

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU034000.D
 Acq On : 28 Aug 2019 03:27
 Operator : JC/SP
 Sample : K4516-32
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T2-S-B2-(2.5)

Quant Time: Aug 28 08:44:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 02:42:03 2019
 Response via : Initial Calibration

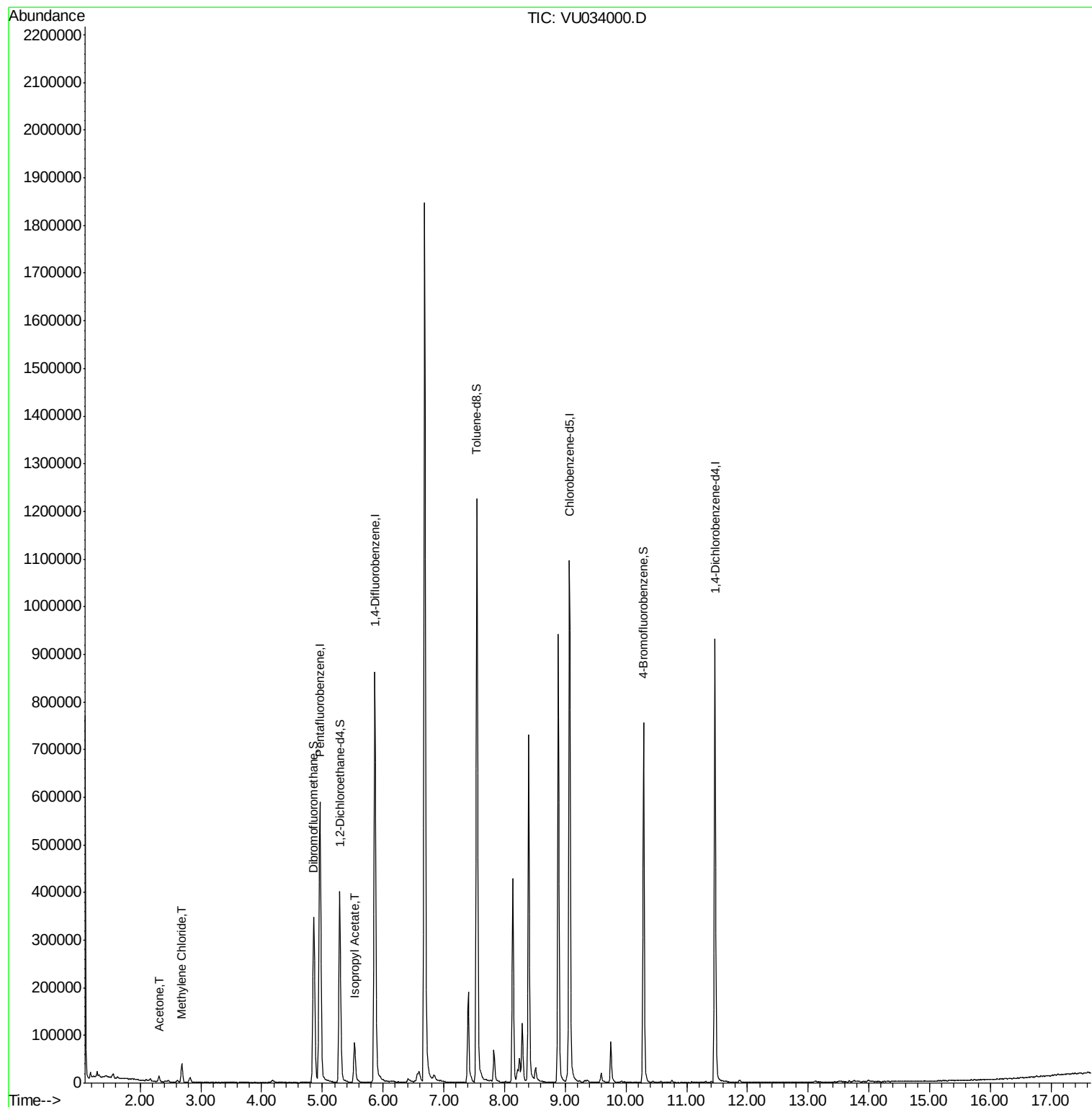
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	465490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	748249	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	637359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	268653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	312562	60.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.88%	
35) Dibromofluoromethane	4.86	113	244294	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	7.55	98	855630	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	10.29	95	255662	35.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.86%	
Target Compounds						
16) Acetone	2.31	43	13295	5.371	ug/l	94
20) Methylene Chloride	2.68	84	16413	3.125	ug/l	89
43) Isopropyl Acetate	5.53	43	99561	9.446	ug/l	95

