

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU034004.D
 Acq On : 28 Aug 2019 05:03
 Operator : JC/SP
 Sample : K4516-36
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T2-S-B4-(2.5)

Quant Time: Aug 28 08:44:59 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

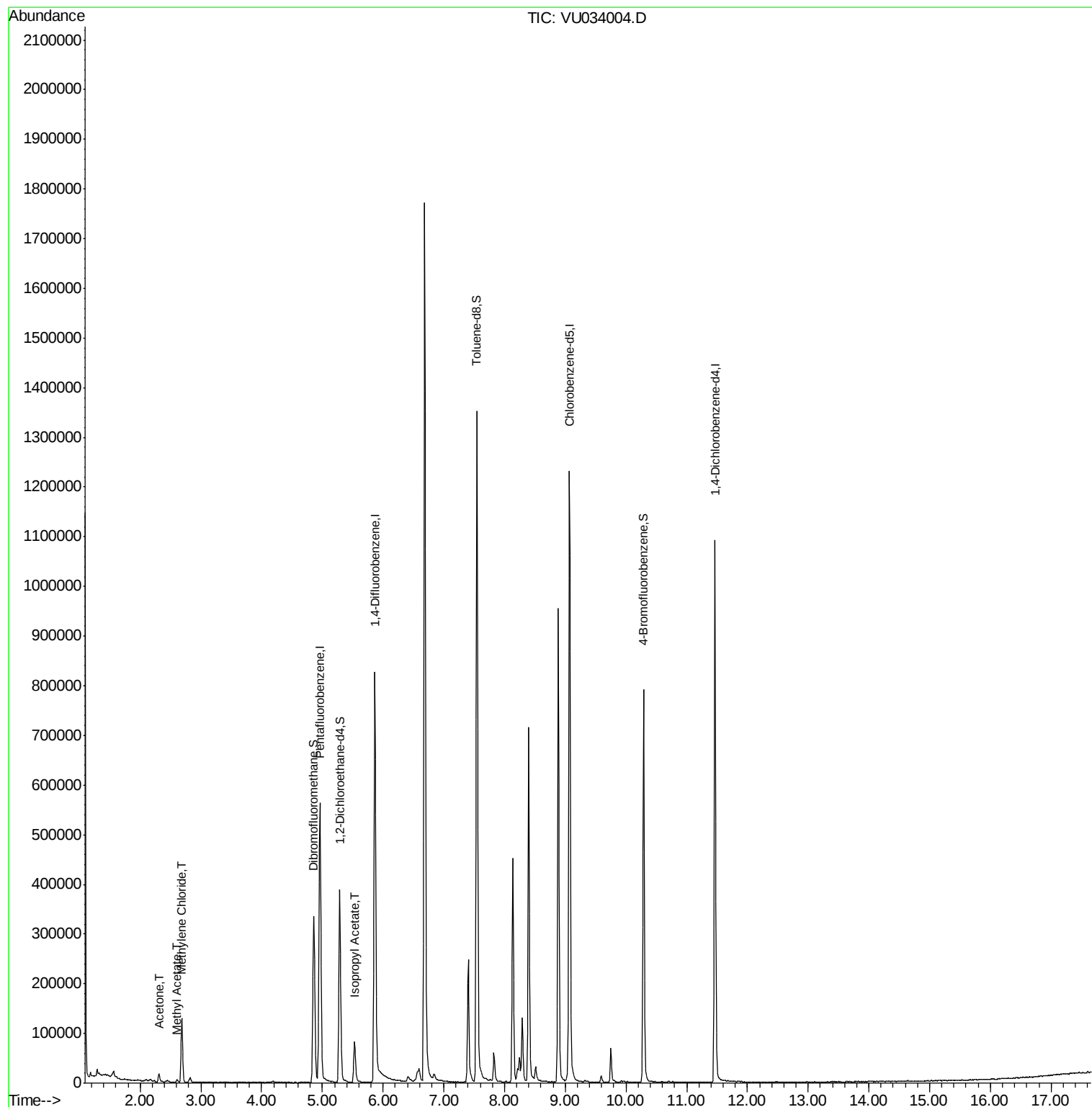
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	440120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	694230	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	686701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	289511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	303512	62.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.14%	
35) Dibromofluoromethane	4.86	113	236217	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
50) Toluene-d8	7.55	98	928489	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
62) 4-Bromofluorobenzene	10.29	95	272142	41.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.44%	
Target Compounds						
16) Acetone	2.31	43	17036	7.279	ug/l	97
18) Methyl Acetate	2.61	43	7747	1.344	ug/l #	86
20) Methylene Chloride	2.69	84	56067	11.291	ug/l	93
43) Isopropyl Acetate	5.53	43	97086	9.928	ug/l	94

