

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034352.D
 Acq On : 07 Sep 2019 00:18
 Operator : JC/SP
 Sample : K4580-40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T12-A2-(3.5)

Quant Time: Sep 07 05:07:09 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

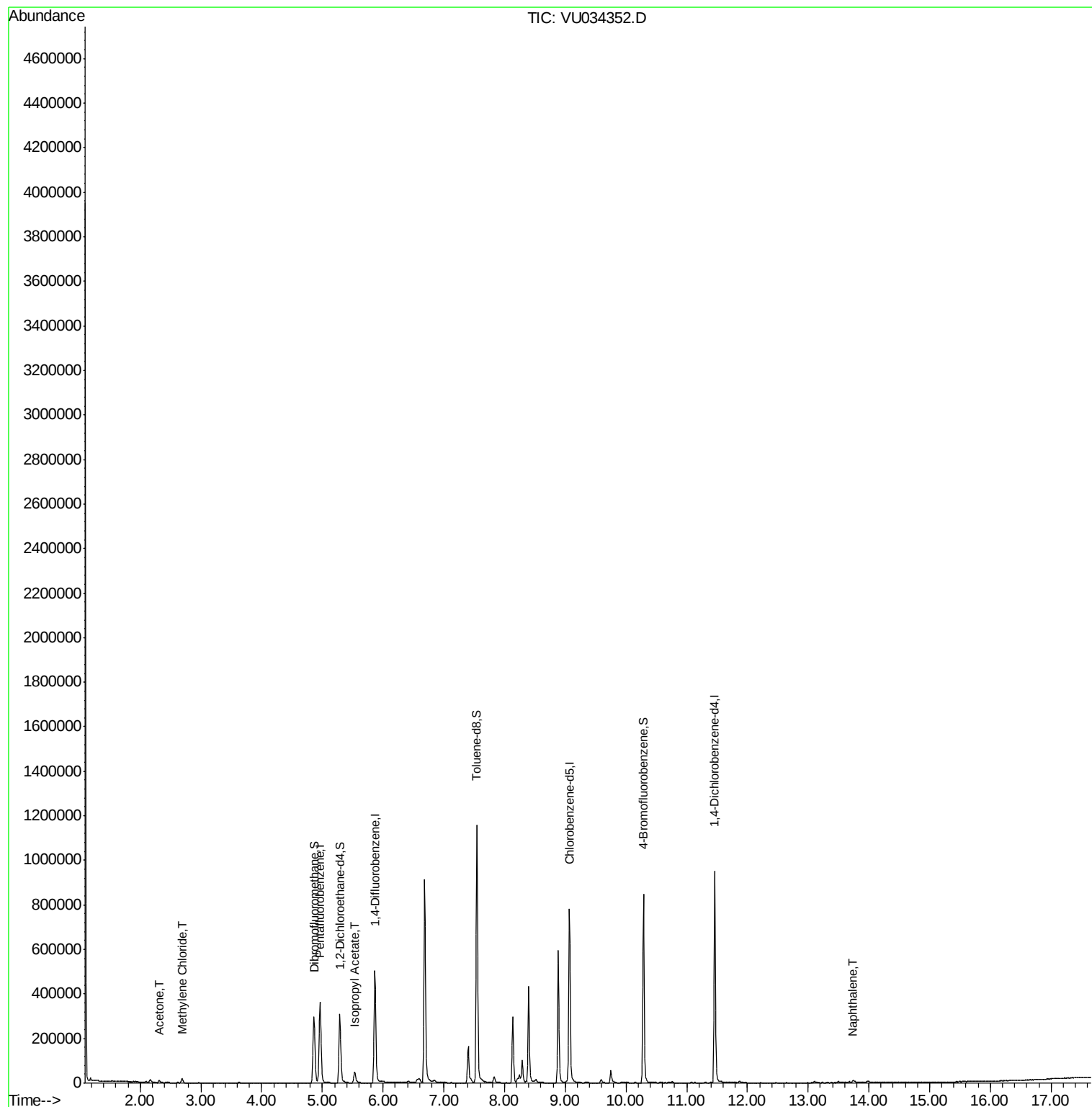
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	303256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	469536	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	466676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	275582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	243051	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
35) Dibromofluoromethane	4.86	113	211877	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
50) Toluene-d8	7.55	98	816265	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	10.29	95	292177	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
Target Compounds						
16) Acetone	2.31	43	13811	5.817	ug/l	97
20) Methylene Chloride	2.69	84	9347	2.020	ug/l	96
43) Isopropyl Acetate	5.53	43	63430	6.754	ug/l	99
95) Naphthalene	13.74	128	18297	4.883	ug/l #	92

