

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034490.D
 Acq On : 11 Sep 2019 21:25
 Operator : JC/SP
 Sample : K4643-35
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-C1-(4)

Quant Time: Sep 12 05:43:08 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

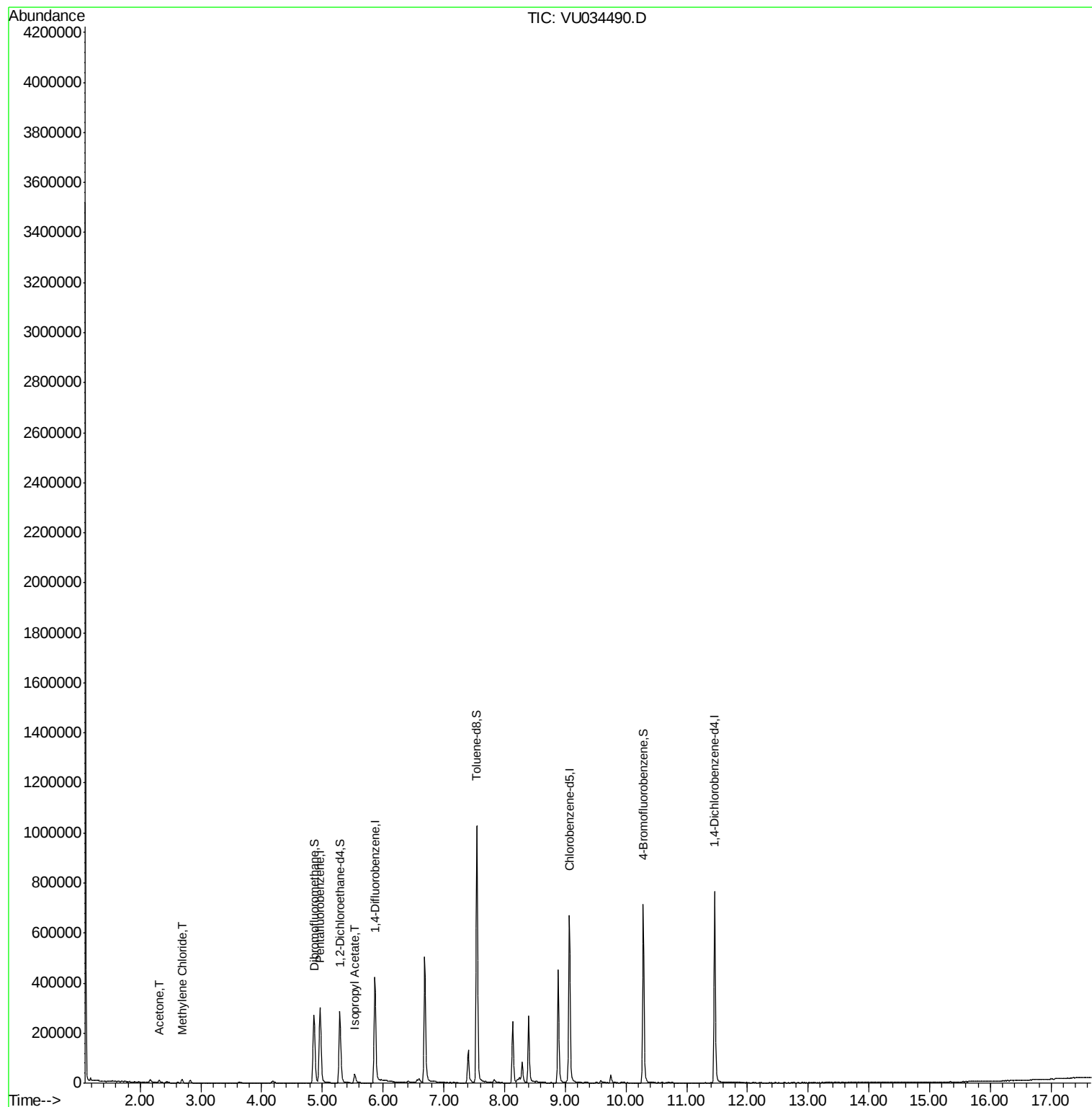
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	248538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	376384	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	402617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	219168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	228046	60.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.28%	
35) Dibromofluoromethane	4.86	113	195291	55.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.52%	
50) Toluene-d8	7.55	98	725684	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.30%	
62) 4-Bromofluorobenzene	10.29	95	246663	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
Target Compounds						
16) Acetone	2.31	43	10716	5.507	ug/l	90
20) Methylene Chloride	2.69	84	6202	1.559	ug/l	86
43) Isopropyl Acetate	5.53	43	43493	5.777	ug/l	98