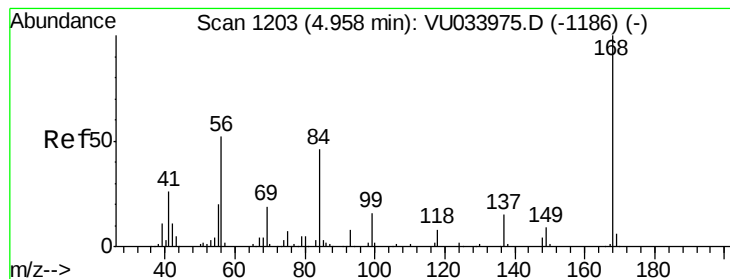
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034004.D

Acq: 28 Aug 2019 05:03

Instrument :

MSVOA_U

ClientSampleId :

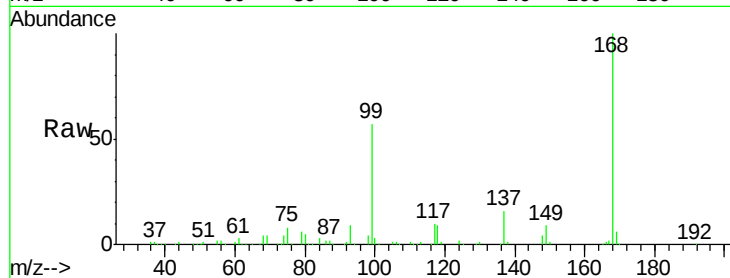
T2-S-B4-(2.5)

Tot Ion:168 Resp: 440120

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

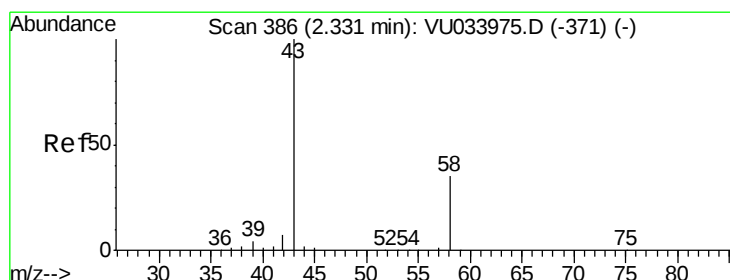
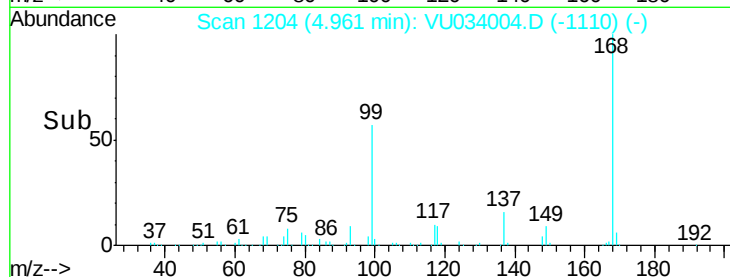
150000