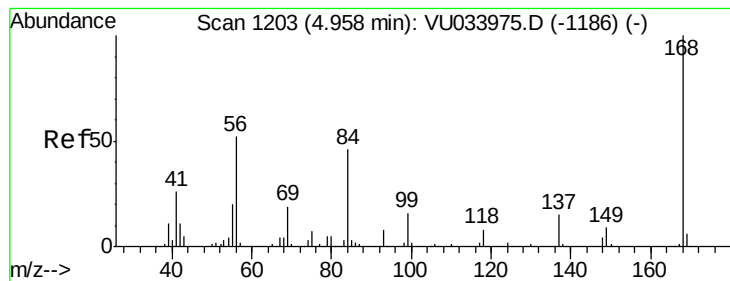
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 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: VU034000.D

Acq: 28 Aug 2019 03:27

Instrument :

MSVOA_U

ClientSampleId :

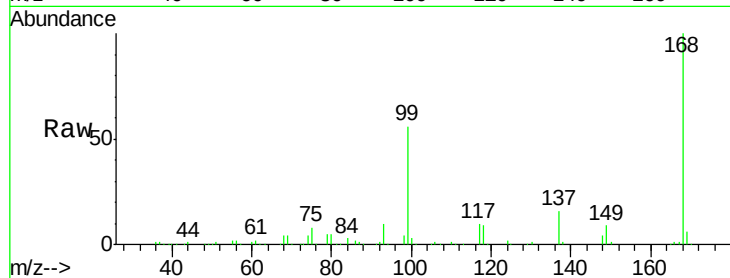
T2-S-B2-(2.5)

Tot Ion:168 Resp: 465490

Ion Ratio Lower Upper

168 100

99 56.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033975.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU033975.D (-1186) (-)

4.96

200000

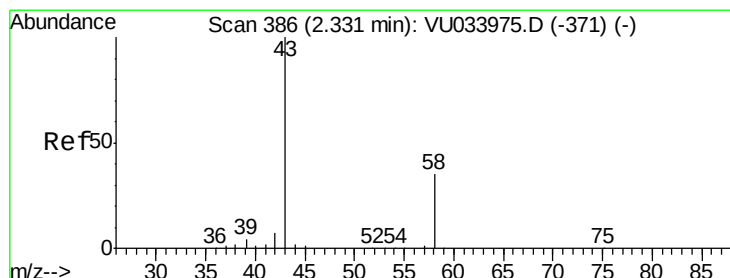
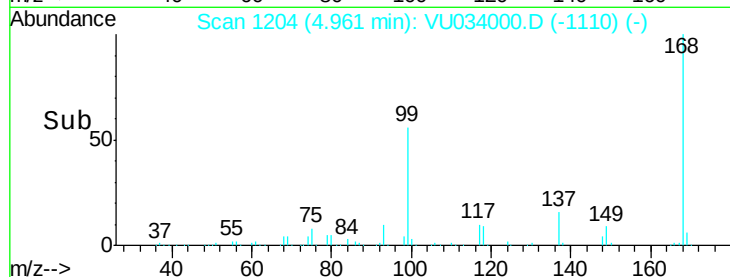
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.371 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU034000.D

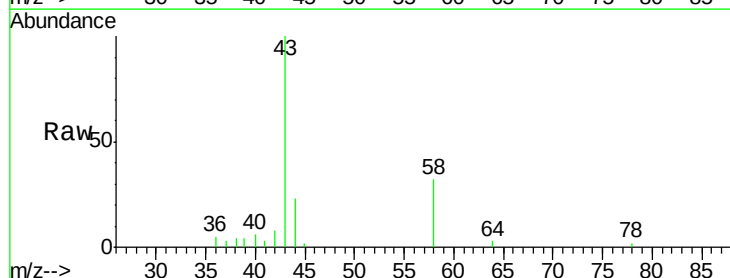
Acq: 28 Aug 2019 03:27

Tgt Ion: 43 Resp: 13295

Ion Ratio Lower Upper

43 100

58 31.5 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU033975.D (-371) (-)

