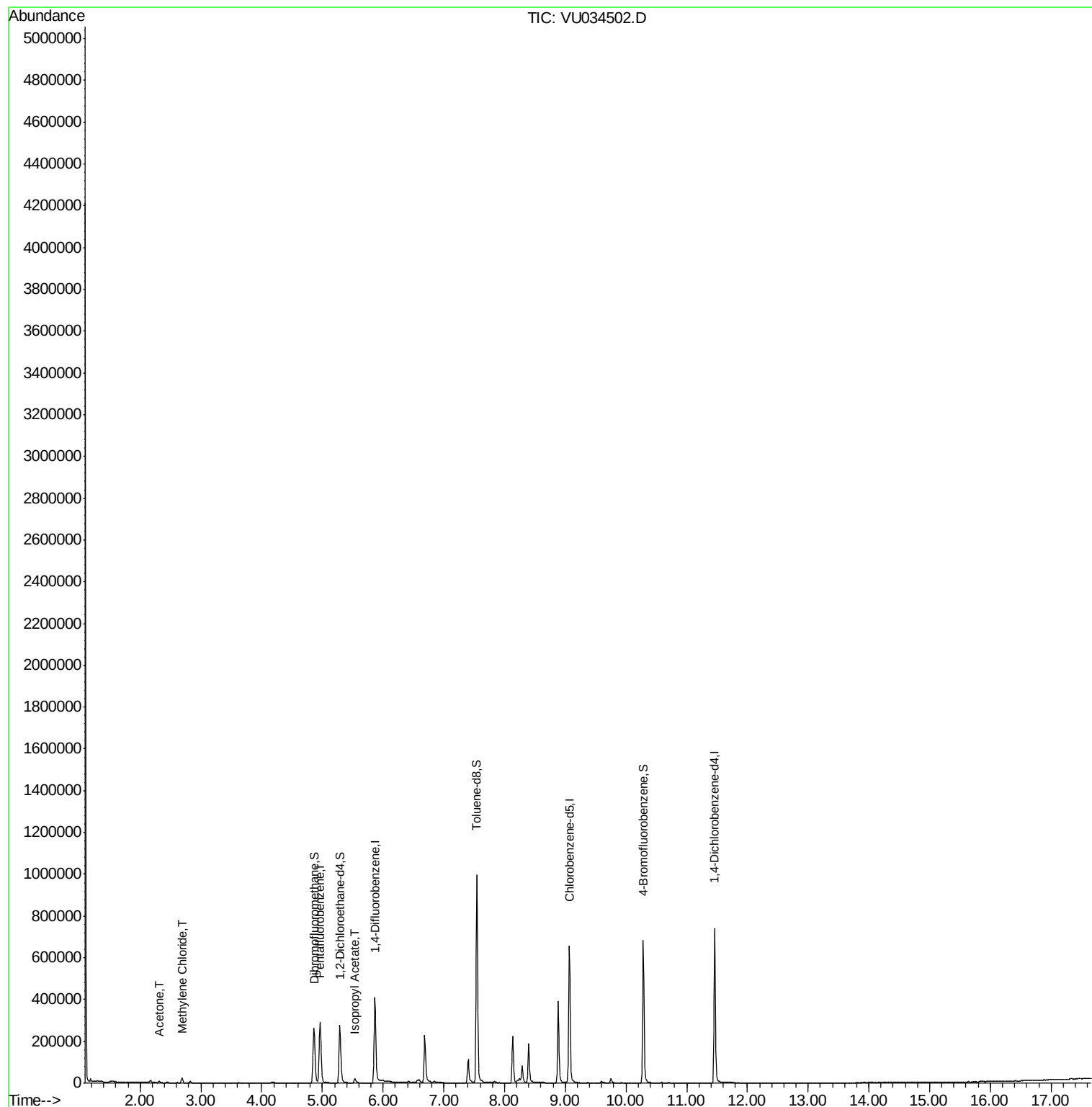
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	241469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	362174	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	391820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	215076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	222123	60.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.60%	
35) Dibromofluoromethane	4.86	113	189168	56.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.26%	
50) Toluene-d8	7.54	98	701471	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
62) 4-Bromofluorobenzene	10.29	95	236859	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
Target Compounds						
16) Acetone	2.31	43	9636	5.097	ug/l	98
20) Methylene Chloride	2.69	84	10938	3.158	ug/l	96
43) Isopropyl Acetate	5.54	43	26441	3.650	ug/l	99