100000

50000

0

Time--> 4.85 4.90 4.95 5.00 5.05



#16

Acetone

Concen: 7.279 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU034004.D

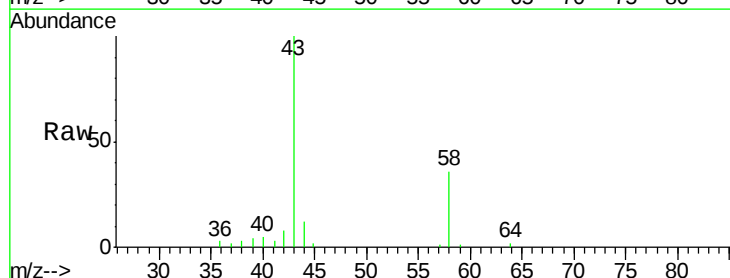
Acq: 28 Aug 2019 05:03

Tgt Ion: 43 Resp: 17036

Ion Ratio Lower Upper

43 100

58 36.8 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

12000

10000

8000

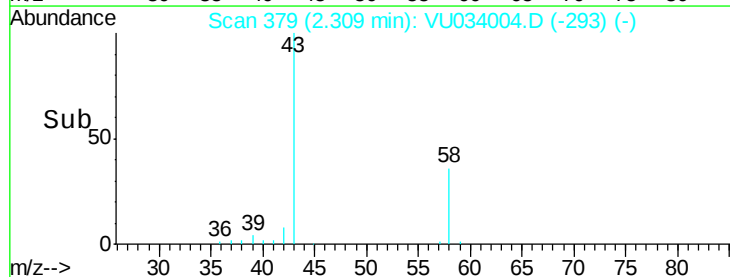
6000

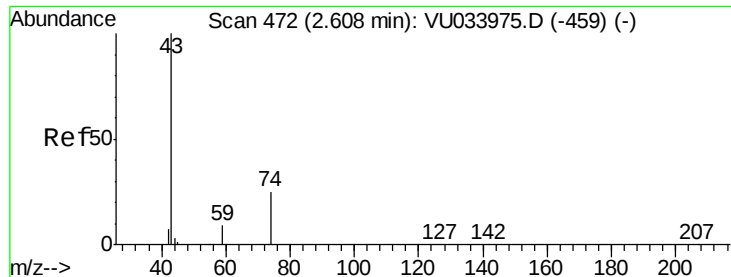
4000

2000

0

Time--> 2.25 2.30 2.35 2.40

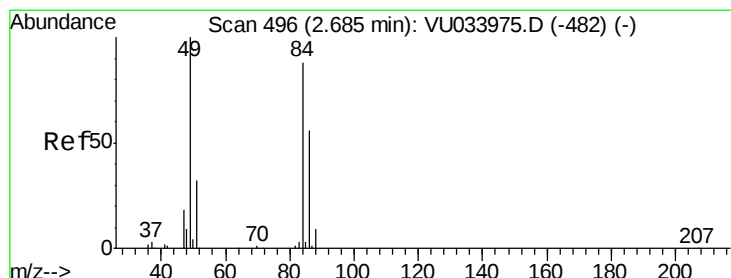
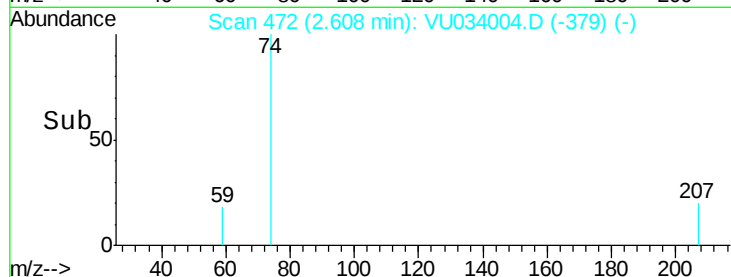
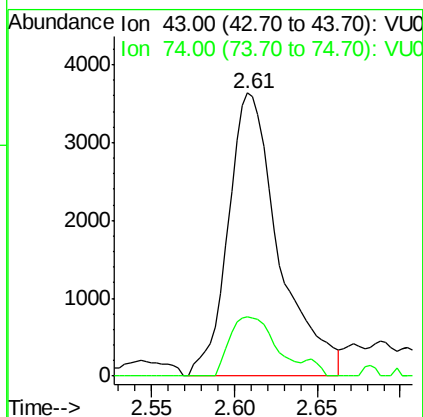
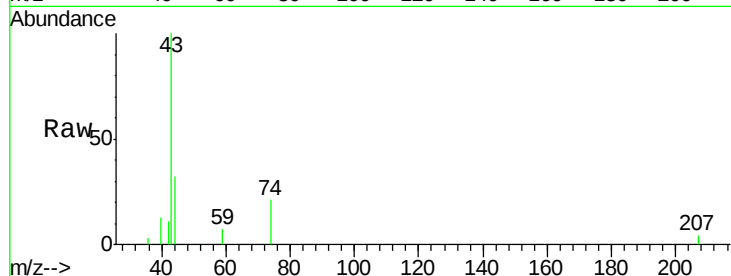




#18
Methvl Acetate
Concen: 1.344 ug/l
RT: 2.61 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU034004.D
Acq: 28 Aug 2019 05:03