2.31

8000

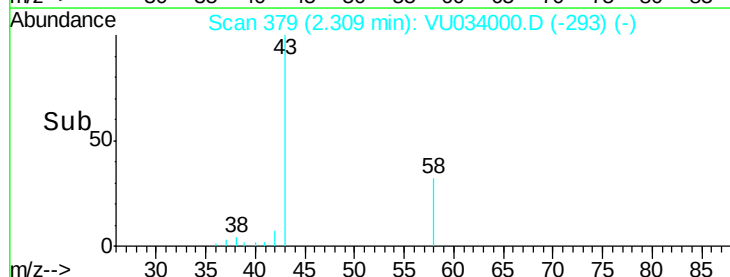
6000

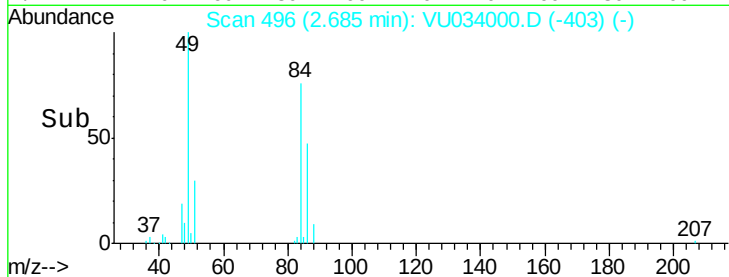
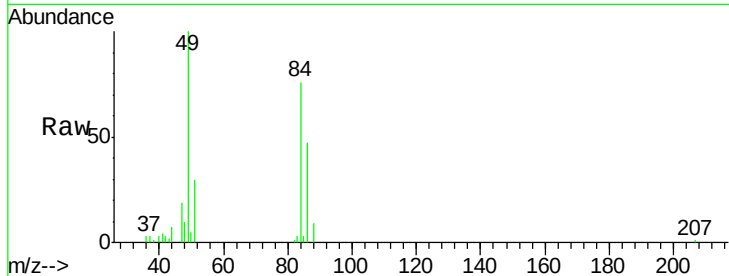
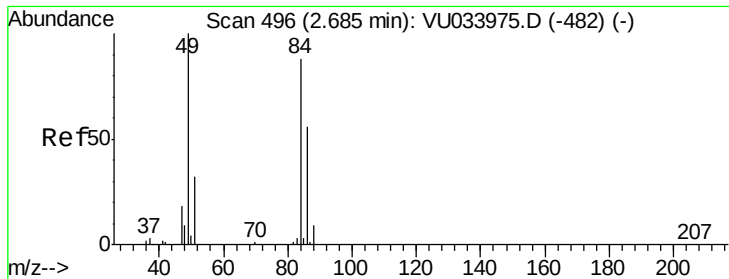
4000

2000

0

Time-->

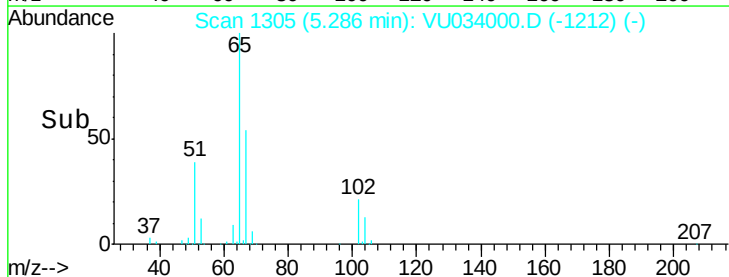
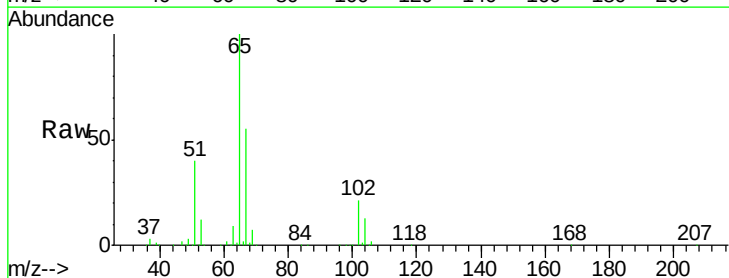
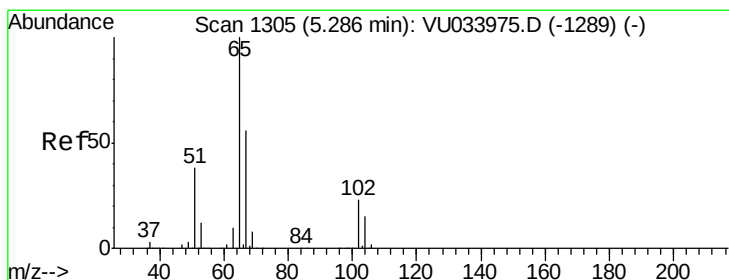
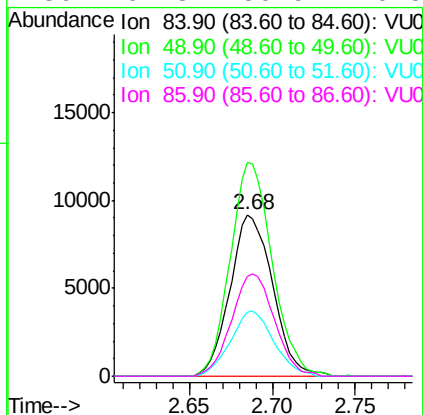