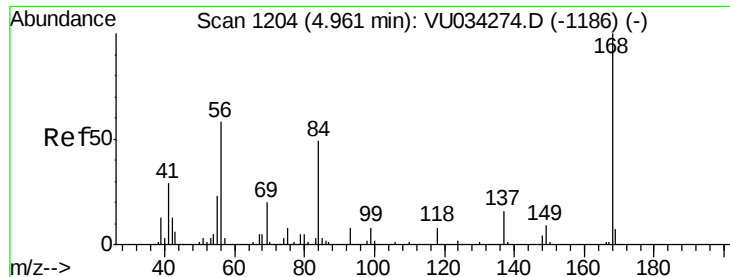
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034490.D

Acq: 11 Sep 2019 21:25

Instrument :

MSVOA_U

ClientSampleId :

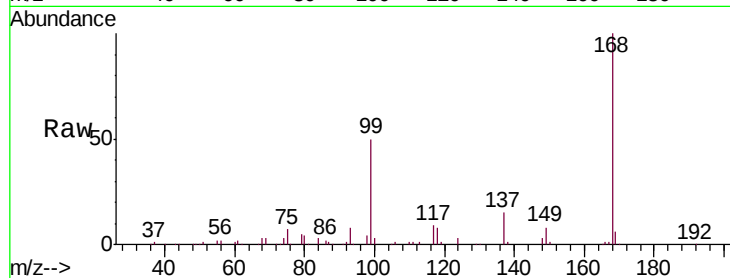
T11-C1-(4)

Tgt Ion:168 Resp: 248538

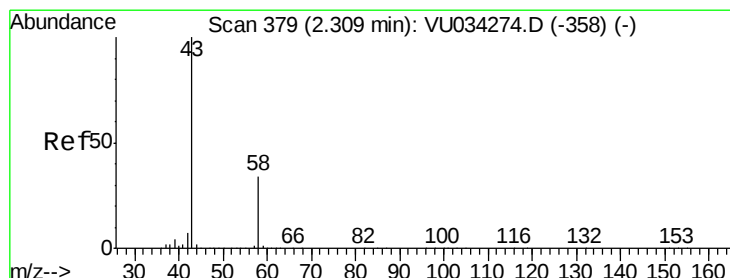
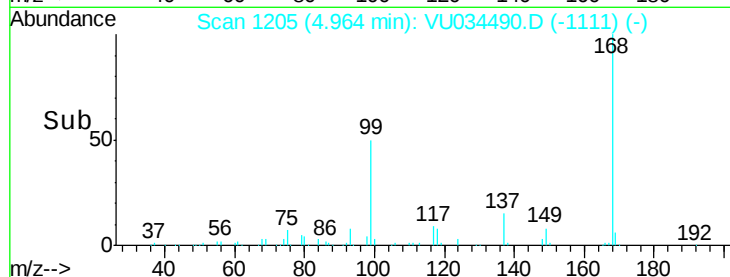
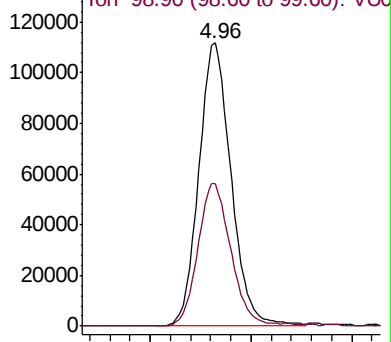
Ion Ratio Lower Upper