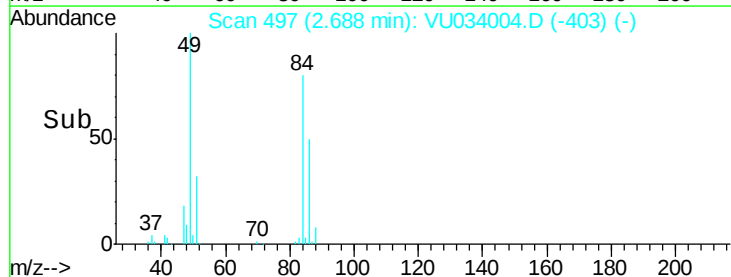
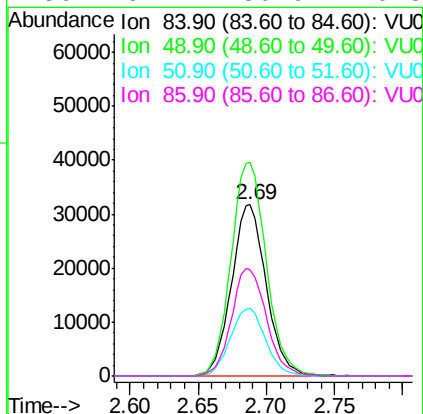
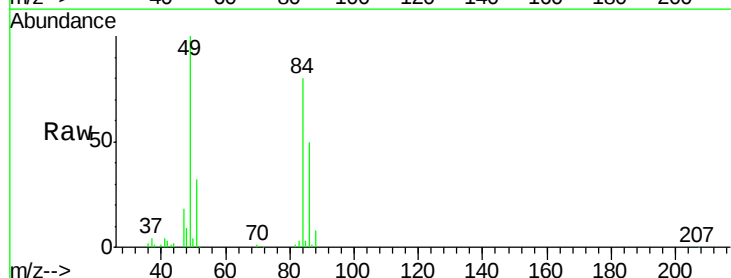
Instrument :
MSVOA_U
ClientSampleId :
T2-S-B4-(2.5)

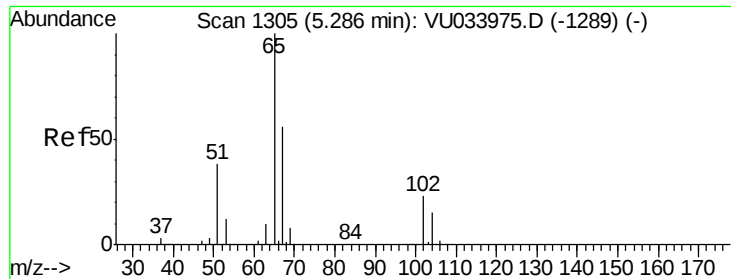
Tot Ion: 43 Resp: 7747
Ion Ratio Lower Upper
43 100
74 18.7 20.5 30.7#



#20
Methylene Chloride
Concen: 11.291 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034004.D
Acq: 28 Aug 2019 05:03

Tgt Ion: 84 Resp: 56067
Ion Ratio Lower Upper
84 100
49 124.7 91.3 136.9
51 39.4 28.9 43.3
86 62.2 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 62.074 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034004.D

Acq: 28 Aug 2019 05:03

Instrument :

MSVOA_U

ClientSampleId :

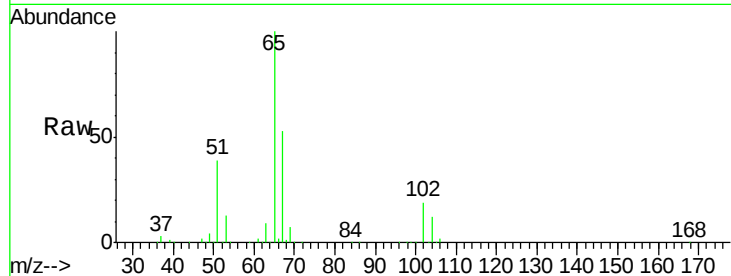
T2-S-B4-(2.5)