#20
Methylene Chloride
Concen: 3.125 ug/l
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034000.D
Acq: 28 Aug 2019 03:27

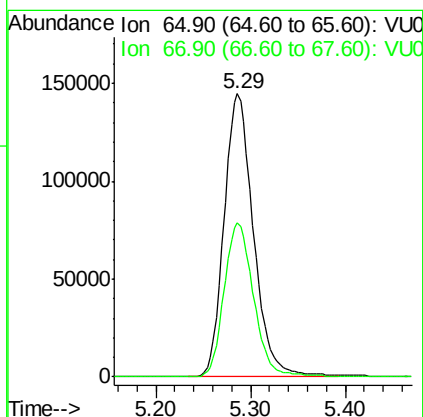
Instrument :
MSVOA_U
ClientSampleId :
T2-S-B2-(2.5)

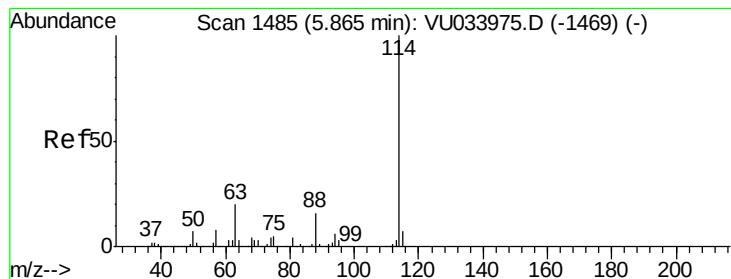
Tot Ion:	84	Resp:	16413
Ion	Ratio	Lower	Upper
84	100		
49	132.4	91.3	136.9
51	39.8	28.9	43.3
86	61.8	50.9	76.3



#33
1,2-Dichloroethane-d4
Concen: 60.441 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034000.D
Acq: 28 Aug 2019 03:27

Tgt Ion:	65	Resp:	312562
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034000.D

Acq: 28 Aug 2019 03:27

Instrument :

MSVOA_U

ClientSampleId :

T2-S-B2-(2.5)