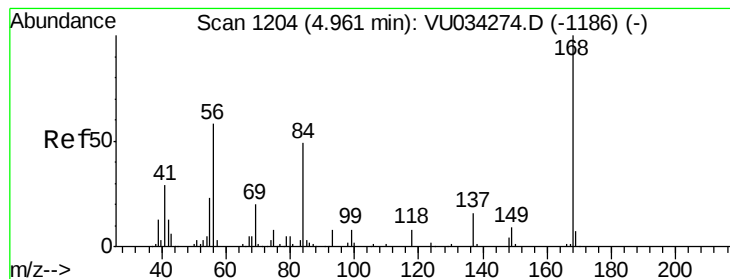
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VU034352.D

Acq: 07 Sep 2019 00:18

Instrument :

MSVOA_U

ClientSampleId :

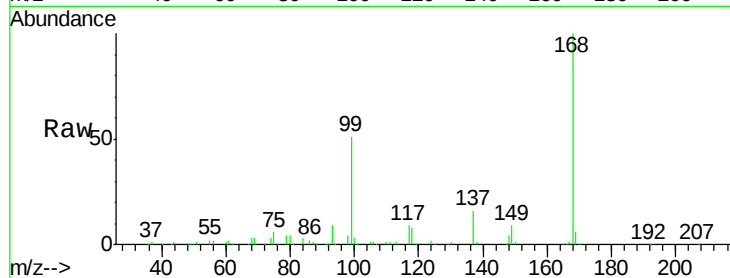
T12-A2-(3.5)

Tot Ion:168 Resp: 303256

Ion Ratio Lower Upper

168 100

99 50.7 41.6 62.4



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

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

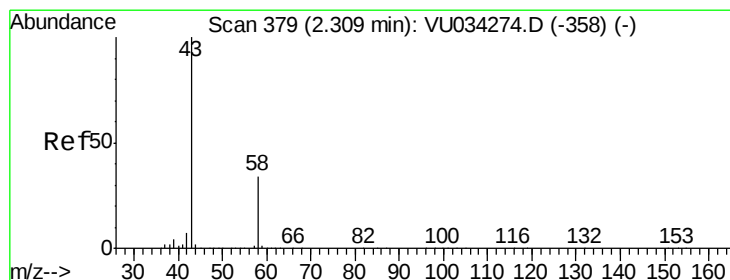
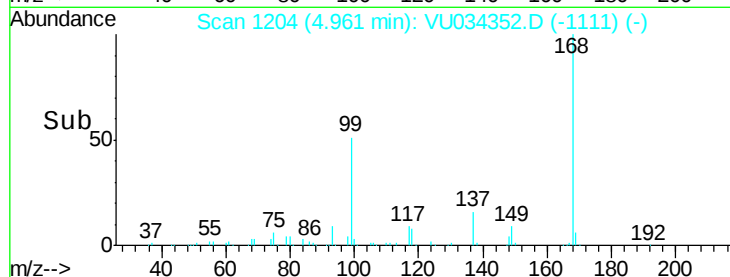
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.817 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034352.D