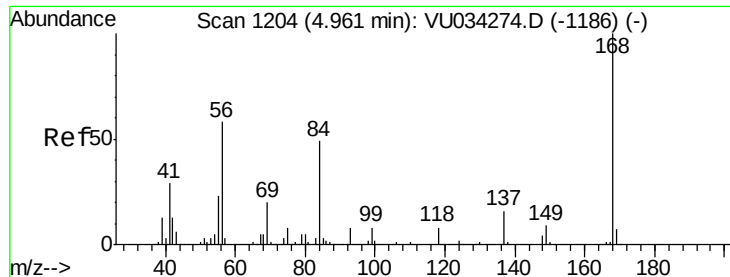
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034502.D

Acq: 12 Sep 2019 02:03

Instrument :

MSVOA_U

ClientSampleId :

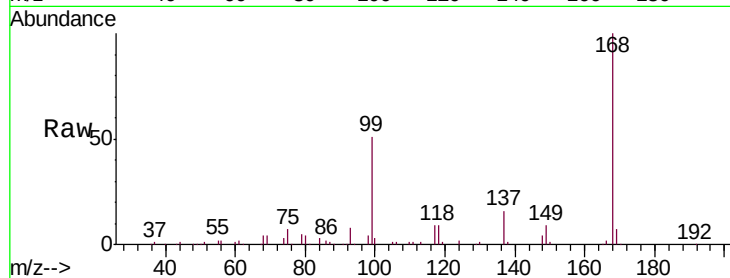
T11-B3-(0)

Tgt Ion:168 Resp: 241469

Ion Ratio Lower Upper

168 100

99 51.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034502.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034502.D (-1111) (-)

4.96

120000

100000

80000

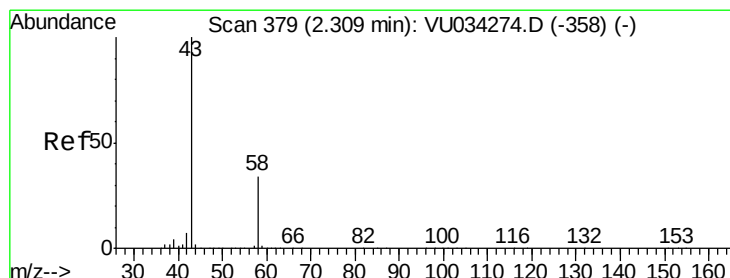
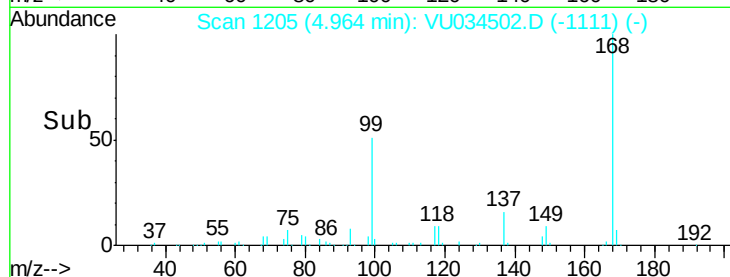
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.097 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034502.D

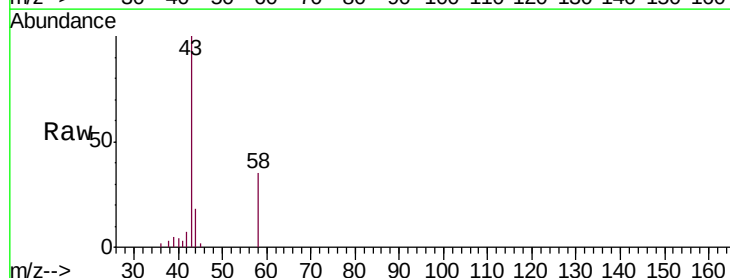
Acq: 12 Sep 2019 02:03

Tgt Ion: 43 Resp: 9636

Ion Ratio Lower Upper

43 100

58 35.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034502.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034502.D (-286) (-)

