

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU034002.D
 Acq On : 28 Aug 2019 04:15
 Operator : JC/SP
 Sample : K4516-34
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T2-S-B3-(2.5)

Quant Time: Aug 28 08:44:36 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

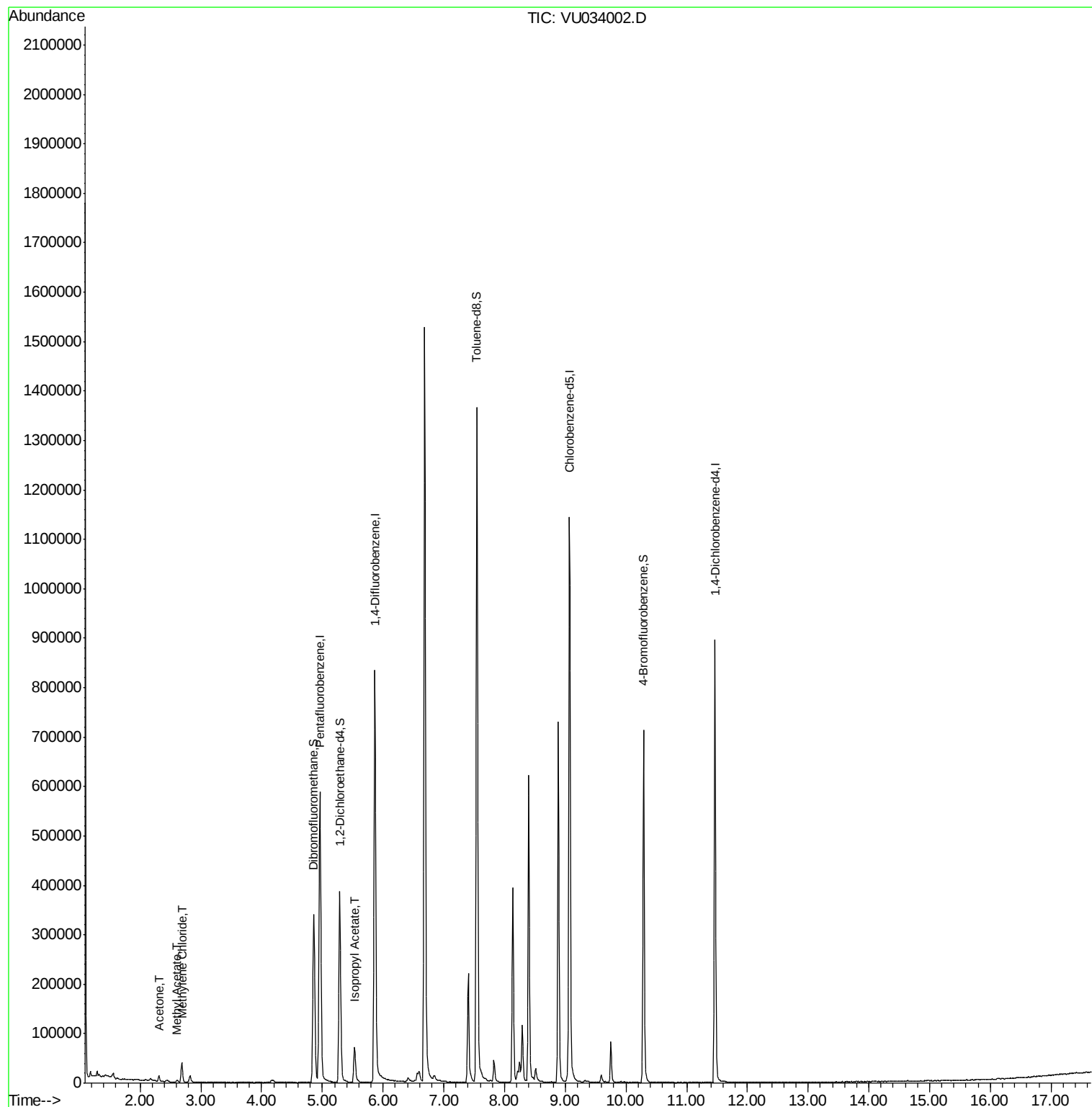
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	453554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	711036	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	656502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	254598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	306640	60.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.72%	
35) Dibromofluoromethane	4.86	113	242241	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
50) Toluene-d8	7.55	98	934839	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	10.29	95	238699	35.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.60%	
Target Compounds						
16) Acetone	2.31	43	13019	5.398	ug/l	96
18) Methyl Acetate	2.61	43	6793	1.144	ug/l #	84
20) Methylene Chloride	2.69	84	17178	3.357	ug/l	91
43) Isopropyl Acetate	5.53	43	86382	8.625	ug/l	95