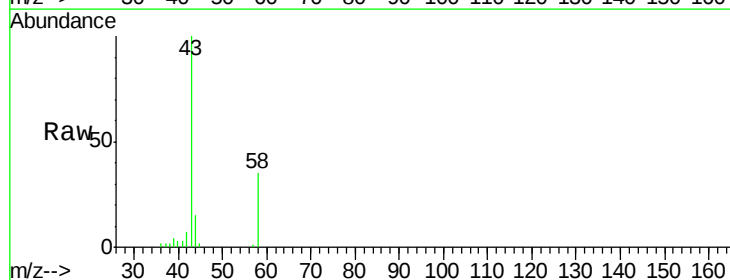
Acq: 07 Sep 2019 00:18

Tgt Ion: 43 Resp: 13811

Ion Ratio Lower Upper

43 100

58 36.1 27.6 41.4



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

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

2.31

8000

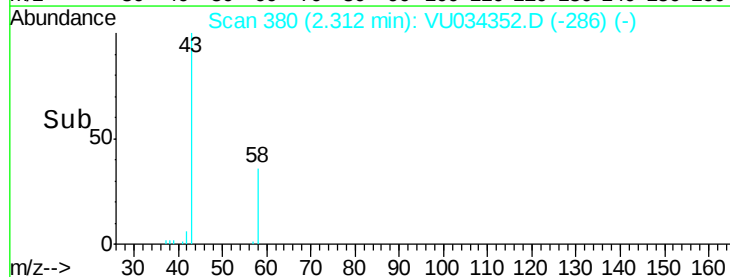
6000

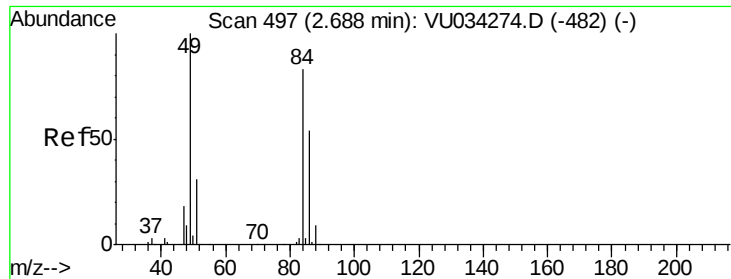
4000

2000

0

Time-->

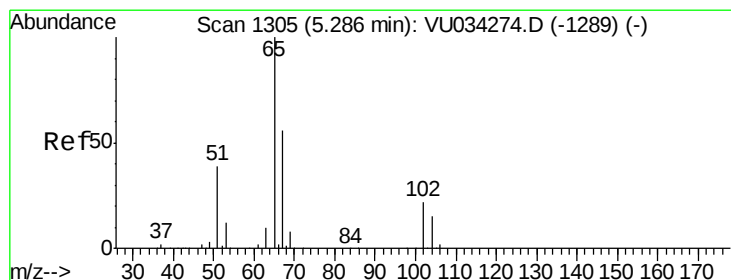
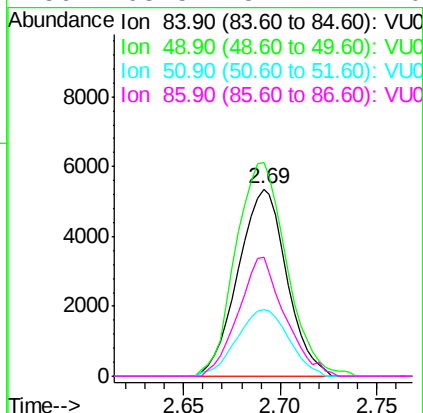
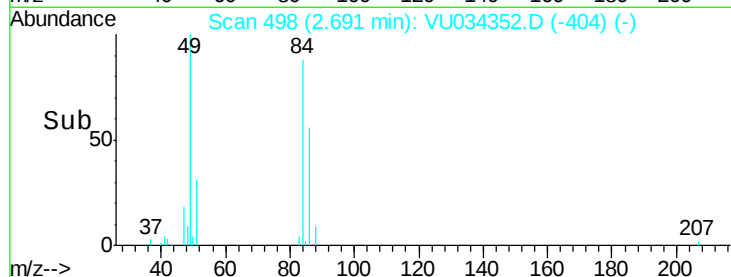
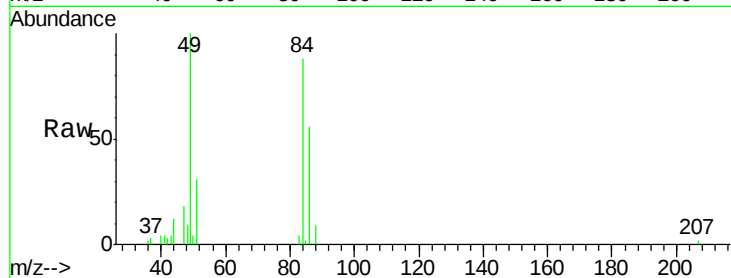




#20
Methvlene Chloride
Concen: 2.020 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