2.31

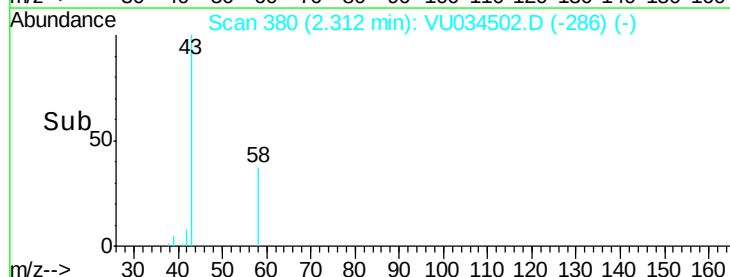
6000

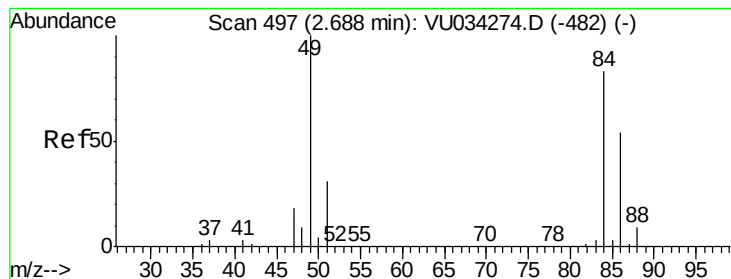
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 3.158 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.00 min

Lab File: VU034502.D

Acq: 12 Sep 2019 02:03

Instrument :

MSVOA_U

ClientSampleId :

T11-B3-(0)

Tgt Ion: 84 Resp: 10938

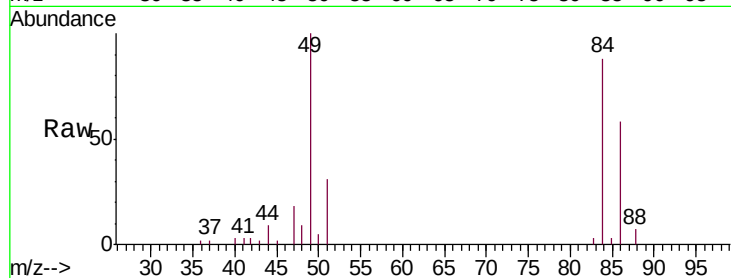
Ion Ratio Lower Upper

84 100

49 113.6 96.0 144.0

51 35.8 30.0 45.0

86 65.3 51.4 77.0

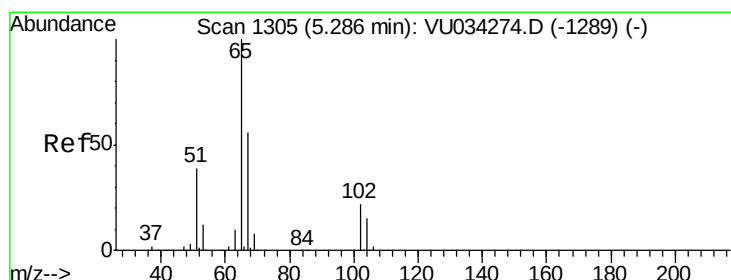
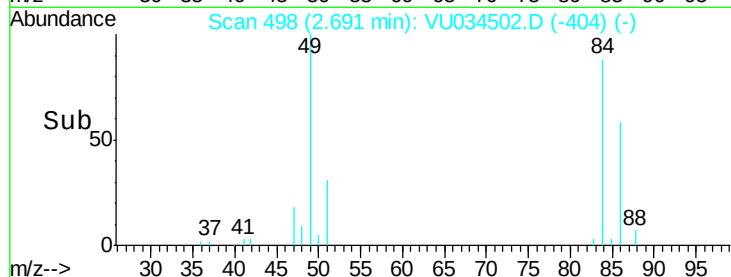
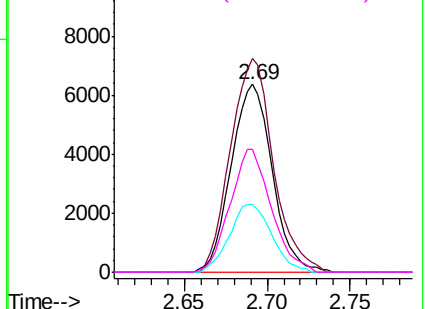