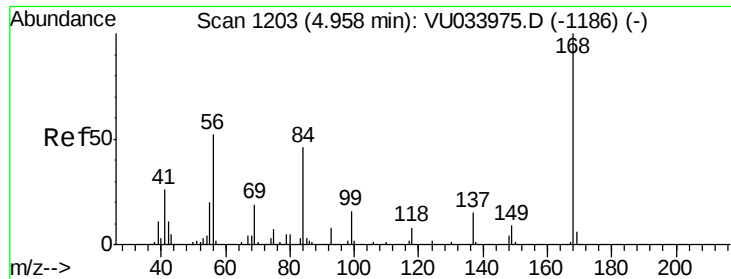
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034002.D

Acq: 28 Aug 2019 04:15

Instrument :

MSVOA_U

ClientSampleId :

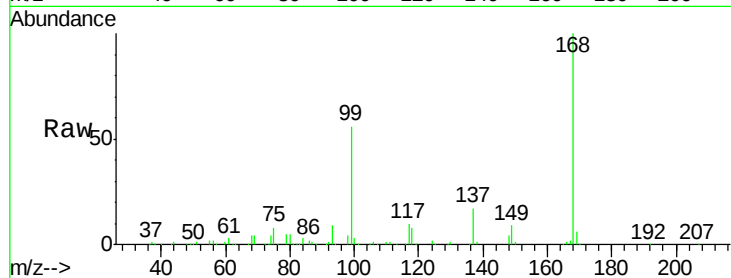
T2-S-B3-(2.5)

Tot Ion:168 Resp: 453554

Ion Ratio Lower Upper

168 100

99 56.5 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

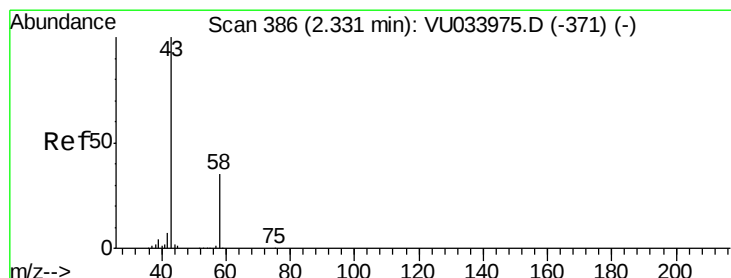
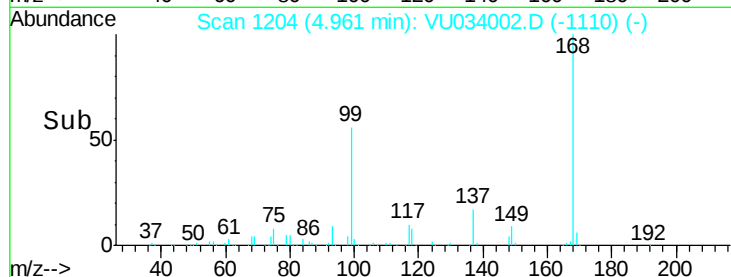
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.398 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU034002.D