Tot Ion: 65 Resp: 303512

Ion Ratio Lower Upper

65 100

67 53.5 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

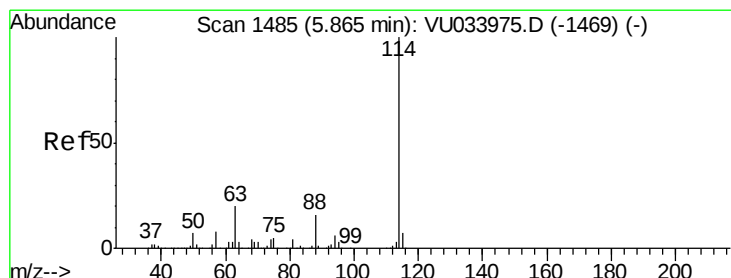
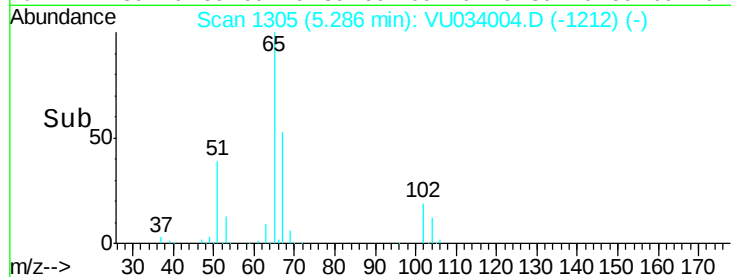
100000

50000

0

Time-->

5.20 5.30 5.40 5.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034004.D

Acq: 28 Aug 2019 05:03

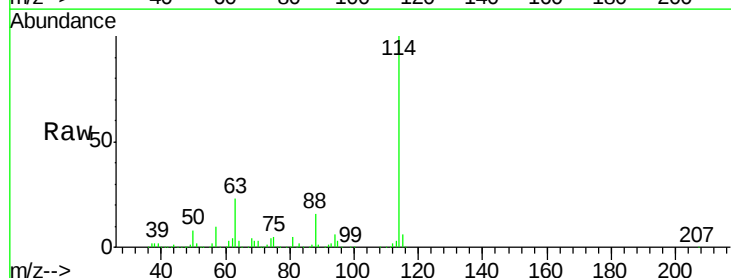
Tgt Ion: 114 Resp: 694230

Ion Ratio Lower Upper

114 100

63 22.5 0.0 39.0

88 16.4 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

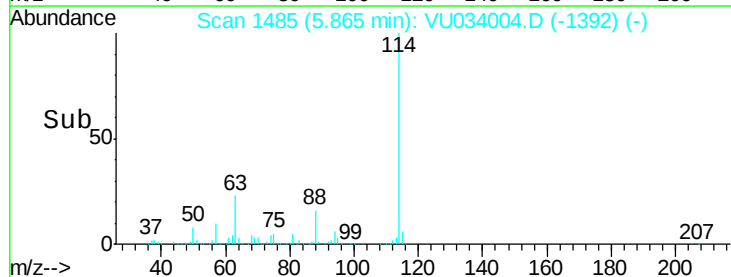
200000

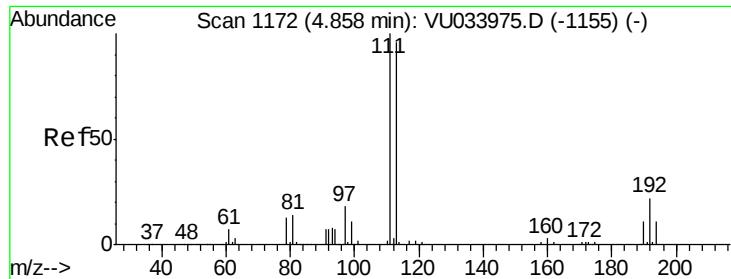
100000

0

Time-->

5.80 5.85 5.90 5.95





#35

Dibromofluoromethane

Concen: 50.619 ug/l

RT: 4.86 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU034004.D

Acq: 28 Aug 2019 05:03

Instrument :

MSVOA_U

ClientSampleId :

T2-S-B4-(2.5)