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 60.797 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034502.D

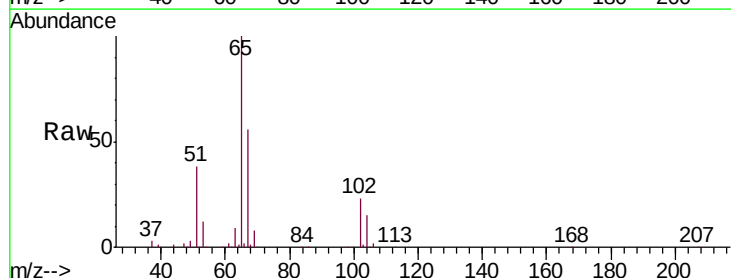
Acq: 12 Sep 2019 02:03

Tgt Ion: 65 Resp: 222123

Ion Ratio Lower Upper

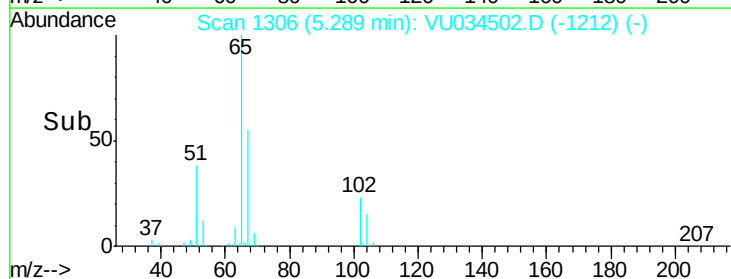
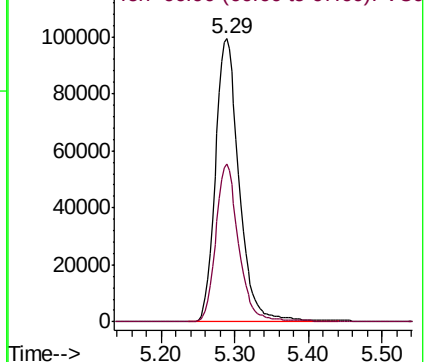
65 100

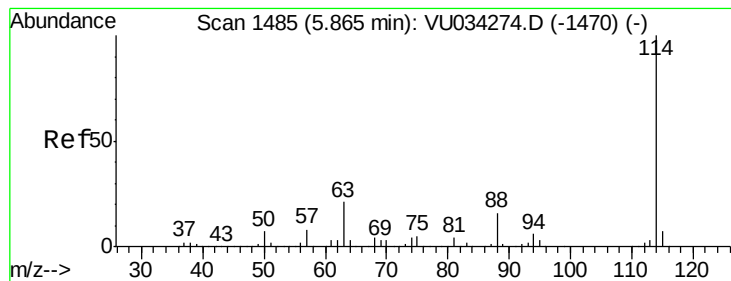
67 53.4 0.0 112.4



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: VU034502.D

Acq: 12 Sep 2019 02:03

Instrument :

MSVOA_U

ClientSampleId :

T11-B3-(0)

