

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034076.D
 Acq On : 29 Aug 2019 20:42
 Operator : JC/SP
 Sample : K4528-26
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-Q4-(1.9)

Quant Time: Aug 30 05:30:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

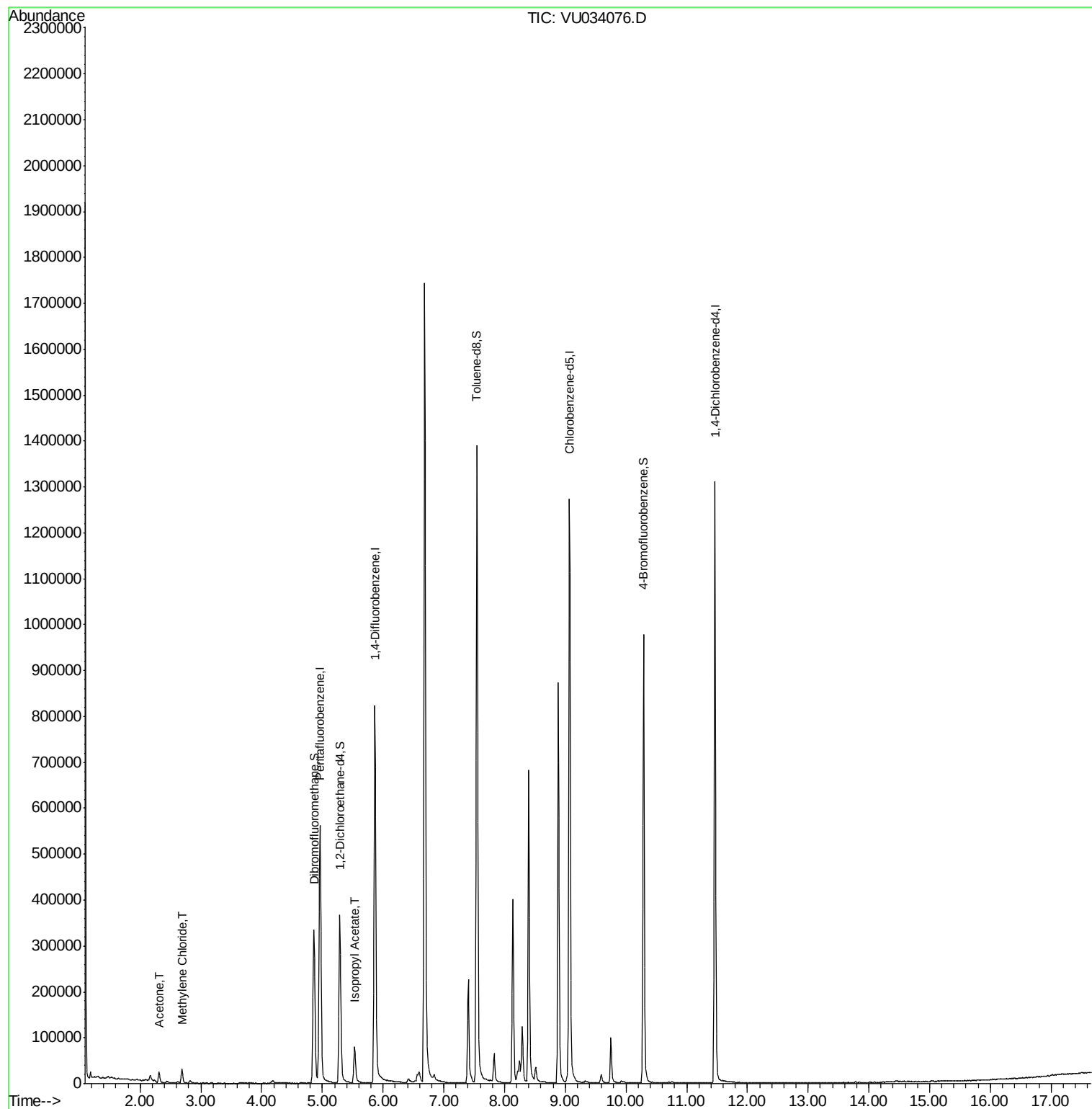
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	460081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	746301	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	738107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	357292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	293940	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
35) Dibromofluoromethane	4.86	113	244652	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
50) Toluene-d8	7.55	98	957835	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	10.29	95	335995	44.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.14%	
Target Compounds						
16) Acetone	2.31	43	24984	8.306	ug/l	97
20) Methylene Chloride	2.69	84	14229	2.499	ug/l	96
43) Isopropyl Acetate	5.53	43	93638	7.786	ug/l	99