168 100

99 50.2 41.6 62.4



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



#16

Acetone

Concen: 5.507 ug/l

RT: 2.31 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034490.D

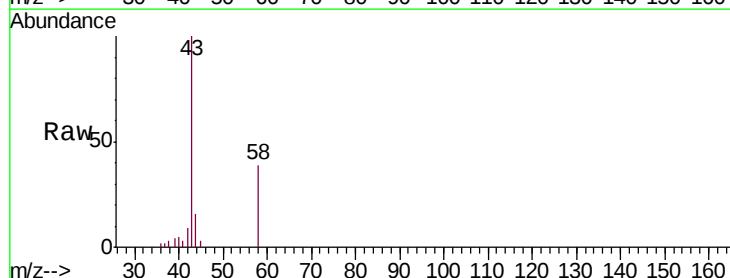
Acq: 11 Sep 2019 21:25

Tgt Ion: 43 Resp: 10716

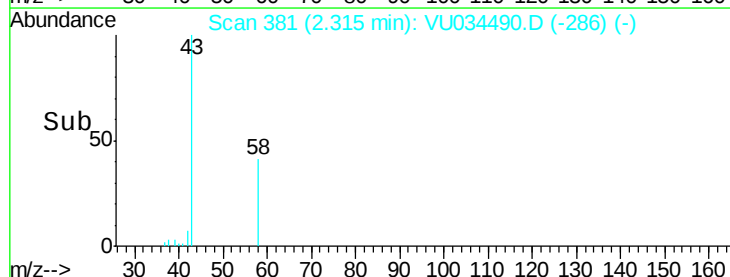
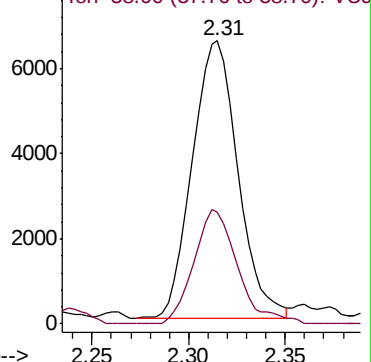
Ion Ratio Lower Upper

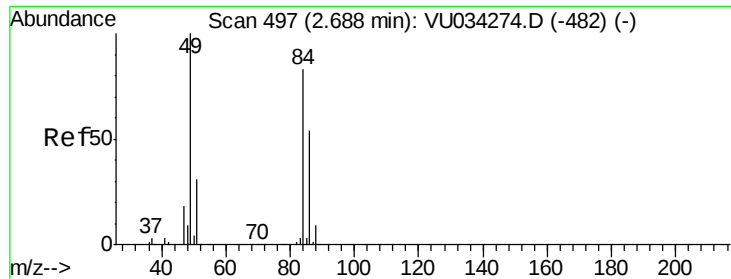
43 100

58 40.3 27.6 41.4



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



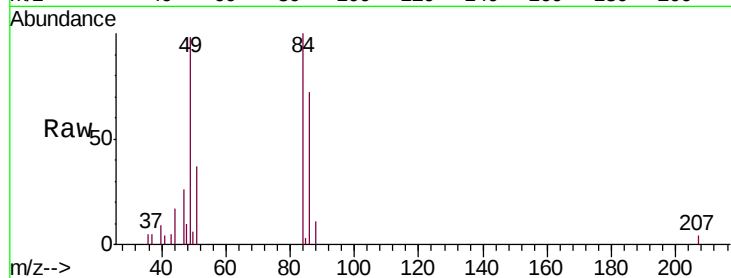


#20
Methylene Chloride
Concen: 1.559 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034490.D
Acq: 11 Sep 2019 21:25

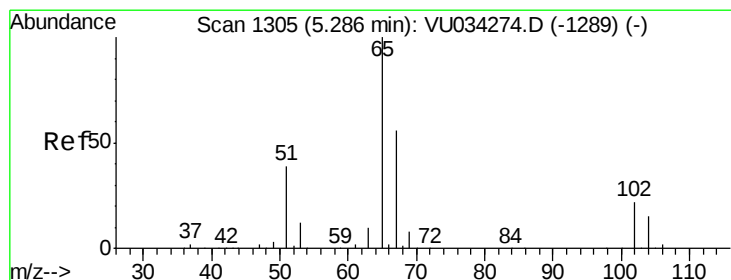
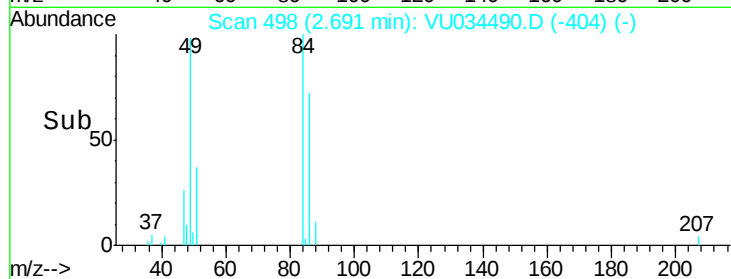
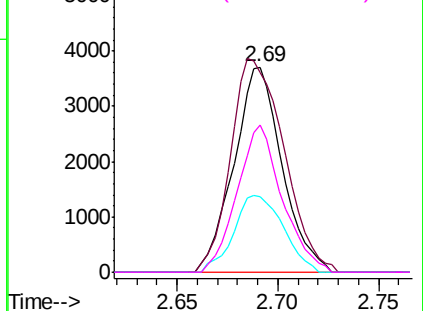
Instrument :
MSVOA_U
ClientSampleId :
T11-C1-(4)