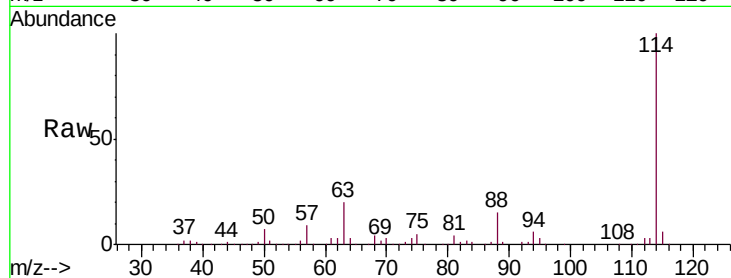
Tgt Ion:114 Resp: 362174

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

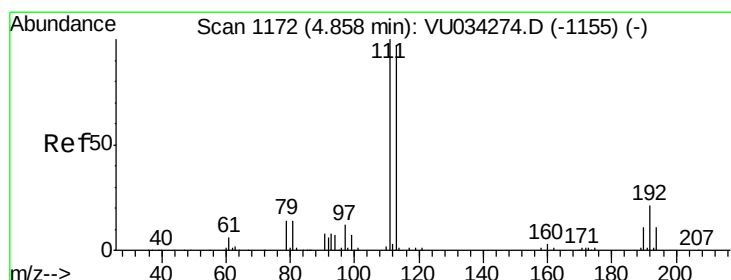
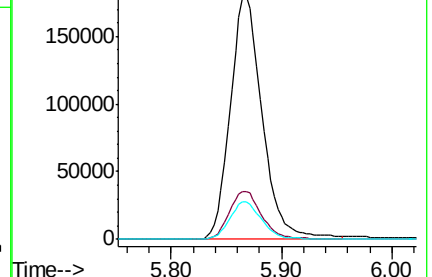
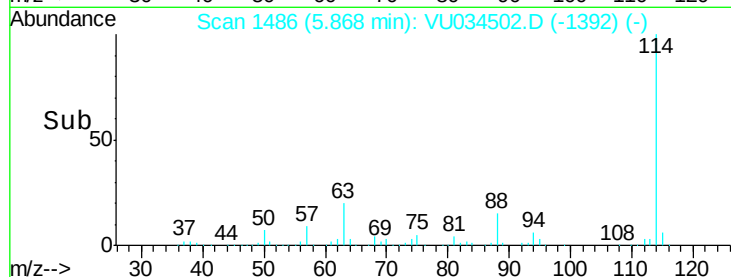
88 15.3 0.0 32.4



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: 56.132 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034502.D

Acq: 12 Sep 2019 02:03

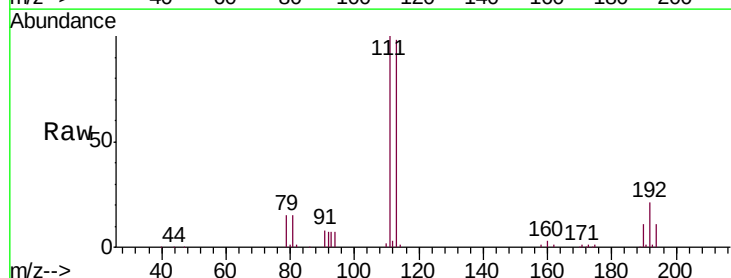
Tgt Ion:113 Resp: 189168

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

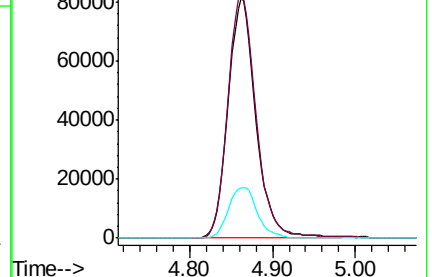
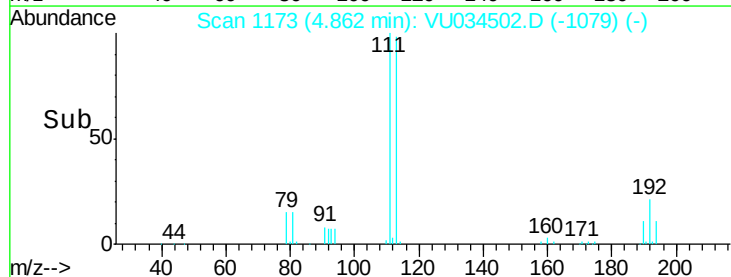
192 22.0 17.8 26.8

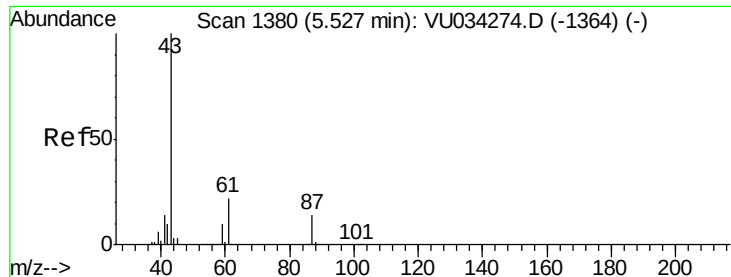


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.650 ug/l

RT: 5.54 min Scan# 1384

Delta R.T. 0.01 min

Lab File: VU034502.D

Acq: 12 Sep 2019 02:03

Instrument :