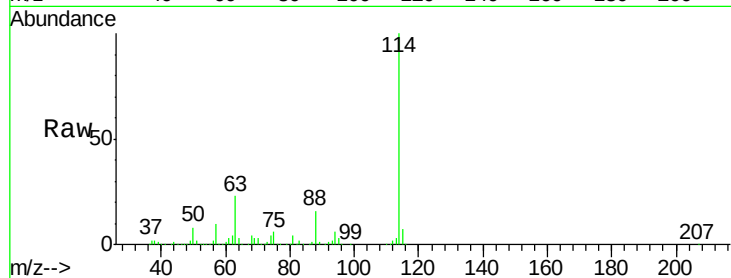
Tot Ion:114 Resp: 748249

Ion Ratio Lower Upper

114 100

63 22.6 0.0 39.0

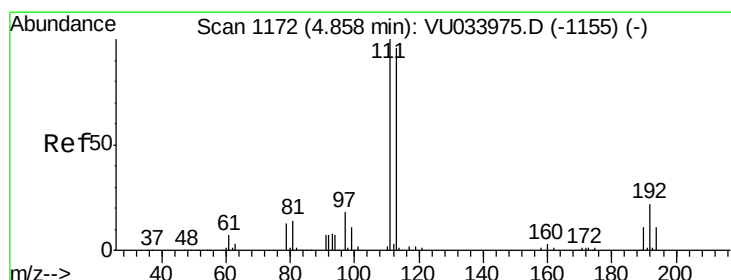
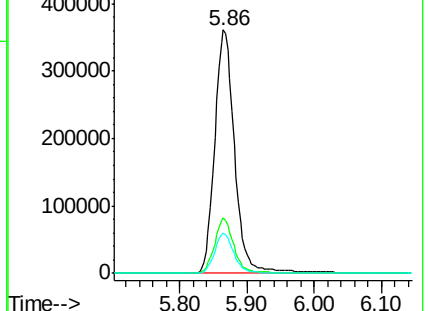
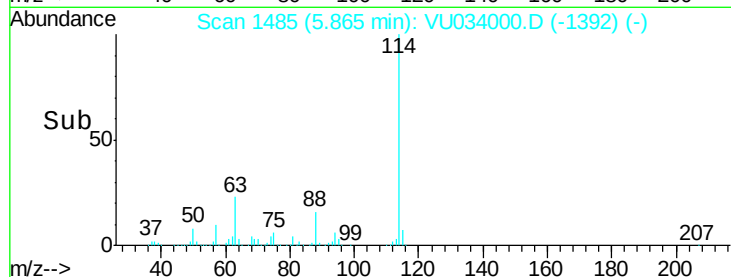
88 16.3 0.0 31.2



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: 48.570 ug/l

RT: 4.86 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU034000.D

Acq: 28 Aug 2019 03:27

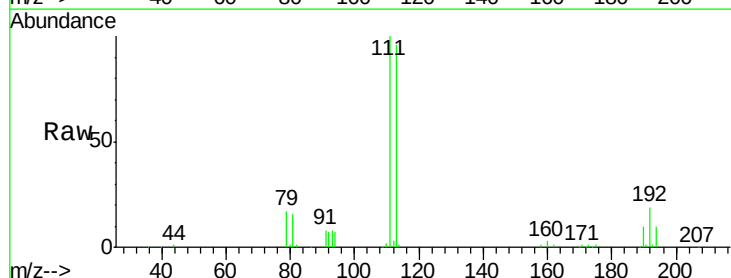
Tgt Ion:113 Resp: 244294

Ion Ratio Lower Upper

113 100

111 103.7 81.7 122.5

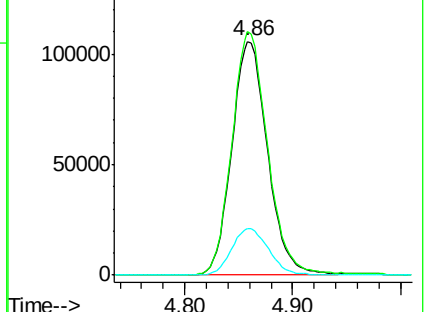
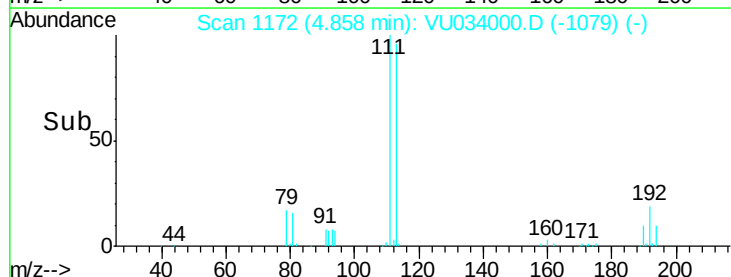
192 20.6 18.6 27.8