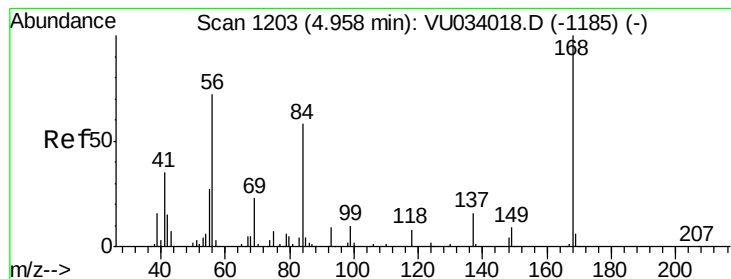
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VU034076.D

Acq: 29 Aug 2019 20:42

Instrument :

MSVOA_U

ClientSampleId :

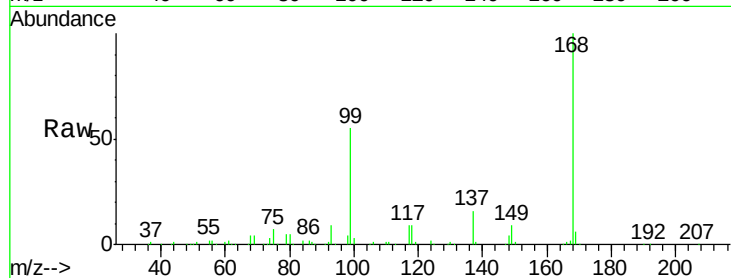
T9-12-13-Q4-(1.9)

Tot Ion:168 Resp: 460081

Ion Ratio Lower Upper

168 100

99 54.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.96

200000

150000

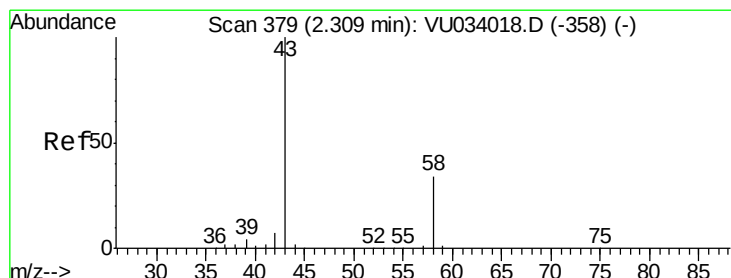
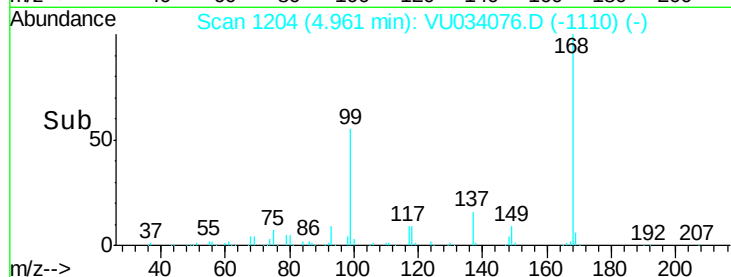
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 8.306 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034076.D

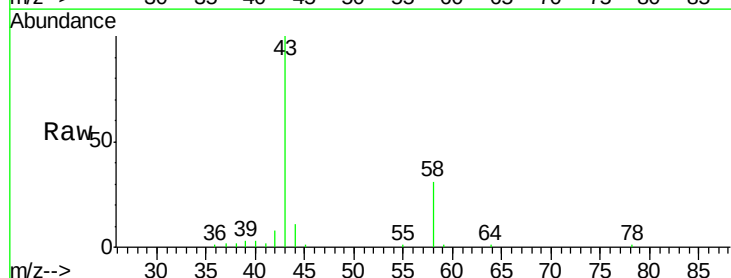
Acq: 29 Aug 2019 20:42

Tgt Ion: 43 Resp: 24984

Ion Ratio Lower Upper

43 100

58 31.8 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034018.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034018.D (-358) (-)