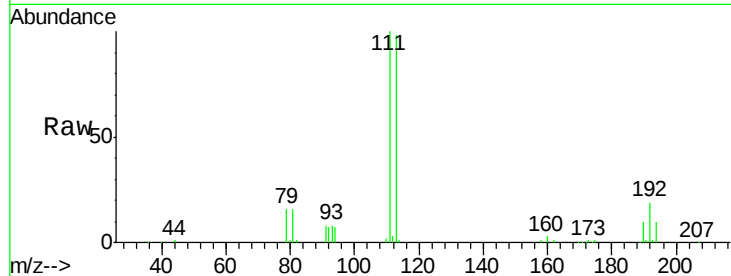
Tot Ion:113 Resp: 236217

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

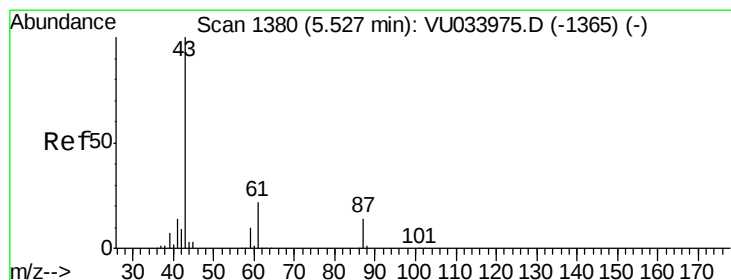
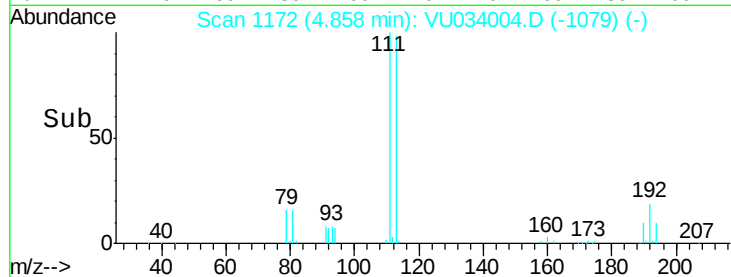
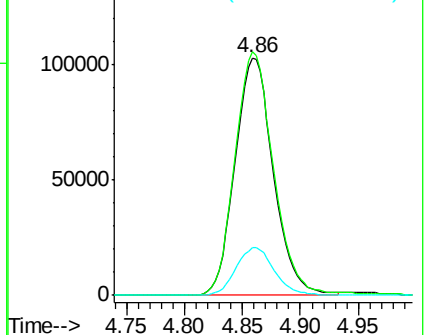
192 20.4 18.6 27.8



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: 9.928 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034004.D

Acq: 28 Aug 2019 05:03

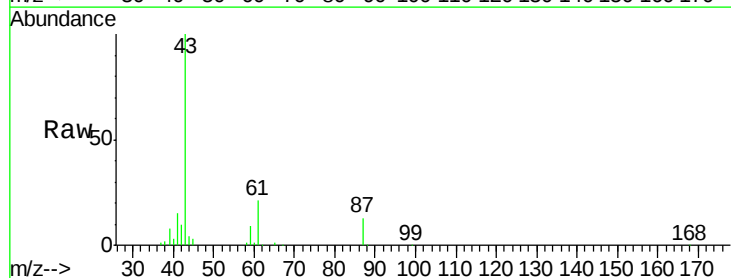
Tgt Ion: 43 Resp: 97086

Ion Ratio Lower Upper

43 100

61 19.6 17.8 26.8

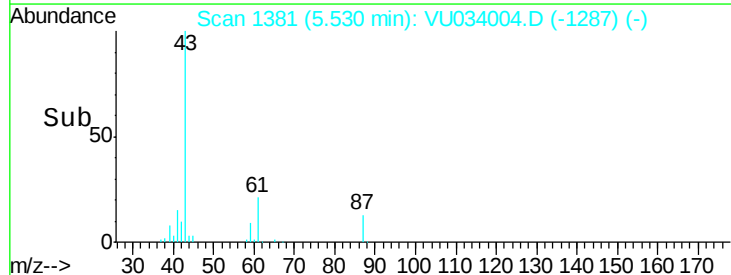
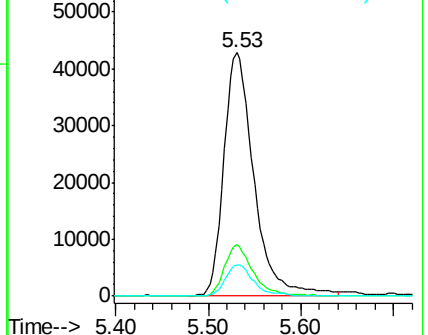
87 12.1 11.9 17.9