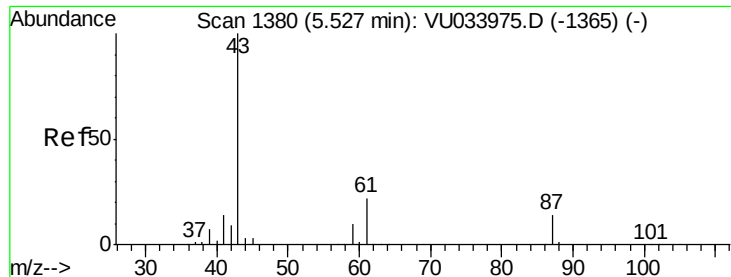


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

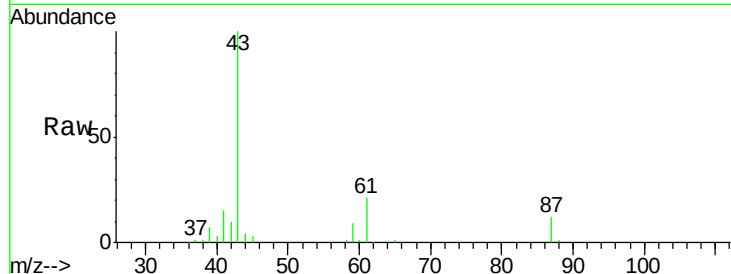




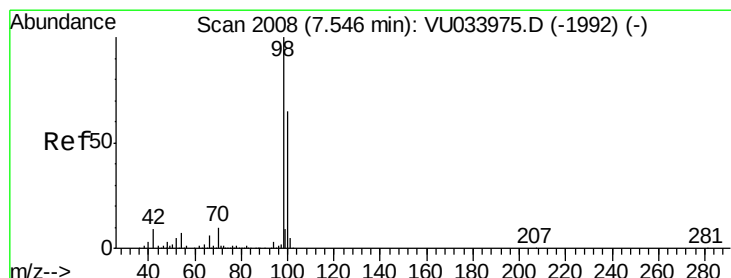
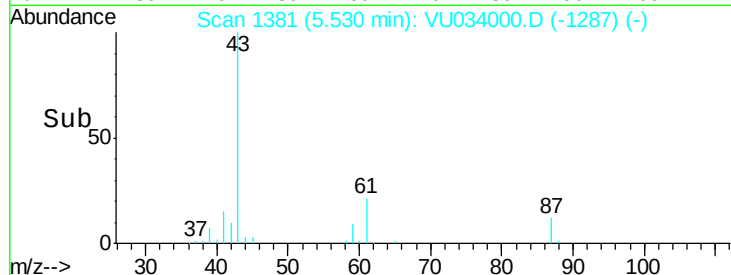
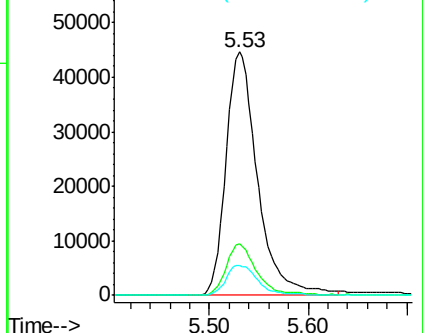
#43
Isopropyl Acetate
Concen: 9.446 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034000.D
Acq: 28 Aug 2019 03:27

Instrument :
MSVOA_U
ClientSampleId :
T2-S-B2-(2.5)

Tot Ion	43	61	87
Resp	99561		
Ratio	100	20.4	12.4
Lower		17.8	11.9
Upper		26.8	17.9

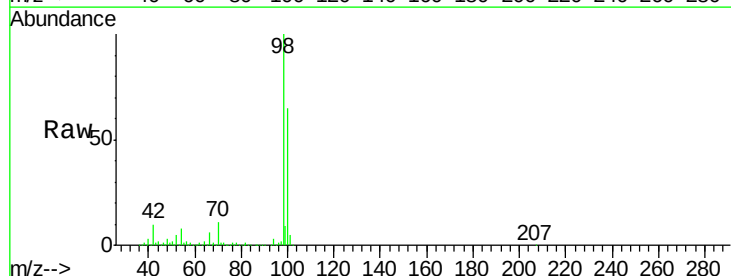


Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-1365) (-)

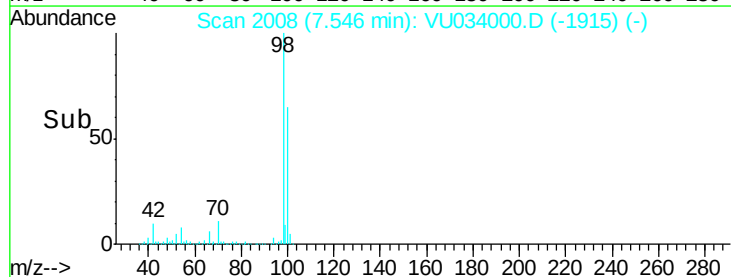
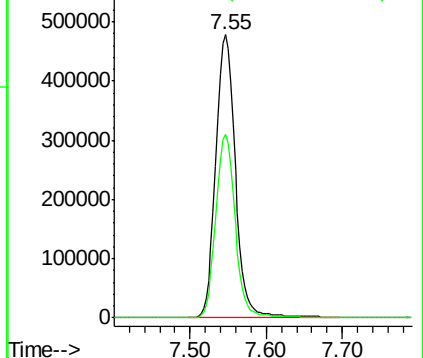