Tgt Ion: 84 Resp: 6202

Ion	Ratio	Lower	Upper
84	100		
49	97.6	96.0	144.0
51	36.7	30.0	45.0
86	72.0	51.4	77.0



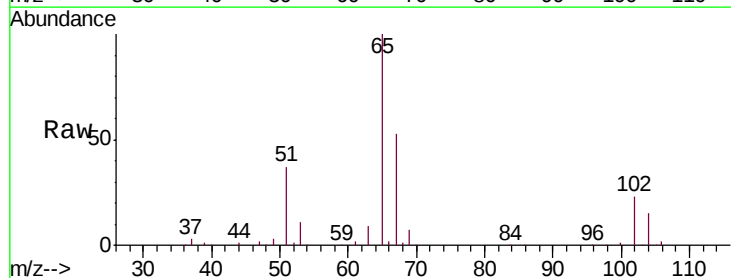
Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0



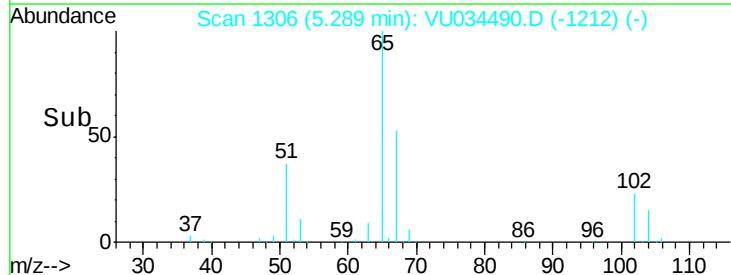
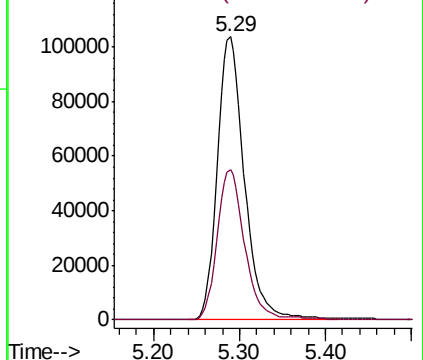
#33
1,2-Dichloroethane-d4
Concen: 60.643 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034490.D
Acq: 11 Sep 2019 21:25