2.31

15000

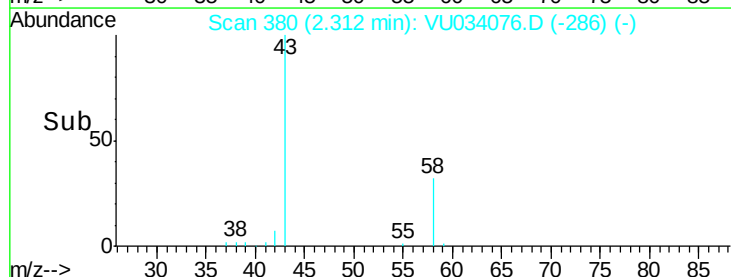
10000

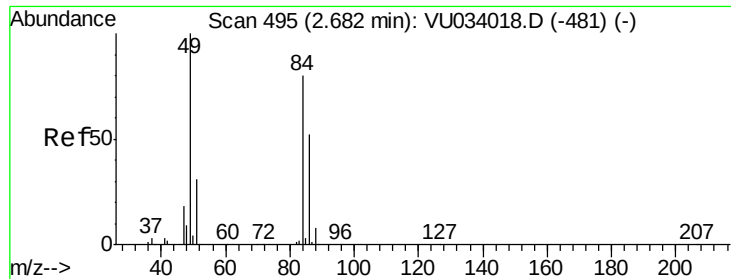
5000

0

2.25 2.30 2.35

Time-->





#20

Methvlene Chloride

Concen: 2.499 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.01 min

Lab File: VU034076.D

Acq: 29 Aug 2019 20:42

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-Q4-(1.9)

Tot Ion: 84 Resp: 14229

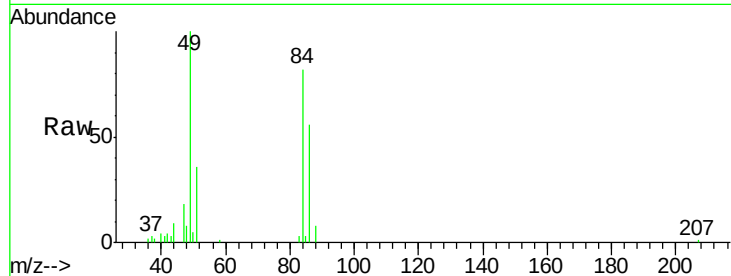
Ion Ratio Lower Upper

84 100

49 122.4 100.2 150.4

51 43.8 30.8 46.2

86 68.4 52.5 78.7

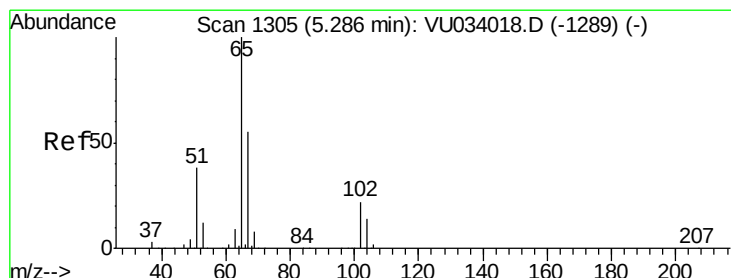
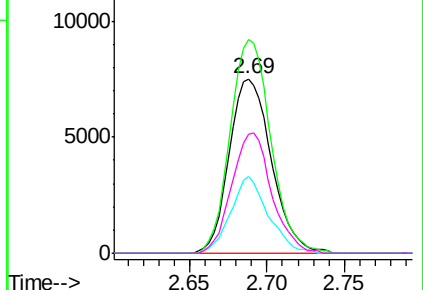
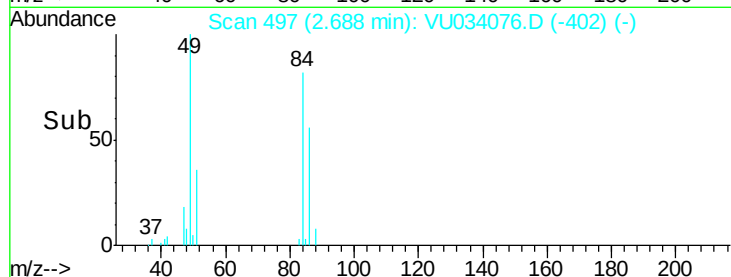