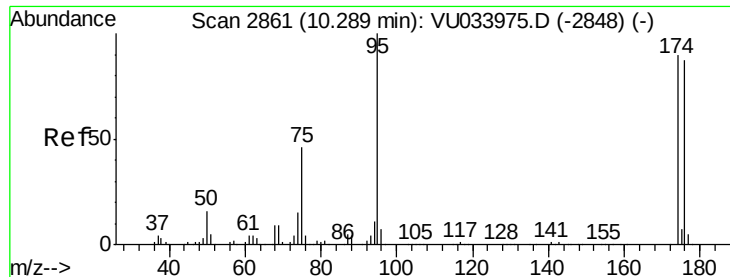
#50
Toluene-d8
Concen: 46.121 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034000.D
Acq: 28 Aug 2019 03:27

Tgt Ion	98	100
Resp	855630	
Ratio	100	64.4
Lower		51.5
Upper		77.3



Abundance Ion 98.00 (97.70 to 98.70): VU033975.D (-1992) (-)





#62

4-Bromofluorobenzene

Concen: 35.926 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034000.D

Acq: 28 Aug 2019 03:27

Instrument :

MSVOA_U

ClientSampleId :

T2-S-B2-(2.5)

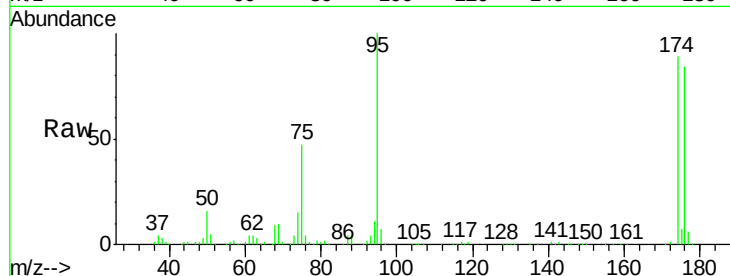
Tot Ion: 95 Resp: 255662

Ion Ratio Lower Upper

95 100

174 90.4 0.0 183.8

176 86.8 0.0 176.4

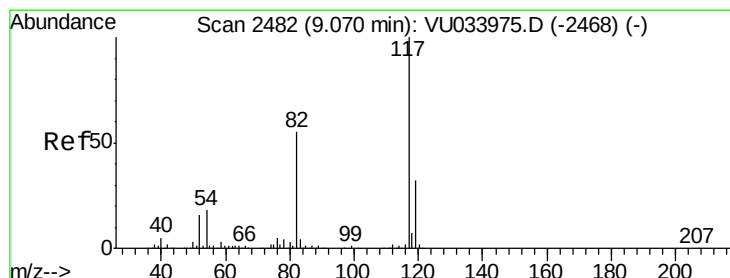
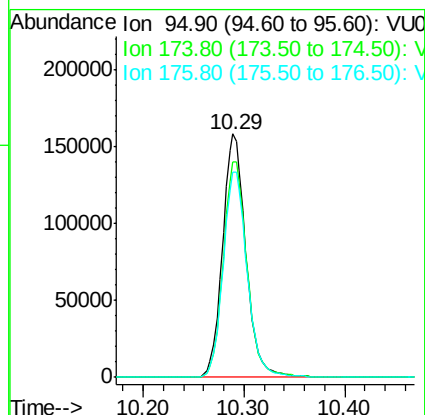
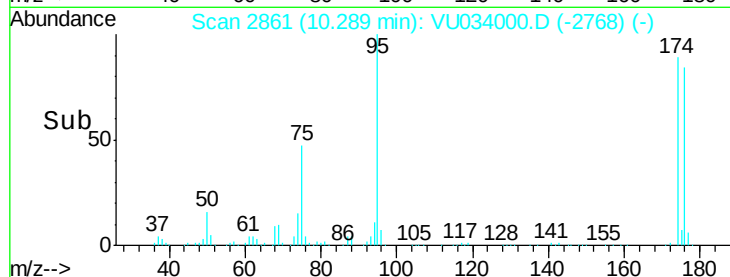