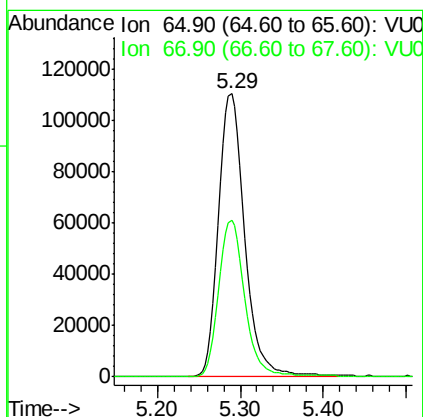
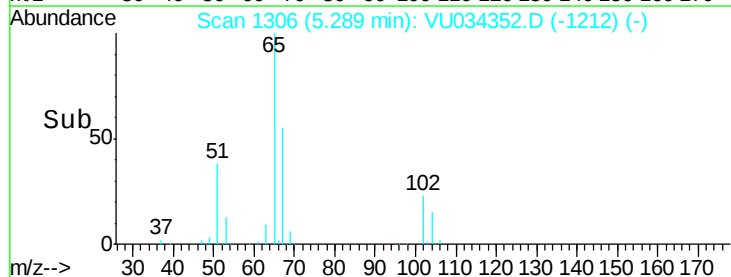
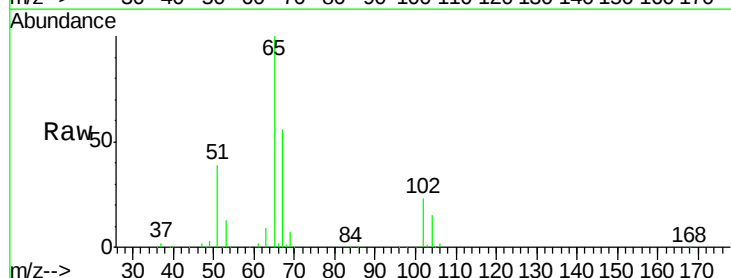
Instrument :
MSVOA_U
ClientSampleId :
T12-A2-(3.5)

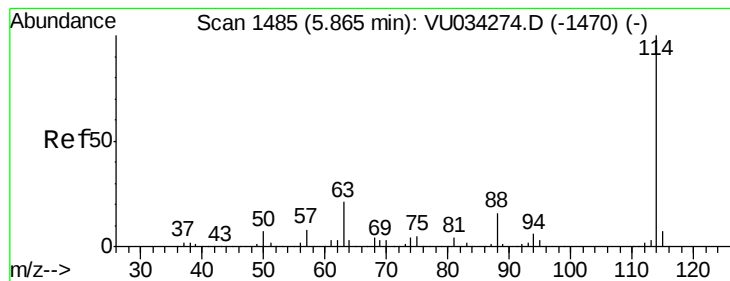
Tot Ion: 84 Resp: 9347
Ion Ratio Lower Upper
84 100
49 114.2 96.0 144.0
51 35.5 30.0 45.0
86 63.5 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 52.971 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

Tgt Ion: 65 Resp: 243051
Ion Ratio Lower Upper
65 100
67 54.7 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

Instrument :

MSVOA_U

ClientSampleId :

T12-A2-(3.5)

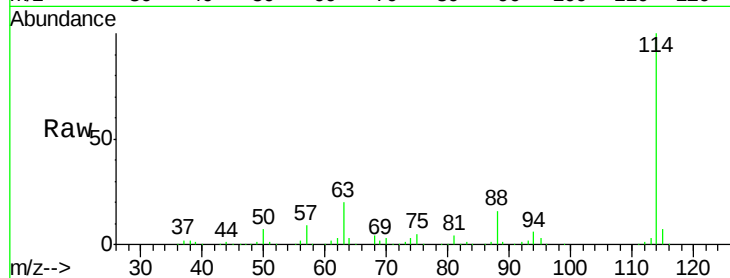
Tot Ion:114 Resp: 469536

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

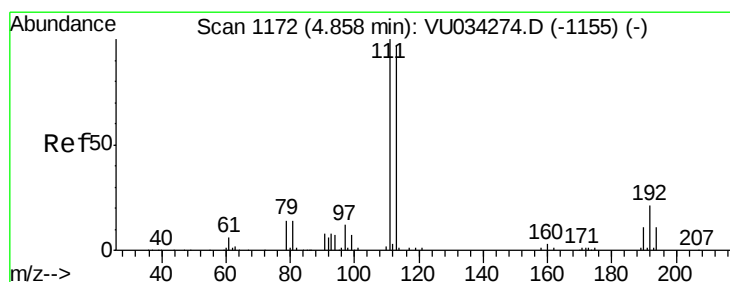
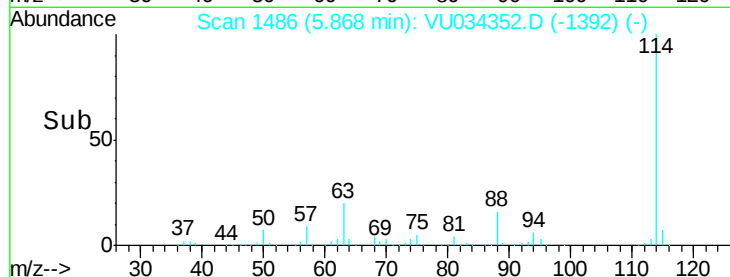
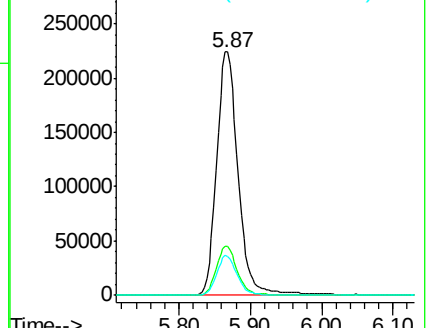
88 16.0 0.0 32.4