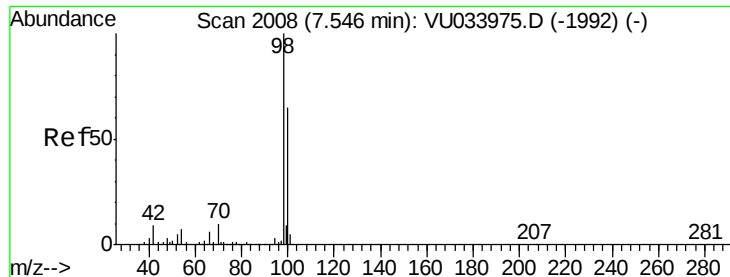


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

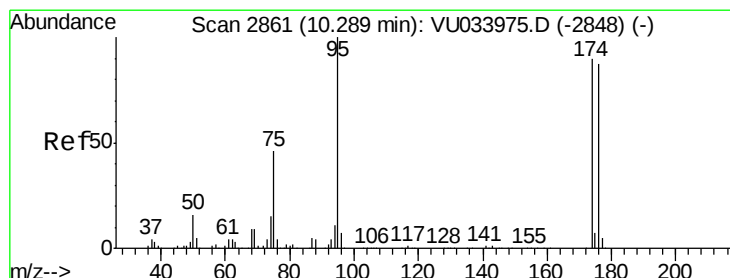
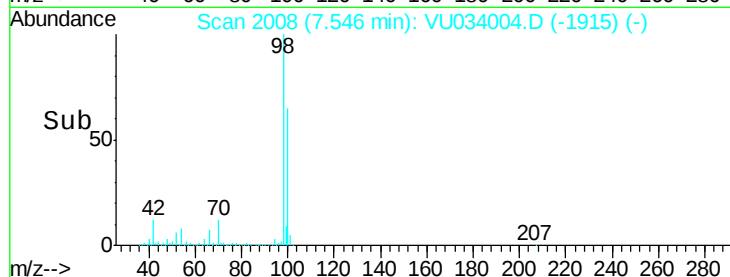
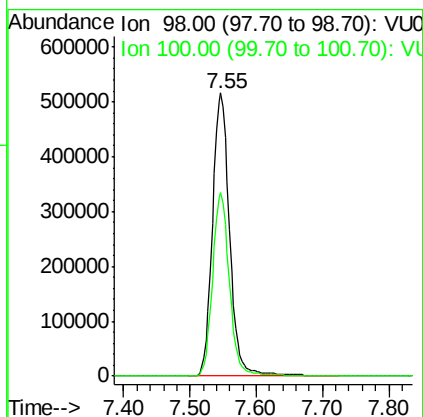
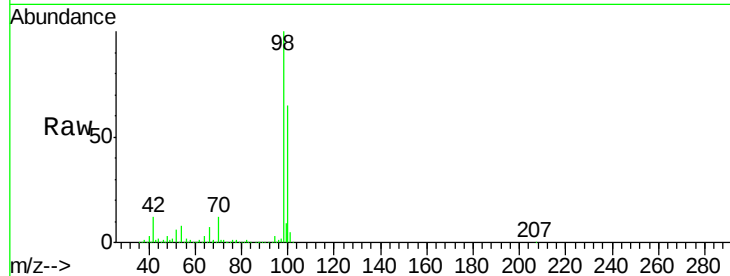




#50
Toluene-d8
Concen: 53.943 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034004.D
Acq: 28 Aug 2019 05:03

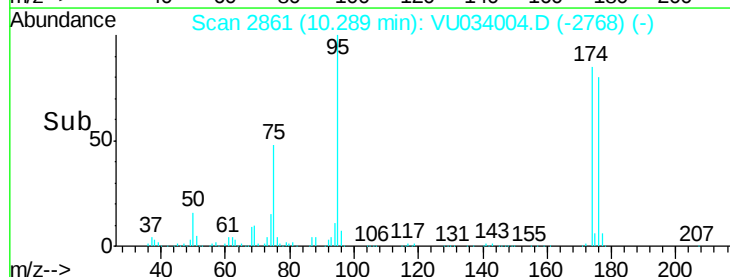
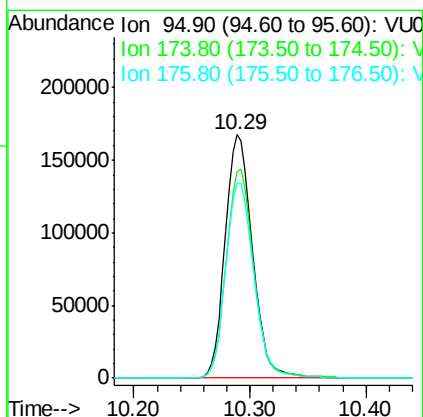
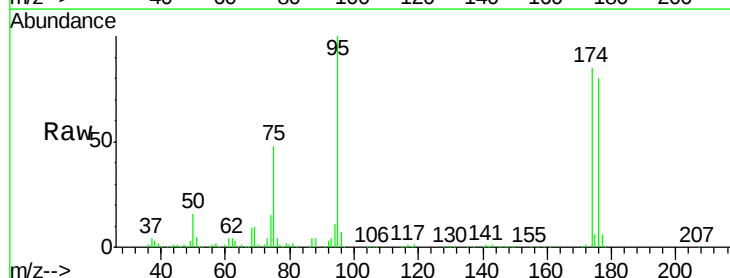
Instrument :
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T2-S-B4-(2.5)