MSVOA_U

ClientSampleId :

T11-B3-(0)

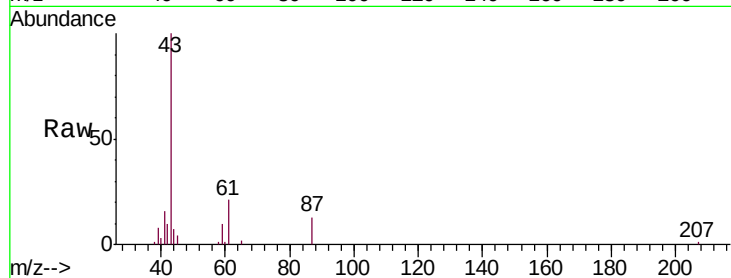
Tgt Ion: 43 Resp: 26441

Ion Ratio Lower Upper

43 100

61 20.6 17.1 25.7

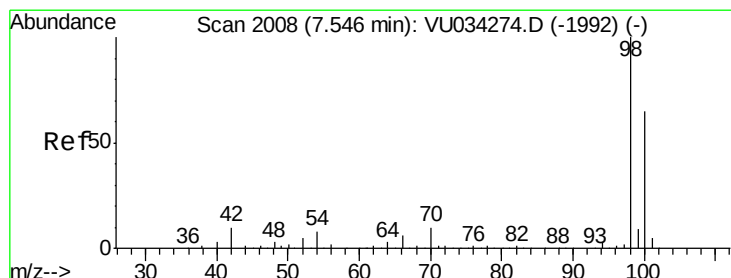
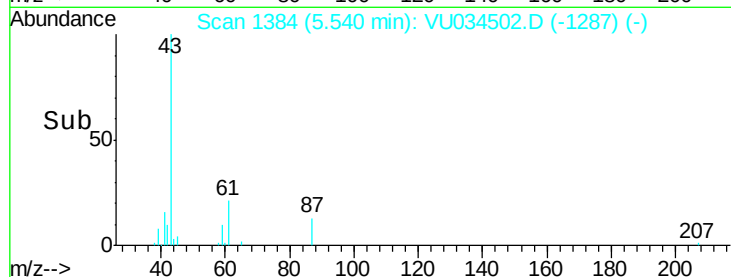
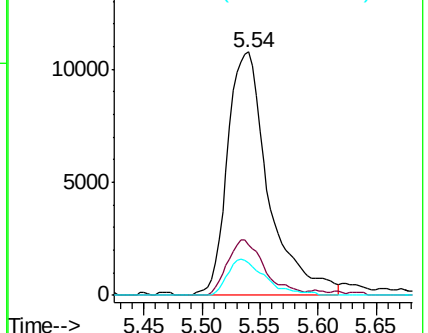
87 13.7 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034502.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034502.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034502.D (-1287) (-)