Abundance Ion 83.90 (83.60 to 84.60): VU0

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: 49.861 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU034076.D

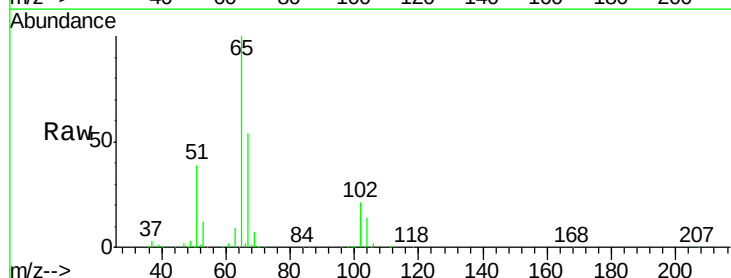
Acq: 29 Aug 2019 20:42

Tgt Ion: 65 Resp: 293940

Ion Ratio Lower Upper

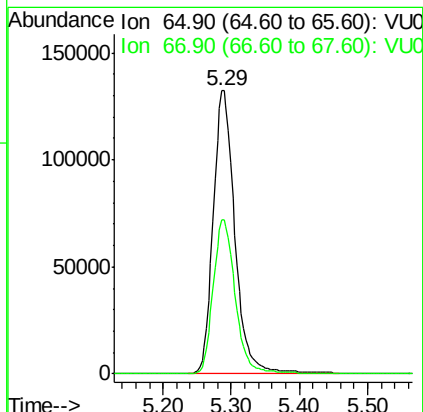
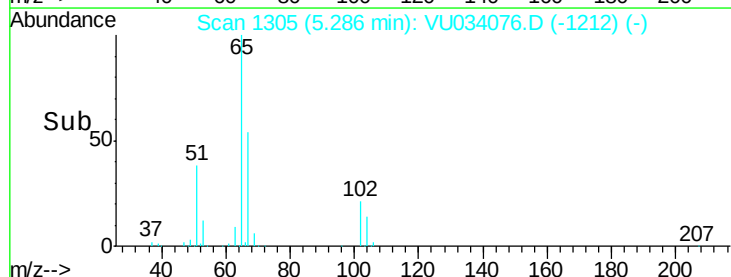
65 100

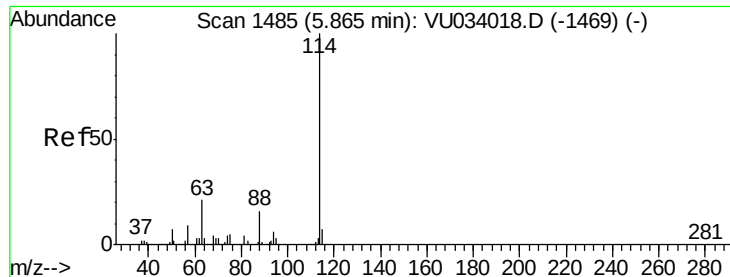
67 55.3 0.0 110.6



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: VU034076.D

Acq: 29 Aug 2019 20:42

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-Q4-(1.9)