Abundance Ion 94.90 (94.60 to 95.60): VU033975.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU033975.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU033975.D (-2848) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034000.D

Acq: 28 Aug 2019 03:27

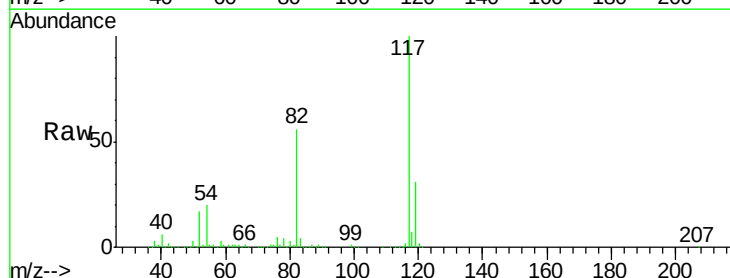
Tgt Ion: 117 Resp: 637359

Ion Ratio Lower Upper

117 100

82 55.9 43.8 65.8

119 31.2 25.7 38.5

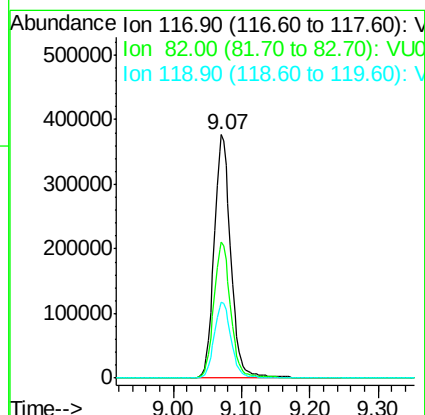
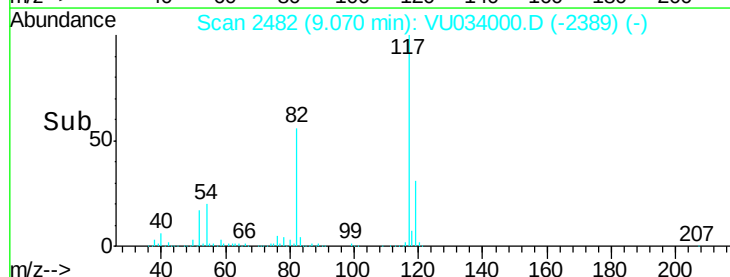


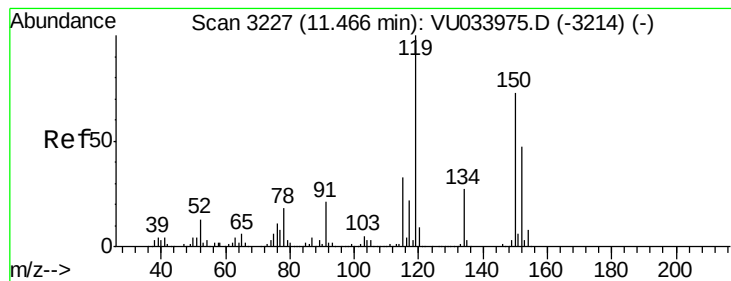
Abundance Ion 116.90 (116.60 to 117.60): VU033975.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU033975.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU033975.D (-2468) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034000.D

Acq: 28 Aug 2019 03:27

Instrument :

MSVOA_U

ClientSampleId :

T2-S-B2-(2.5)

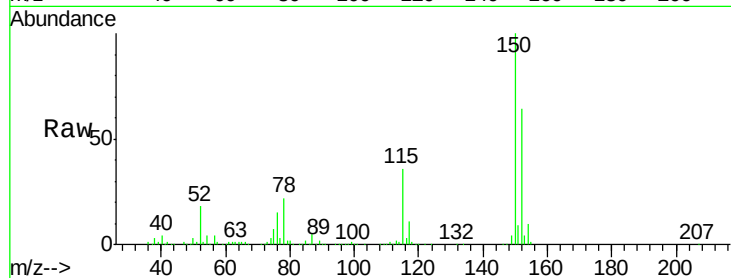
Tot Ion:152 Resp: 268653

Ion Ratio Lower Upper

152 100

115 55.2 38.6 115.7

150 154.7 0.0 343.8



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