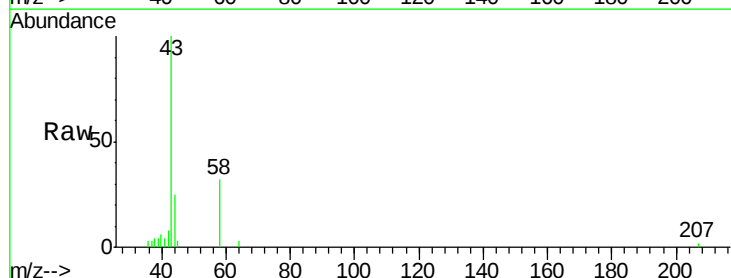
Acq: 28 Aug 2019 04:15

Tgt Ion: 43 Resp: 13019

Ion Ratio Lower Upper

43 100

58 32.4 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

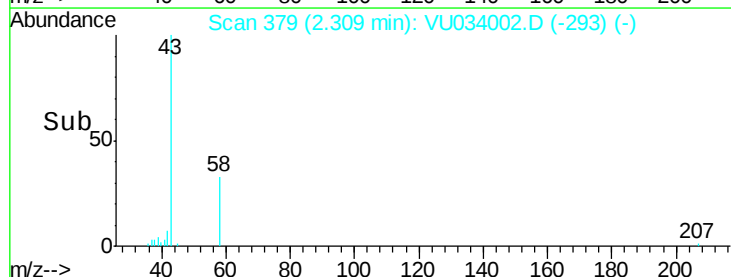
6000

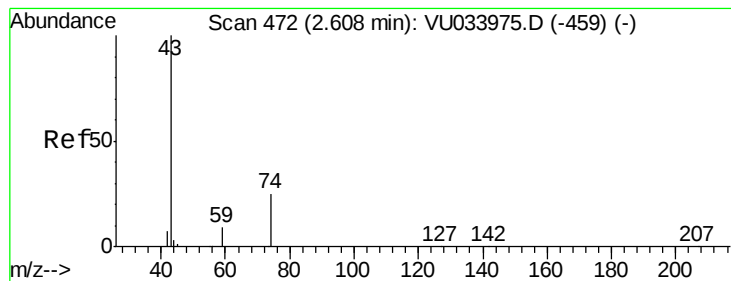
4000

2000

0

Time-->





#18

Methvl Acetate

Concen: 1.144 ug/l

RT: 2.61 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU034002.D

Acq: 28 Aug 2019 04:15

Instrument :

MSVOA_U

ClientSampleId :

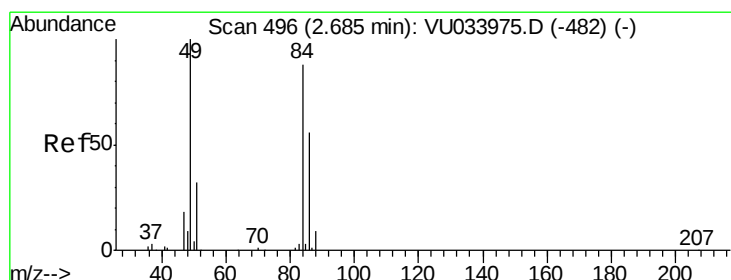
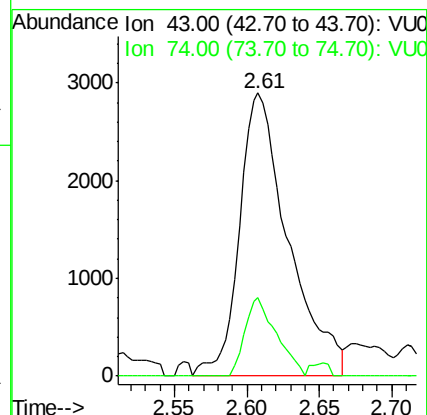
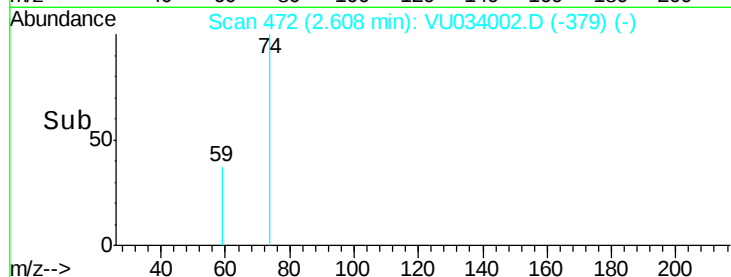
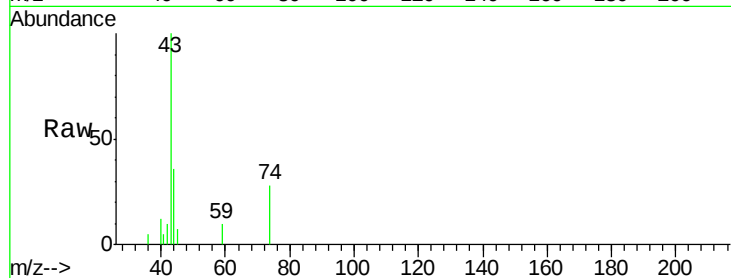
T2-S-B3-(2.5)