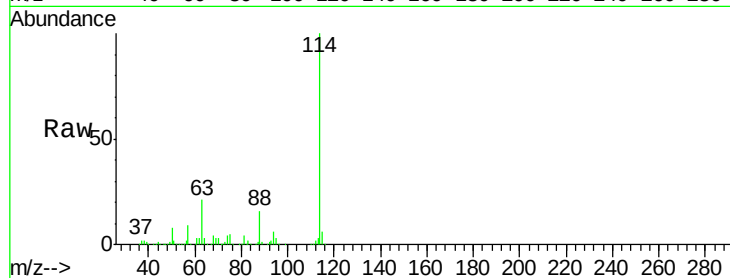
Tot Ion:114 Resp: 746301

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.0

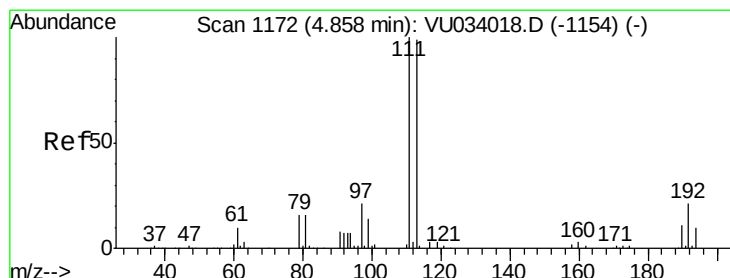
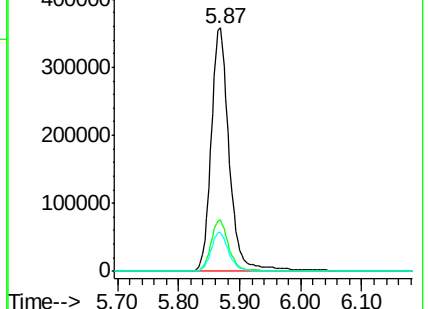
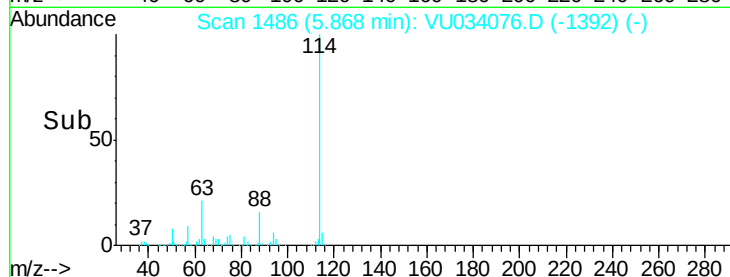
88 15.7 0.0 32.0



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: 47.264 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034076.D

Acq: 29 Aug 2019 20:42

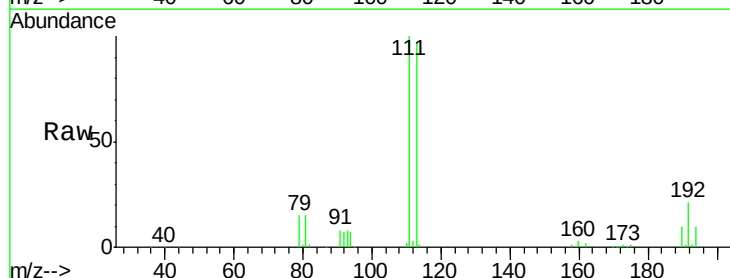
Tgt Ion:113 Resp: 244652

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

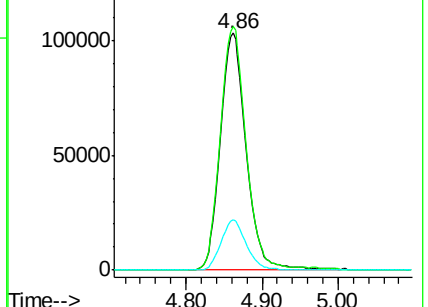
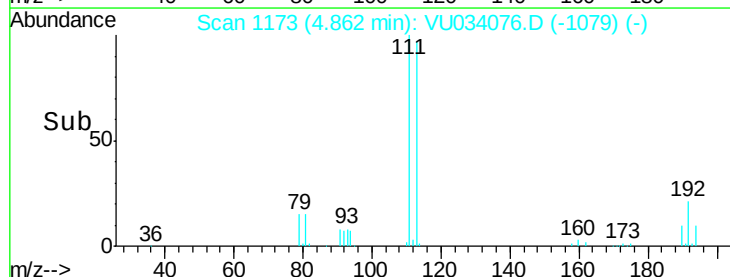
192 20.8 17.1 25.7