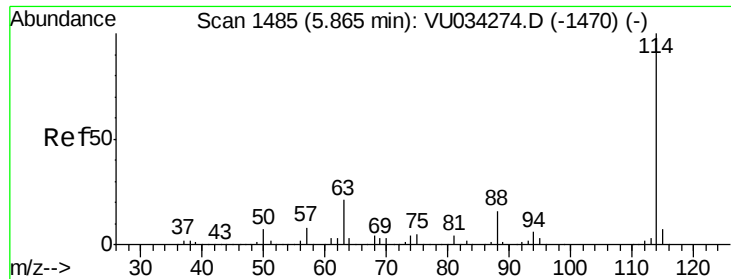
Tgt Ion: 65 Resp: 228046

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	112.4



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

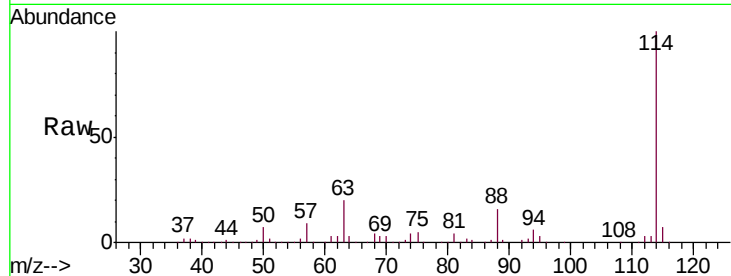




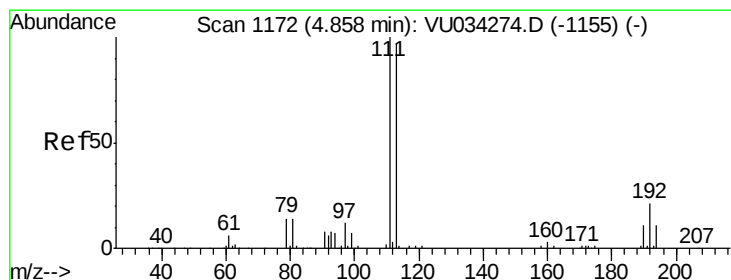
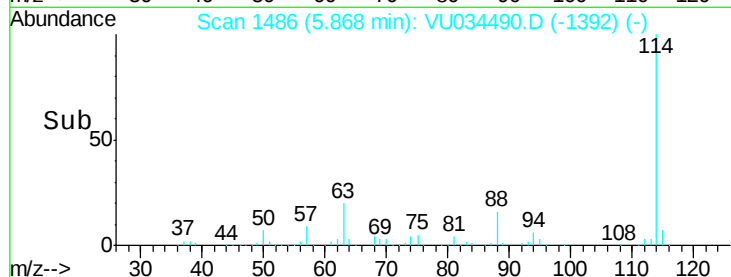
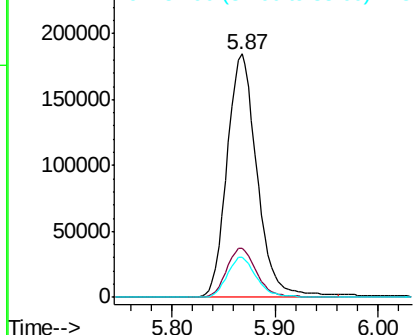
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034490.D
 Acq: 11 Sep 2019 21:25

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-C1-(4)

Tgt Ion:114 Resp: 376384
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.4
 88 16.3 0.0 32.4

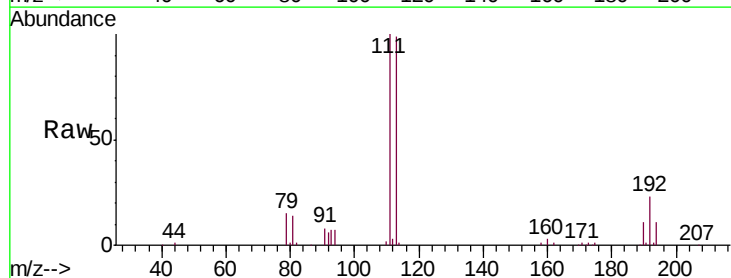


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

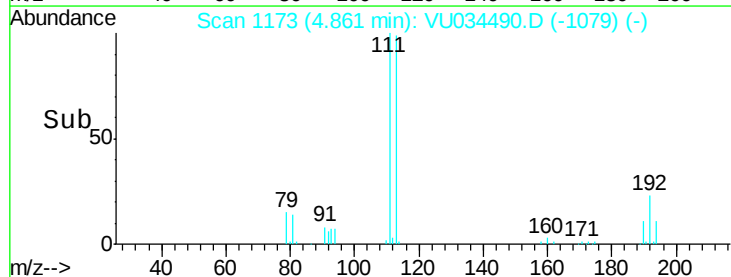
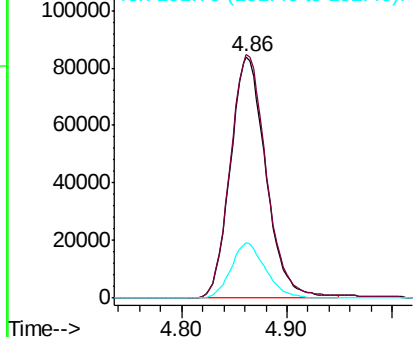