Tot Ion: 43 Resp: 6793

Ion Ratio Lower Upper

43 100

74 17.7 20.5 30.7#



#20

Methylene Chloride

Concen: 3.357 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU034002.D

Acq: 28 Aug 2019 04:15

Tgt Ion: 84 Resp: 17178

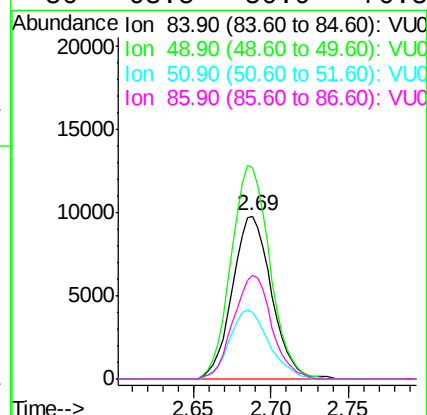
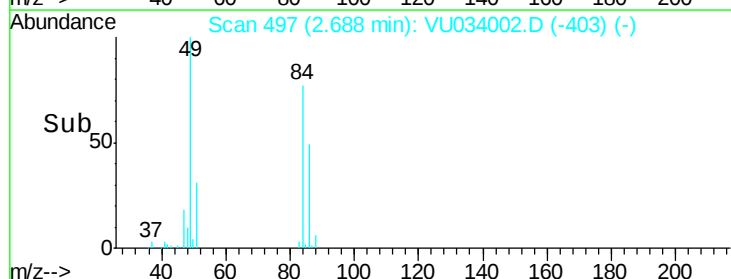
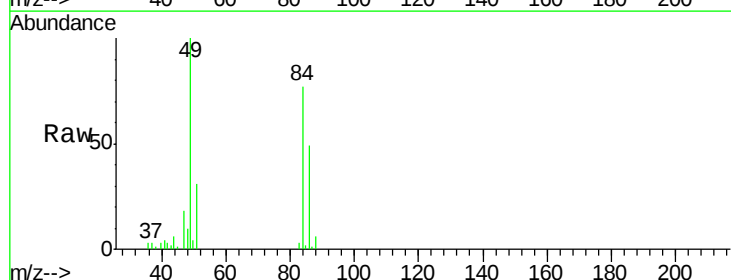
Ion Ratio Lower Upper

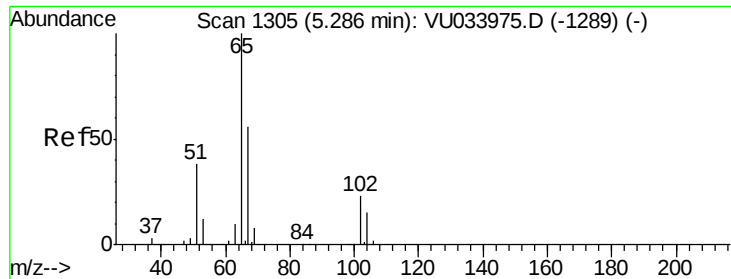
84 100

49 129.6 91.3 136.9

51 40.8 28.9 43.3

86 63.5 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 60.856 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034002.D

Acq: 28 Aug 2019 04:15

Instrument :

MSVOA_U

ClientSampleId :

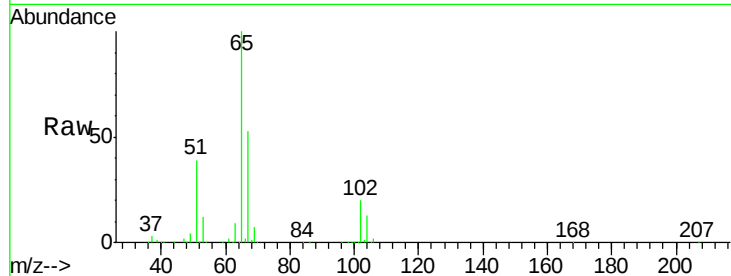
T2-S-B3-(2.5)

Tot Ion: 65 Resp: 306640

Ion Ratio Lower Upper

65 100

67 53.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU033975.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU033975.D (-1289) (-)

5.29

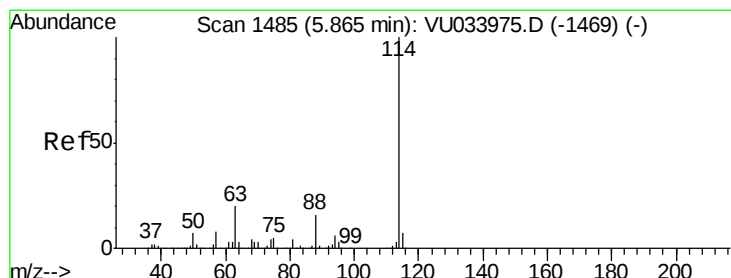
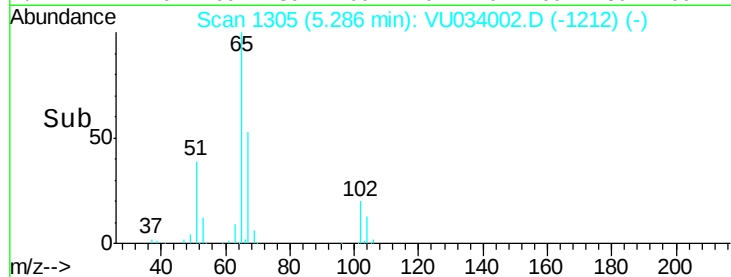
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034002.D