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: 48.495 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

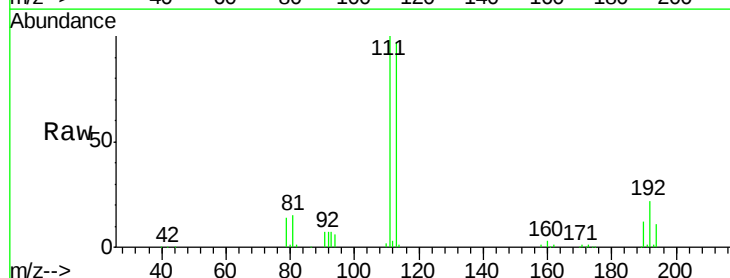
Tgt Ion:113 Resp: 211877

Ion Ratio Lower Upper

113 100

111 103.7 81.5 122.3

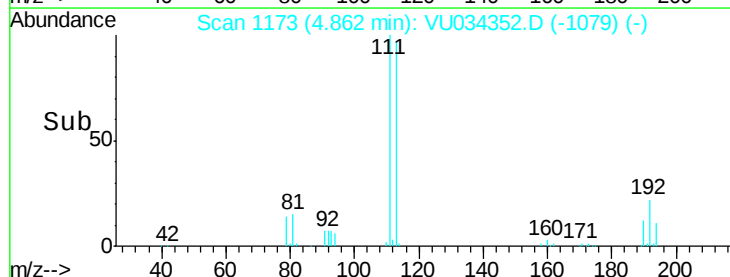
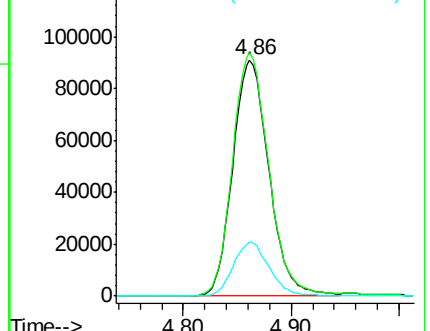
192 22.6 17.8 26.8