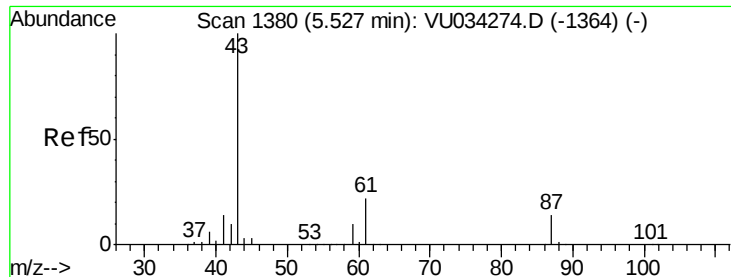
#35
 Dibromofluoromethane
 Concen: 55.761 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034490.D
 Acq: 11 Sep 2019 21:25

Tgt Ion:113 Resp: 195291
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.5 122.3
 192 22.2 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: 5.777 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034490.D

Acq: 11 Sep 2019 21:25

Instrument :

MSVOA_U

ClientSampleId :

T11-C1-(4)

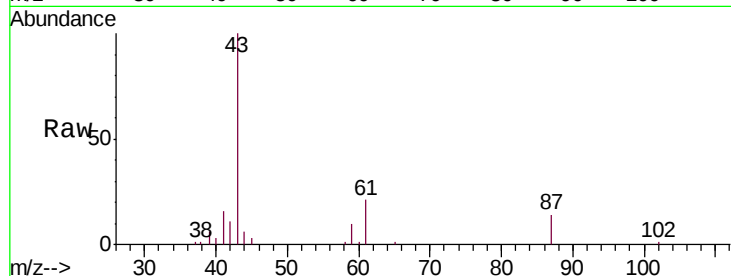
Tgt Ion: 43 Resp: 43493

Ion Ratio Lower Upper

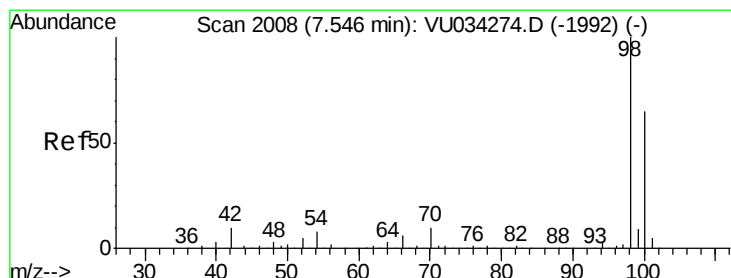
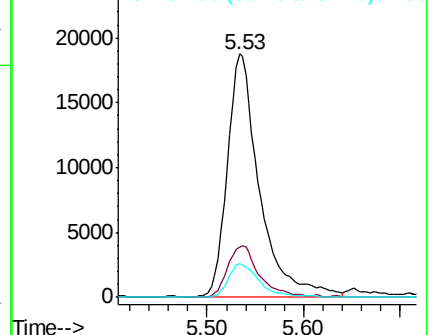
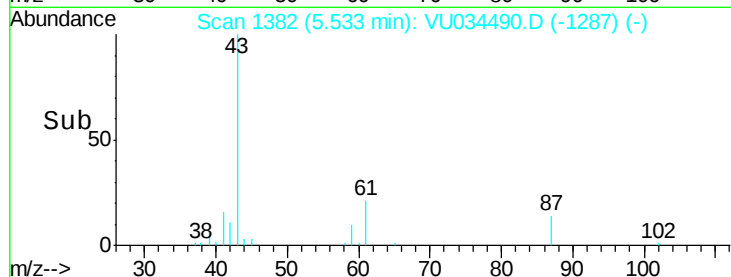
43 100

61 20.8 17.1 25.7

87 13.2 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034490.D (-1287) (-)