Acq: 28 Aug 2019 04:15

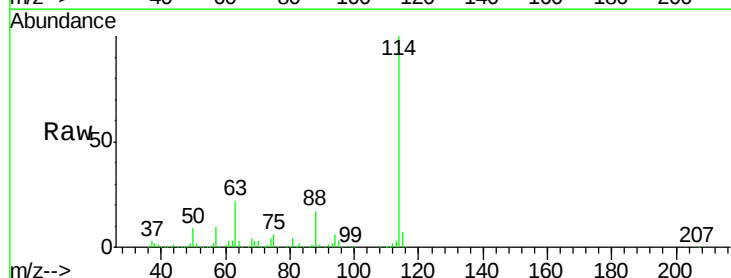
Tgt Ion: 114 Resp: 711036

Ion Ratio Lower Upper

114 100

63 22.5 0.0 39.0

88 16.6 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VU033975.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU033975.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU033975.D (-1469) (-)

5.86

400000

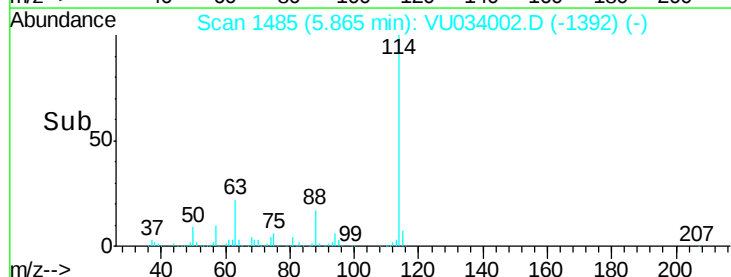
300000

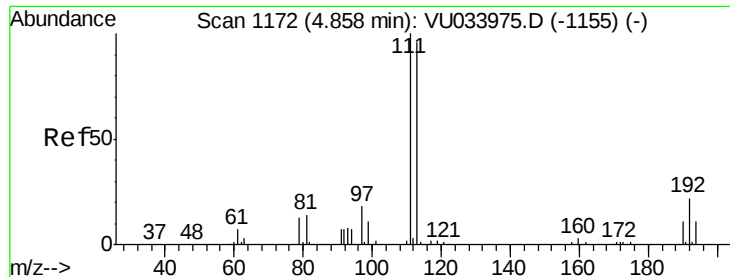
200000

100000

0

Time-->

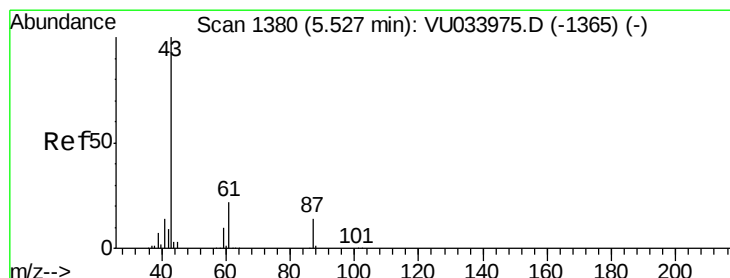
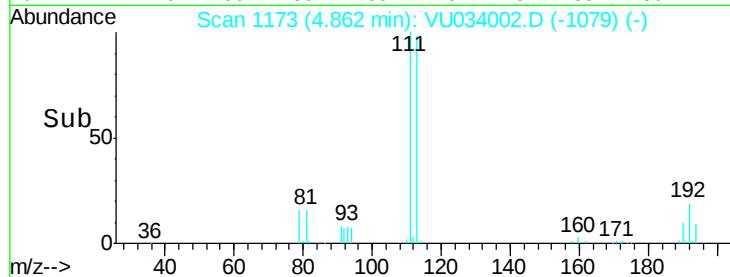
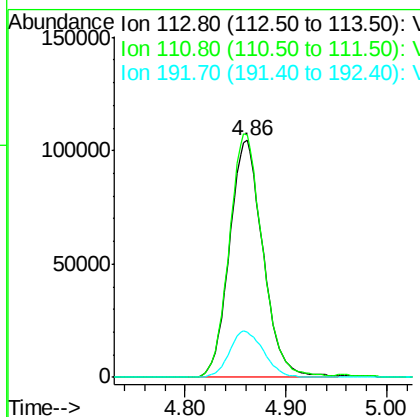
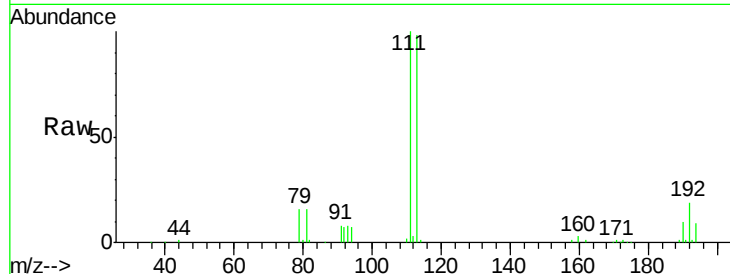