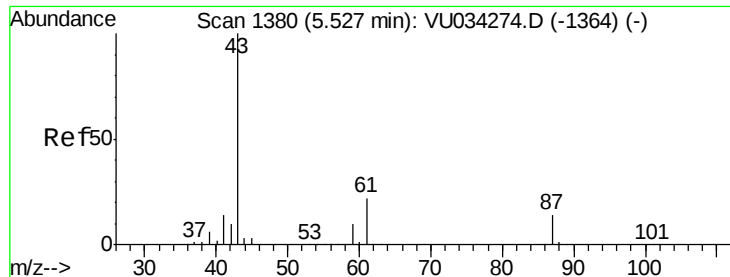


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

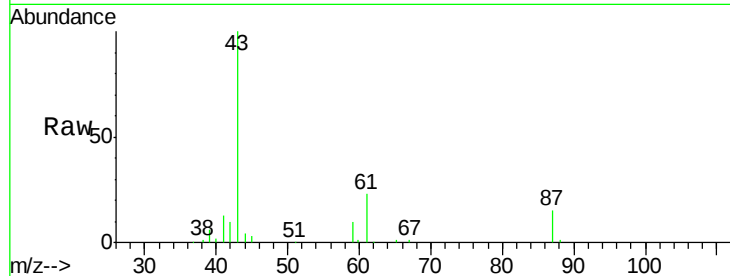




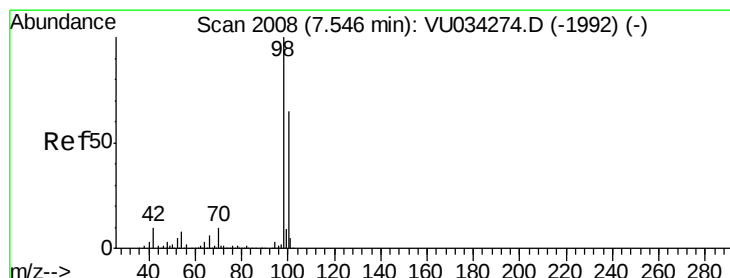
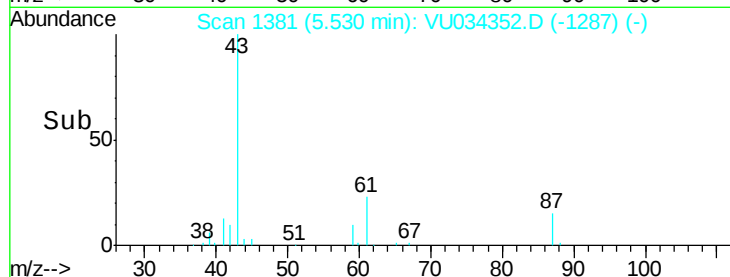
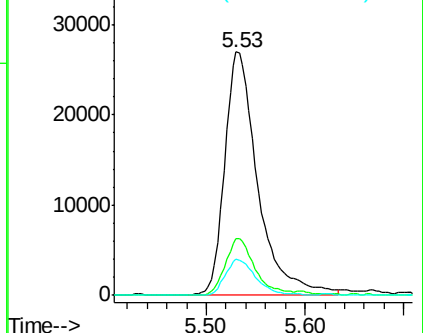
#43
Isopropyl Acetate
Concen: 6.754 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

Instrument :
MSVOA_U
ClientSampleId :
T12-A2-(3.5)

Tot Ion: 43 Resp: 63430
Ion Ratio Lower Upper
43 100
61 20.9 17.1 25.7
87 13.8 11.1 16.7

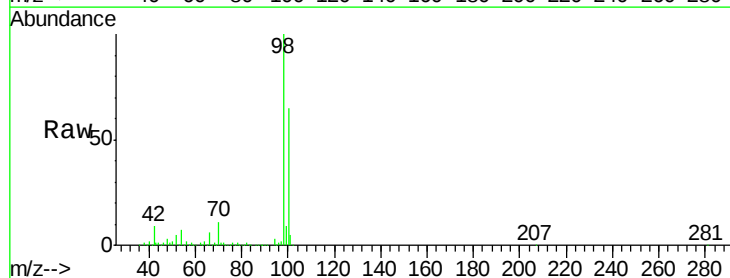


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

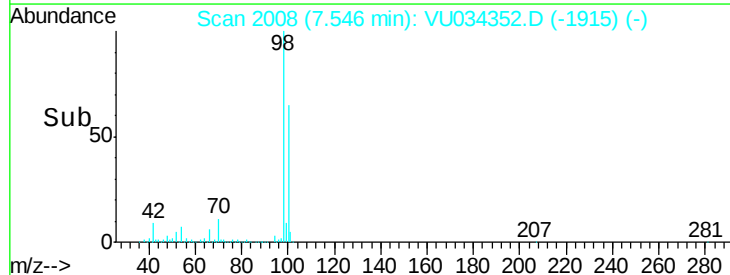
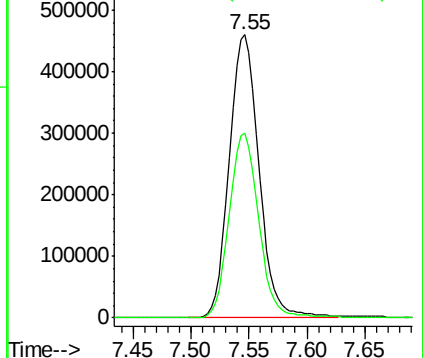


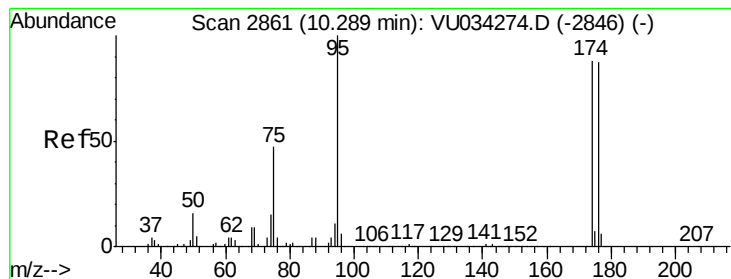
#50
Toluene-d8
Concen: 49.728 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034352.D
Acq: 07 Sep 2019 00:18

Tgt Ion: 98 Resp: 816265
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#62

4-Bromofluorobenzene

Concen: 46.102 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

Instrument :

MSVOA_U

ClientSampleId :

T12-A2-(3.5)