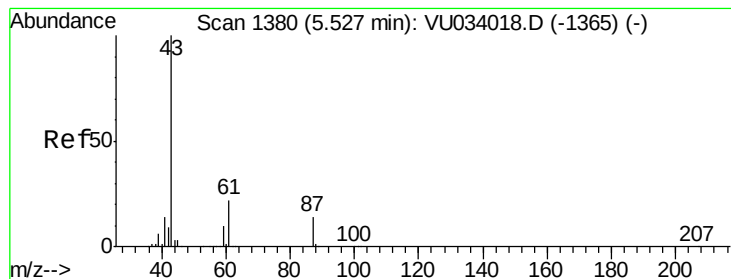


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.786 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034076.D

Acq: 29 Aug 2019 20:42

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-Q4-(1.9)

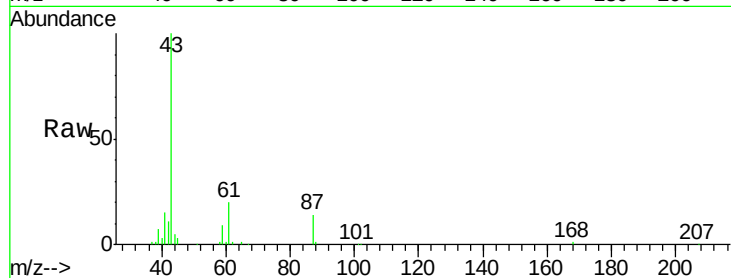
Tot Ion: 43 Resp: 93638

Ion Ratio Lower Upper

43 100

61 21.2 17.2 25.8

87 12.9 10.8 16.2

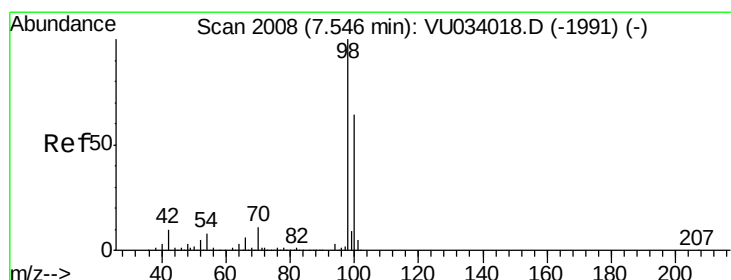
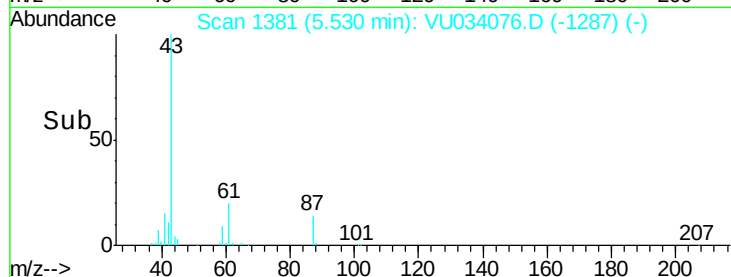


Abundance Ion 43.00 (42.70 to 43.70): VU034076.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034076.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034076.D (-1287) (-)