#35
 Dibromofluoromethane
 Concen: 50.683 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034002.D
 Acq: 28 Aug 2019 04:15

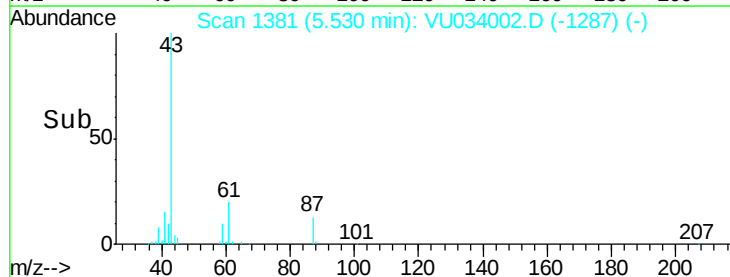
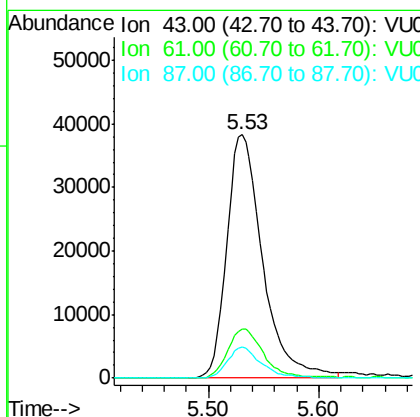
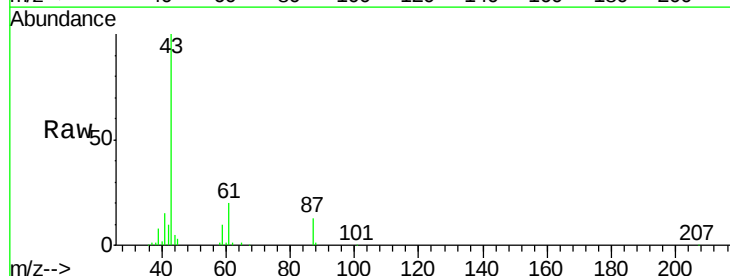
Instrument :
 MSVOA_U
 ClientSampleId :
 T2-S-B3-(2.5)

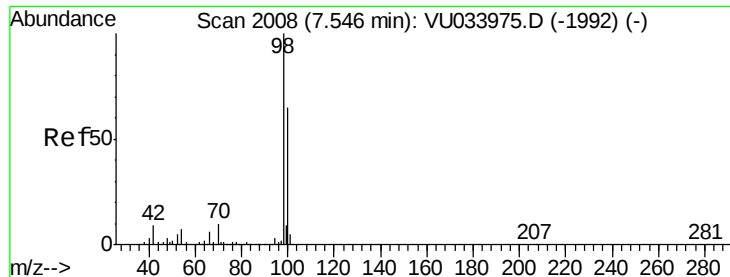
Tot Ion:113 Resp: 242241
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 20.1 18.6 27.8



#43
 Isopropyl Acetate
 Concen: 8.625 ug/l
 RT: 5.53 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VU034002.D
 Acq: 28 Aug 2019 04:15

Tgt Ion: 43 Resp: 86382
 Ion Ratio Lower Upper
 43 100
 61 20.1 17.8 26.8
 87 12.1 11.9 17.9