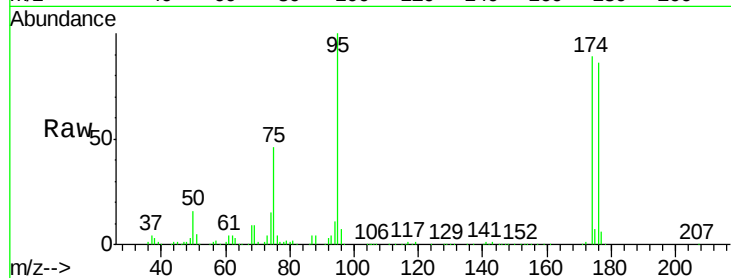
Tot Ion: 95 Resp: 292177

Ion Ratio Lower Upper

95 100

174 88.9 0.0 175.2

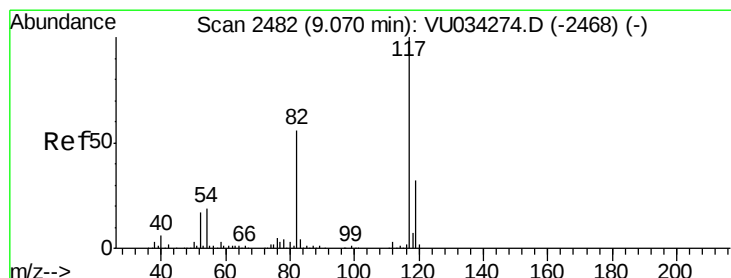
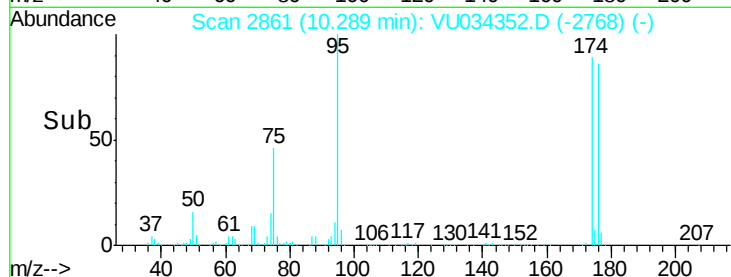
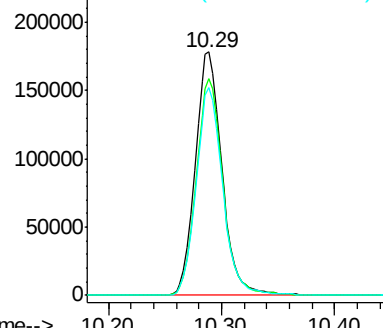
176 85.3 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034274.D (-2846) (-)

Ion 173.80 (173.50 to 174.50): VU034274.D (-2846) (-)

Ion 175.80 (175.50 to 176.50): VU034274.D (-2846) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

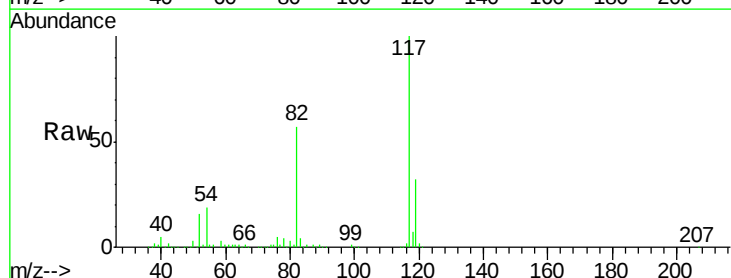
Tgt Ion: 117 Resp: 466676

Ion Ratio Lower Upper

117 100

82 56.7 44.6 67.0

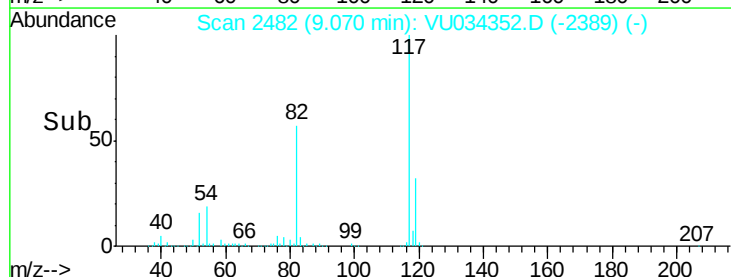
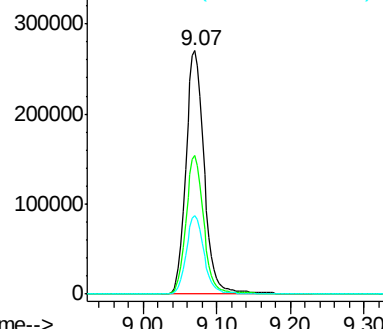
119 32.3 25.9 38.9