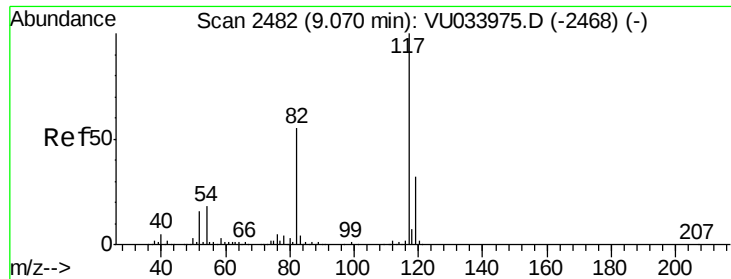
Tot Ion: 98 Resp: 928489
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 41.217 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034004.D
Acq: 28 Aug 2019 05:03

Tgt Ion: 95 Resp: 272142
Ion Ratio Lower Upper
95 100
174 86.9 0.0 183.8
176 82.7 0.0 176.4

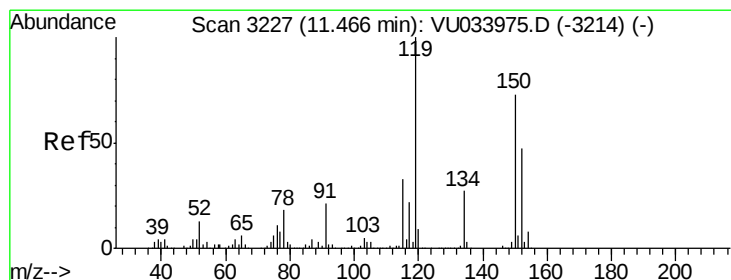
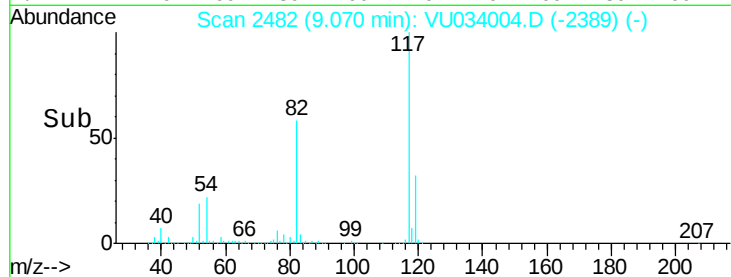
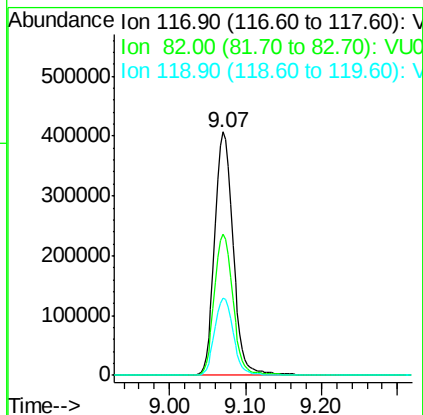
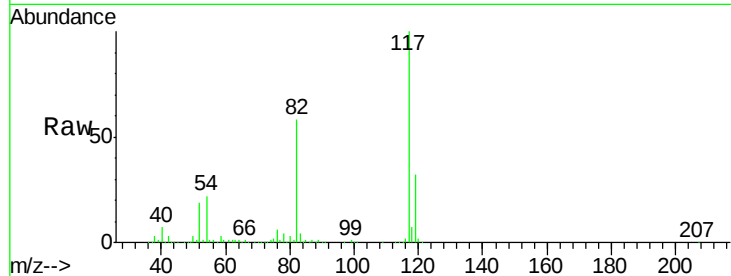




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.07 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: VU034004.D
 Acq: 28 Aug 2019 05:03

Instrument :
 MSVOA_U
 ClientSampleId :
 T2-S-B4-(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	43.8	65.8
119	31.6	25.7	38.5



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.00 min
 Lab File: VU034004.D
 Acq: 28 Aug 2019 05:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	38.6	115.7
150	158.1	0.0	343.8