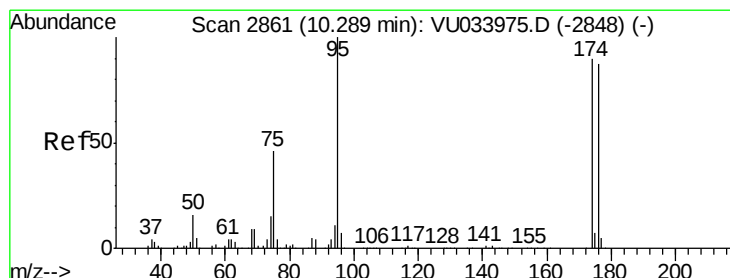
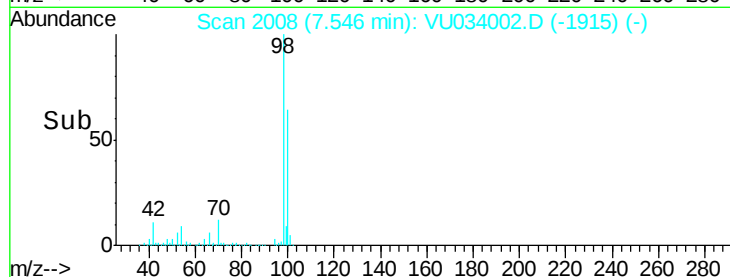
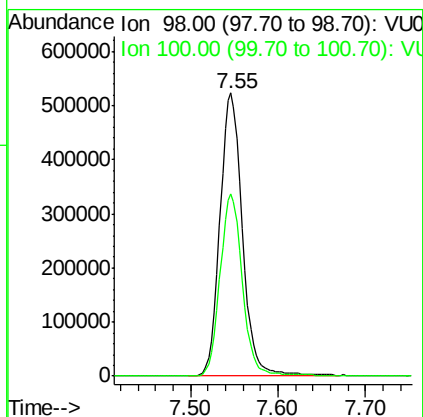
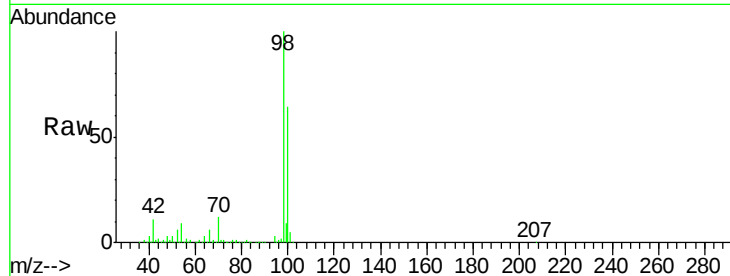




#50
Toluene-d8
Concen: 53.028 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034002.D
Acq: 28 Aug 2019 04:15

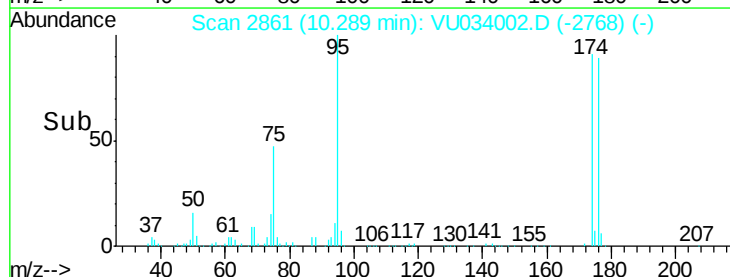
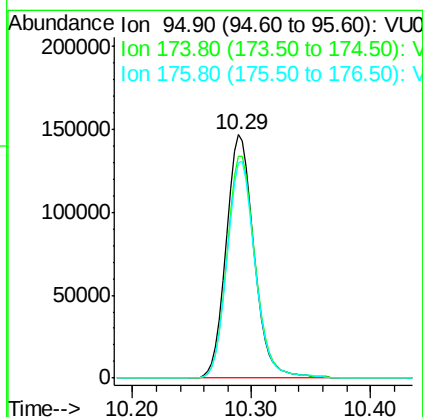
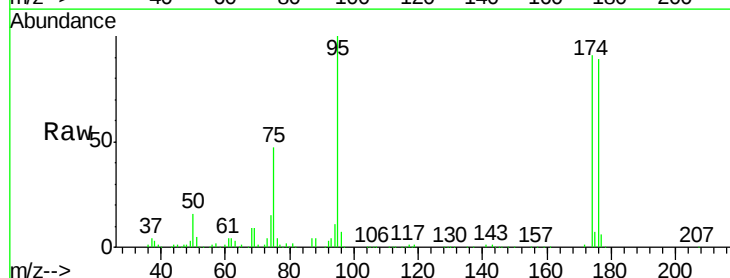
Instrument :
MSVOA_U
ClientSampleId :
T2-S-B3-(2.5)