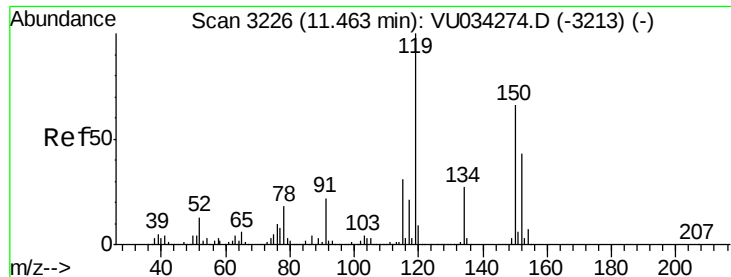


Abundance Ion 116.90 (116.60 to 117.60): VU034274.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034274.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034274.D (-2468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

Instrument :

MSVOA_U

ClientSampleId :

T12-A2-(3.5)

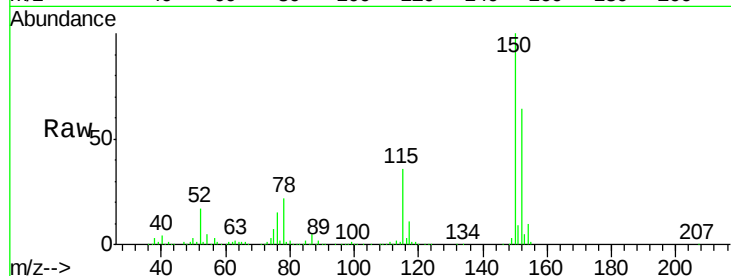
Tot Ion:152 Resp: 275582

Ion Ratio Lower Upper

152 100

115 55.7 39.1 117.3

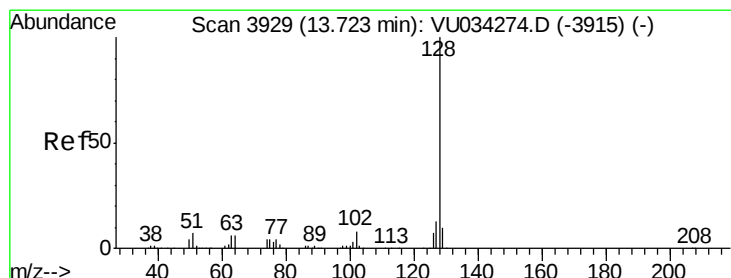
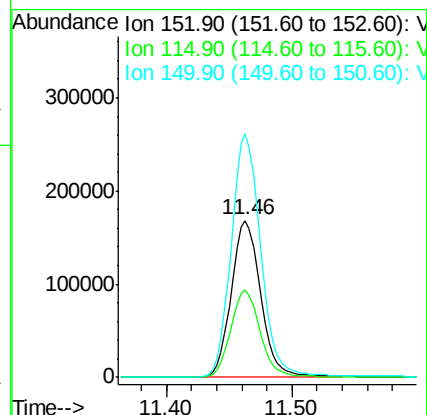
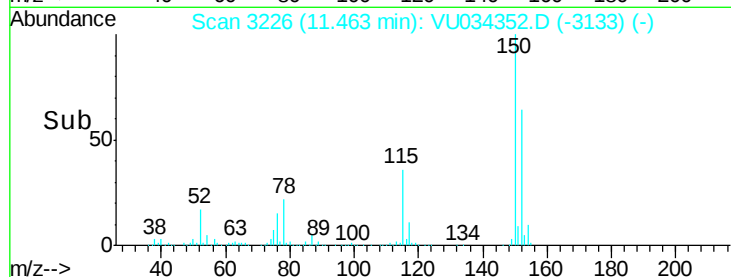
150 156.0 0.0 345.4



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



#95

Naphthalene

Concen: 4.883 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. 0.02 min

Lab File: VU034352.D

Acq: 07 Sep 2019 00:18

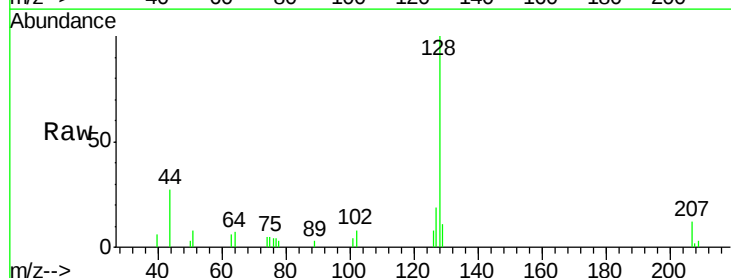
Tgt Ion:128 Resp: 18297

Ion Ratio Lower Upper

128 100

127 9.9 10.6 15.8#

129 7.4 8.4 12.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