#50

Toluene-d8

Concen: 55.403 ug/l

RT: 7.54 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VU034502.D

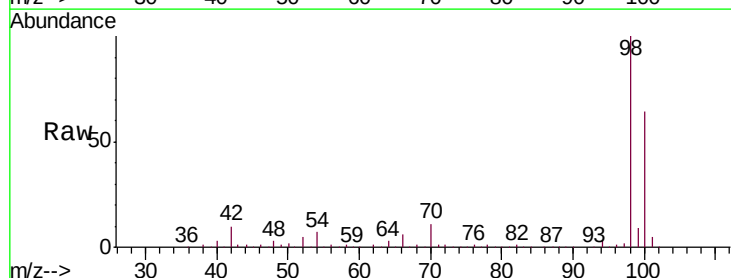
Acq: 12 Sep 2019 02:03

Tgt Ion: 98 Resp: 701471

Ion Ratio Lower Upper

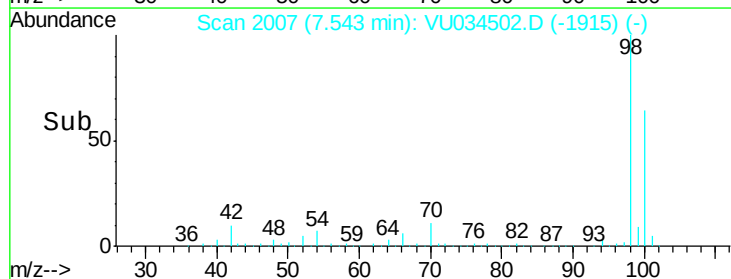
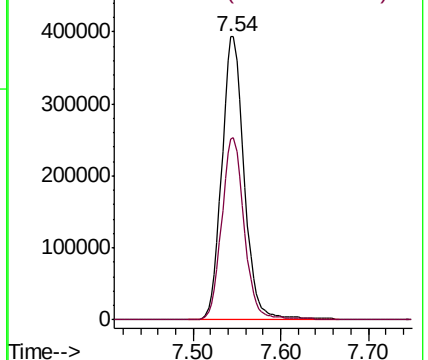
98 100

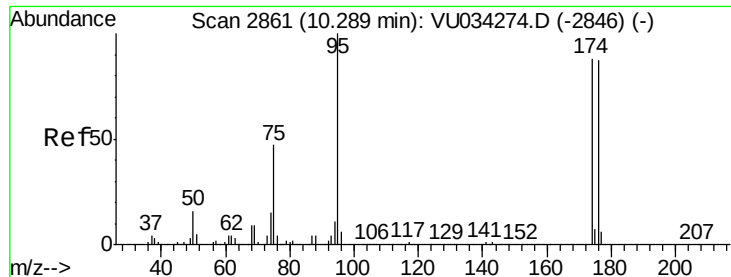
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034502.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034502.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 48.453 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034502.D

Acq: 12 Sep 2019 02:03

Instrument :

MSVOA_U

ClientSampleId :

T11-B3-(0)

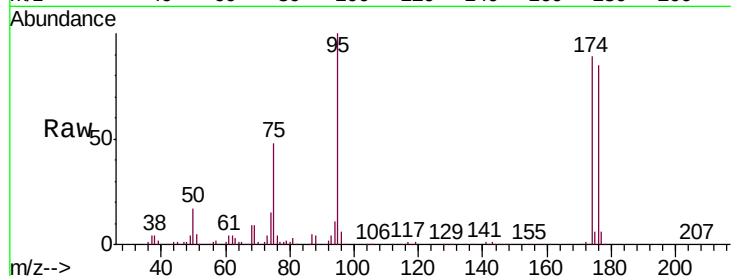
Tgt Ion: 95 Resp: 236859

Ion Ratio Lower Upper

95 100

174 89.3 0.0 175.2

176 85.5 0.0 168.0

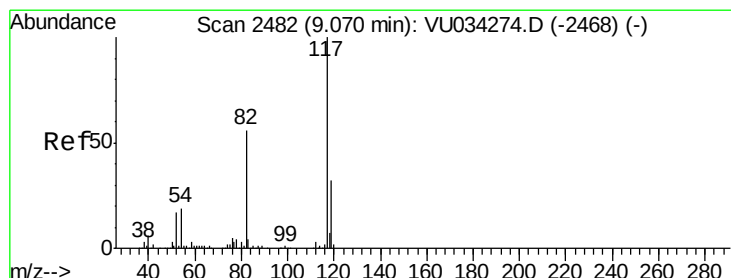
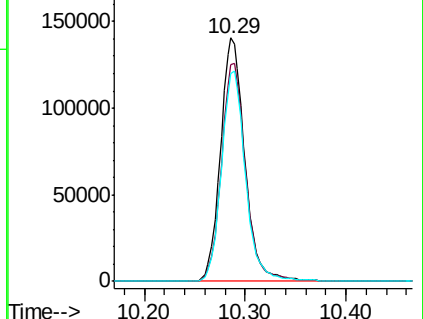
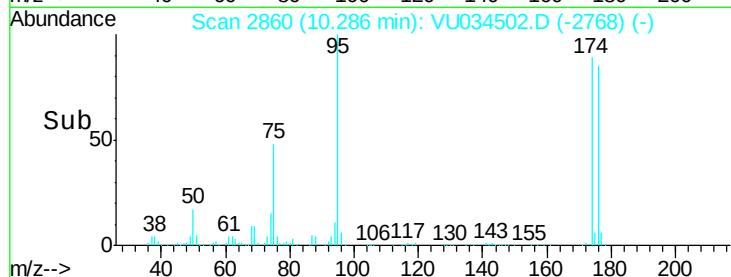