#50

Toluene-d8

Concen: 55.151 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034490.D

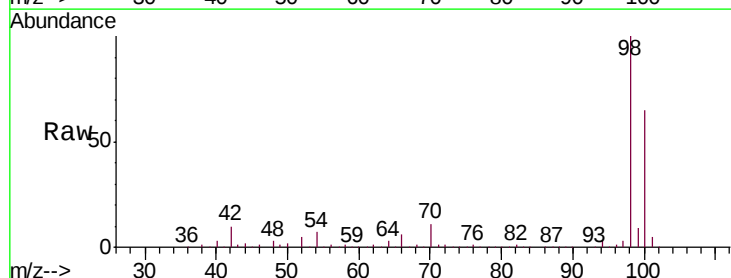
Acq: 11 Sep 2019 21:25

Tgt Ion: 98 Resp: 725684

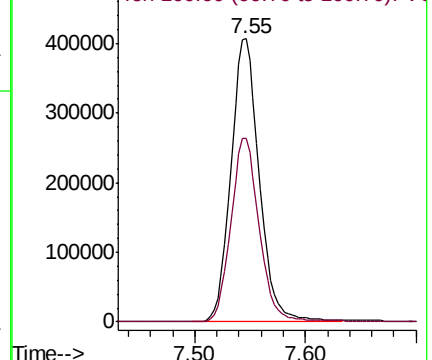
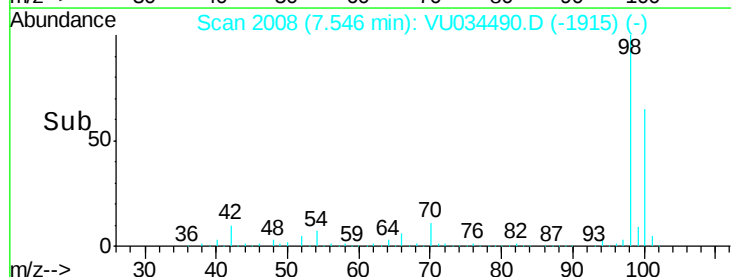
Ion Ratio Lower Upper

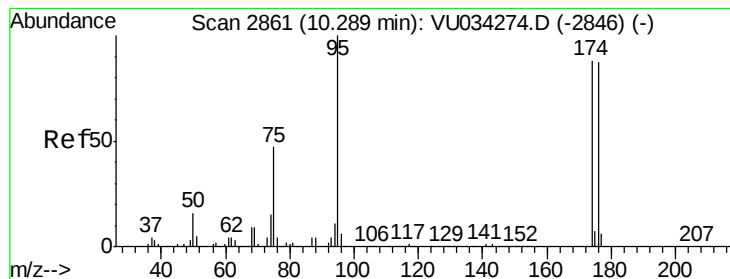
98 100

100 65.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034490.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 48.553 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034490.D

Acq: 11 Sep 2019 21:25

Instrument :

MSVOA_U

ClientSampled :

T11-C1-(4)

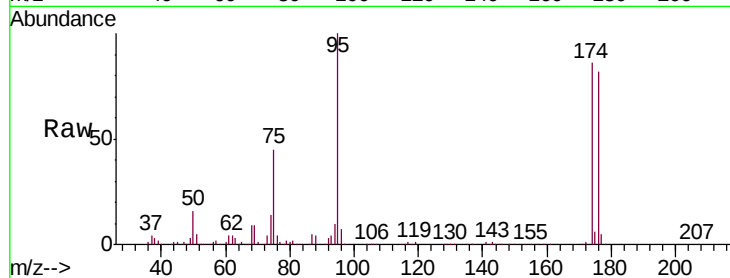
Tgt Ion: 95 Resp: 246663

Ion Ratio Lower Upper

95 100

174 88.6 0.0 175.2

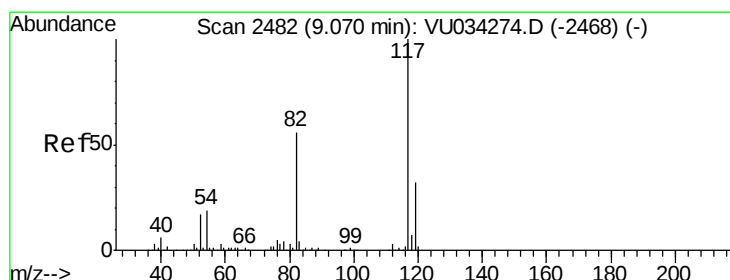
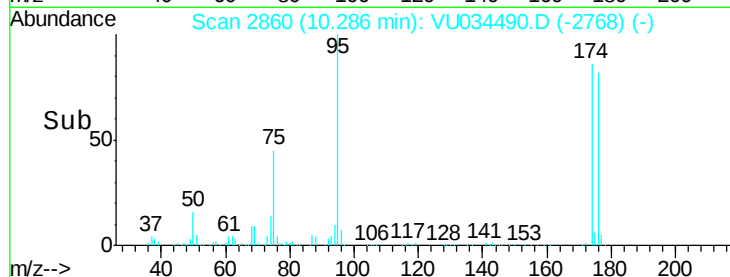
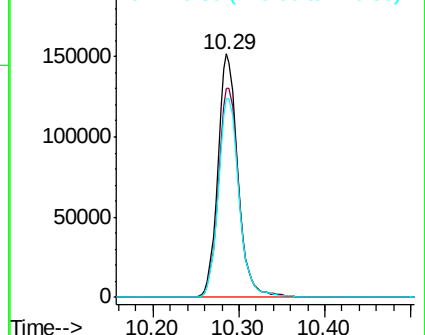
176 84.3 0.0 168.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2481