Time-->



#50

Toluene-d8

Concen: 49.419 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034076.D

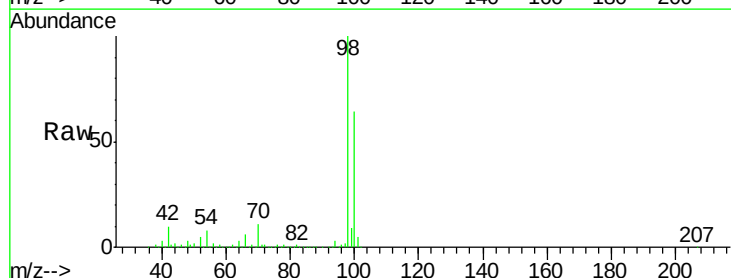
Acq: 29 Aug 2019 20:42

Tgt Ion: 98 Resp: 957835

Ion Ratio Lower Upper

98 100

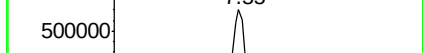
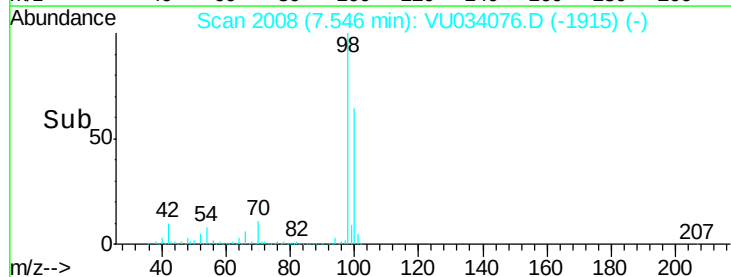
100 64.3 50.3 75.5

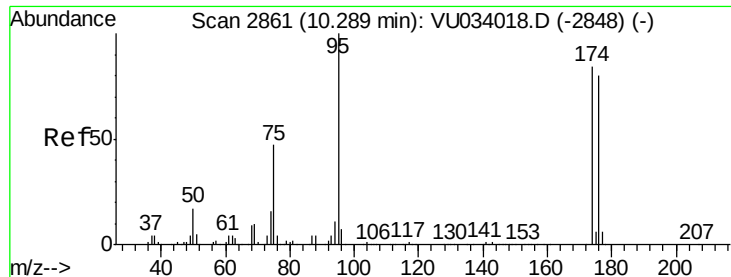


Abundance Ion 98.00 (97.70 to 98.70): VU034076.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034076.D (-1915) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: 44.565 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034076.D

Acq: 29 Aug 2019 20:42

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-Q4-(1.9)

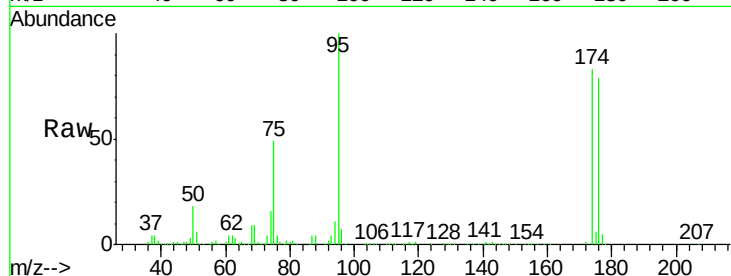
Tot Ion: 95 Resp: 335995

Ion Ratio Lower Upper

95 100

174 85.1 0.0 168.8

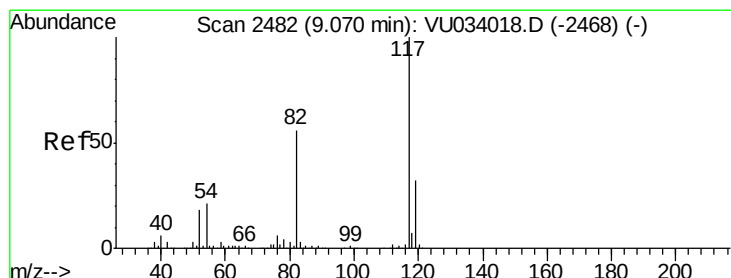
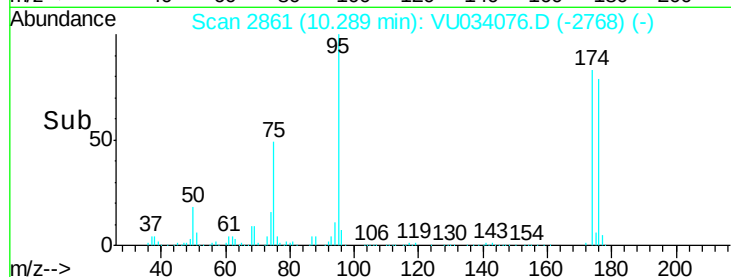
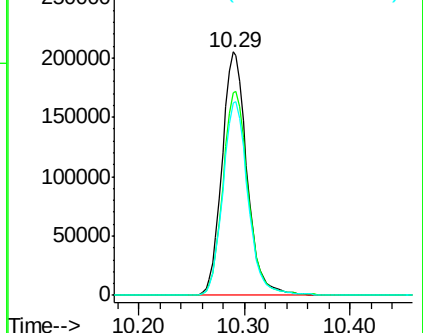
176 80.1 0.0 161.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034076.D