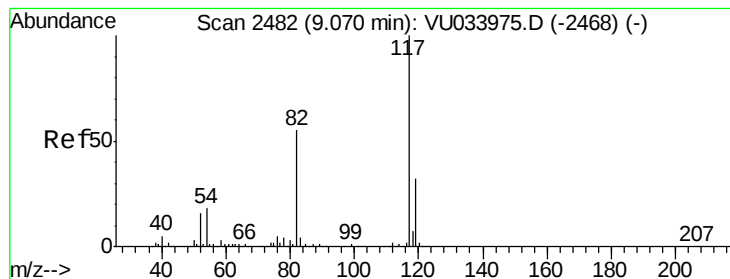
Tot Ion: 98 Resp: 934839
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 35.297 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034002.D
Acq: 28 Aug 2019 04:15

Tgt Ion: 95 Resp: 238699
Ion Ratio Lower Upper
95 100
174 93.0 0.0 183.8
176 89.8 0.0 176.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034002.D

Acq: 28 Aug 2019 04:15

Instrument :

MSVOA_U

ClientSampleId :

T2-S-B3-(2.5)

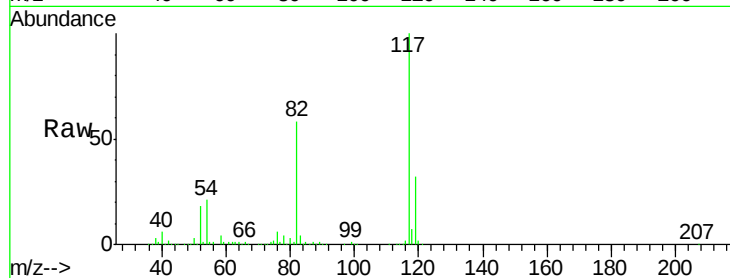
Tot Ion:117 Resp: 656502

Ion Ratio Lower Upper

117 100

82 58.3 43.8 65.8

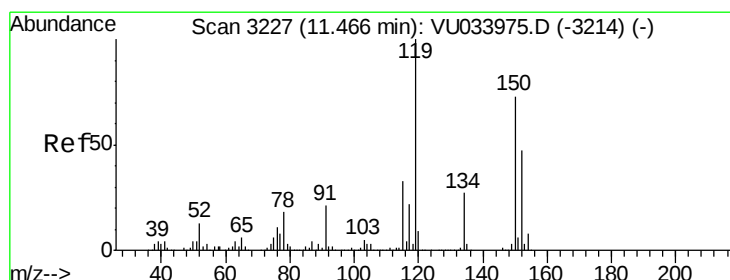
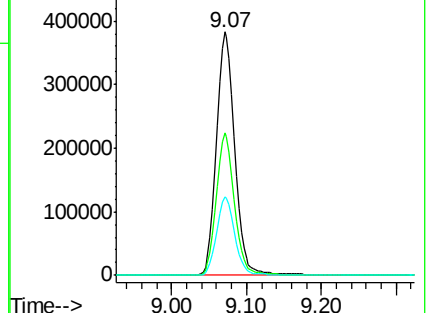
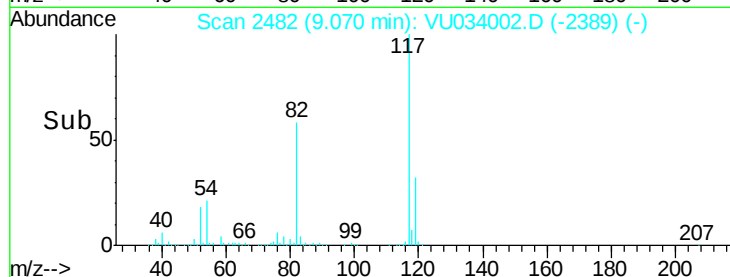
119 32.3 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VU034002.D

Acq: 28 Aug 2019 04:15

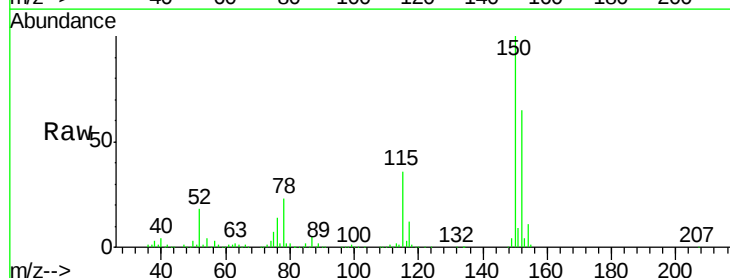
Tgt Ion:152 Resp: 254598

Ion Ratio Lower Upper

152 100

115 55.5 38.6 115.7

150 156.9 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