Delta R.T. -0.00 min

Lab File: VU034490.D

Acq: 11 Sep 2019 21:25

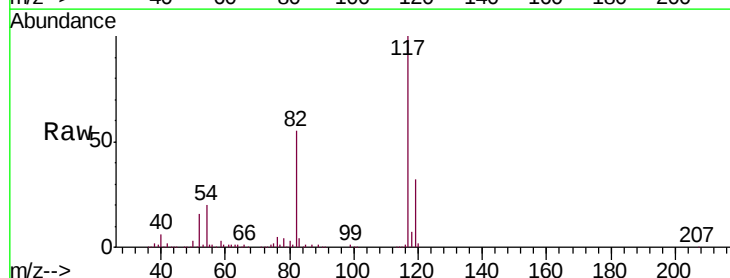
Tgt Ion: 117 Resp: 402617

Ion Ratio Lower Upper

117 100

82 54.6 44.6 67.0

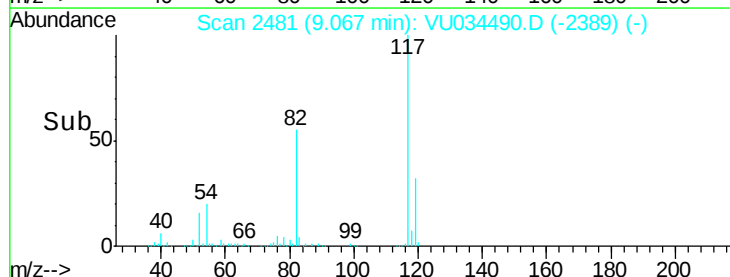
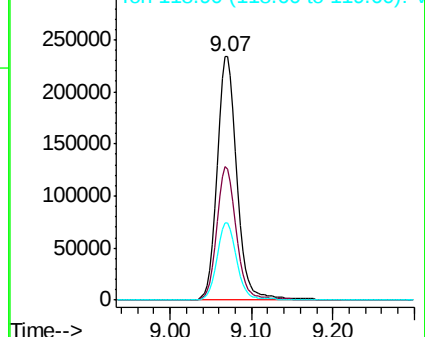
119 32.0 25.9 38.9

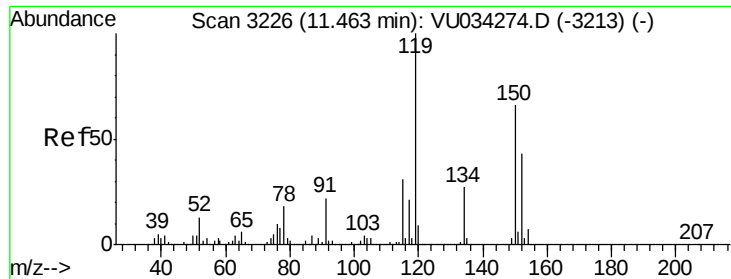


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034490.D

Acq: 11 Sep 2019 21:25

Instrument :

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ClientSampleId :

T11-C1-(4)

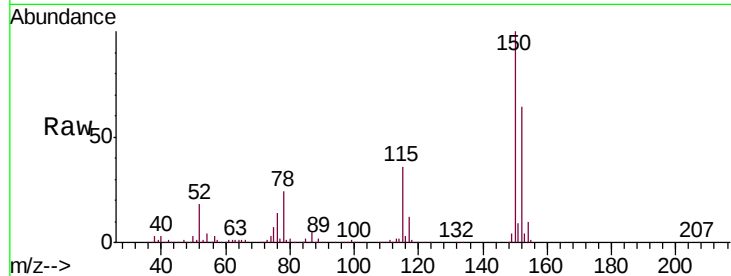
Tgt Ion:152 Resp: 219168

Ion Ratio Lower Upper

152 100

115 56.8 39.1 117.3

150 157.0 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