Acq: 29 Aug 2019 20:42

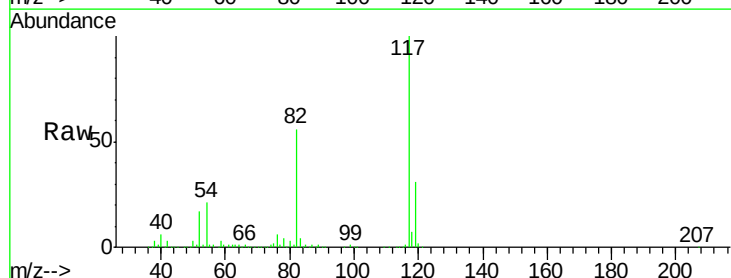
Tgt Ion: 117 Resp: 738107

Ion Ratio Lower Upper

117 100

82 56.4 45.1 67.7

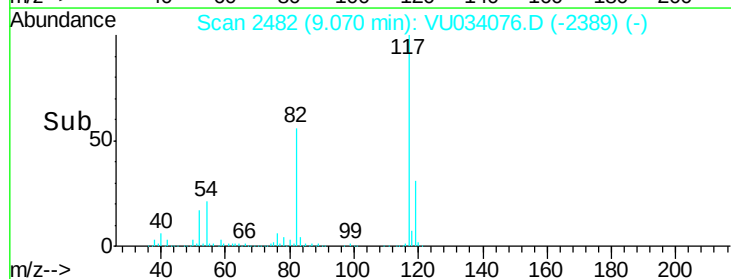
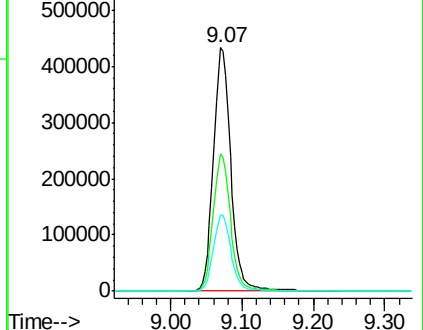
119 31.4 25.4 38.0

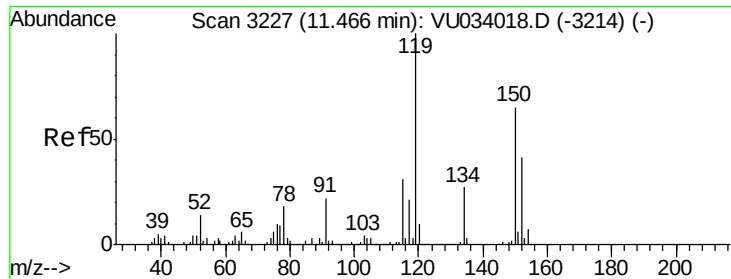


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VU034076.D

Acq: 29 Aug 2019 20:42

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-Q4-(1.9)

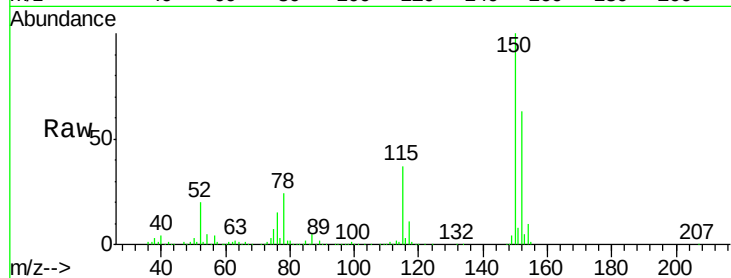
Tot Ion:152 Resp: 357292

Ion Ratio Lower Upper

152 100

115 58.1 41.1 123.3

150 157.5 0.0 348.8



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