Abundance Ion 94.90 (94.60 to 95.60): VU034274.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034274.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034274.D (-2846) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034502.D

Acq: 12 Sep 2019 02:03

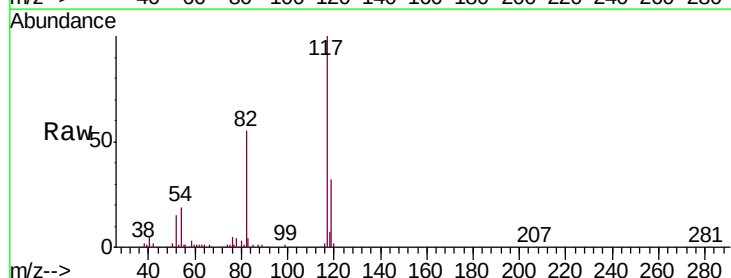
Tgt Ion: 117 Resp: 391820

Ion Ratio Lower Upper

117 100

82 54.5 44.6 67.0

119 32.4 25.9 38.9

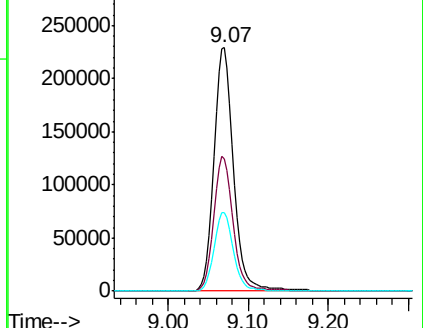
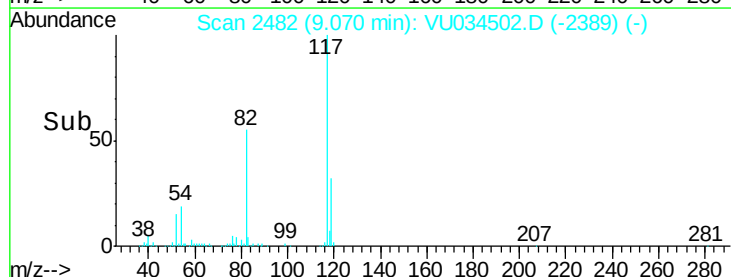


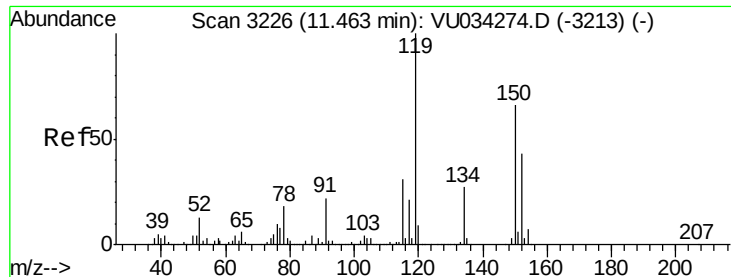
Abundance Ion 116.90 (116.60 to 117.60): VU034274.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034274.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034274.D (-2468) (-)

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: VU034502.D

Acq: 12 Sep 2019 02:03

Instrument :

MSVOA_U

ClientSampleId :

T11-B3-(0)

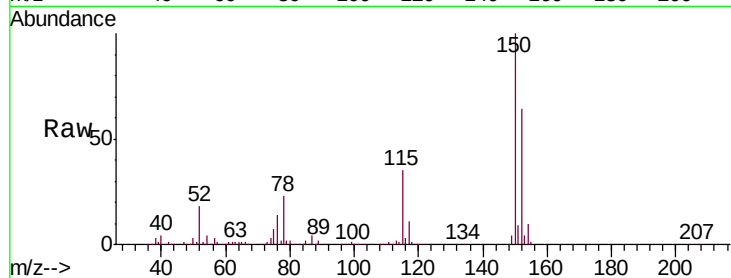
Tgt Ion:152 Resp: 215076

Ion Ratio Lower Upper

152 100

115 55.6 39.1 117.3

150 157.2 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

