

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034097.D
 Acq On : 30 Aug 2019 14:44
 Operator : JC/SP
 Sample : K4555-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TW-2

Quant Time: Aug 31 04:01:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

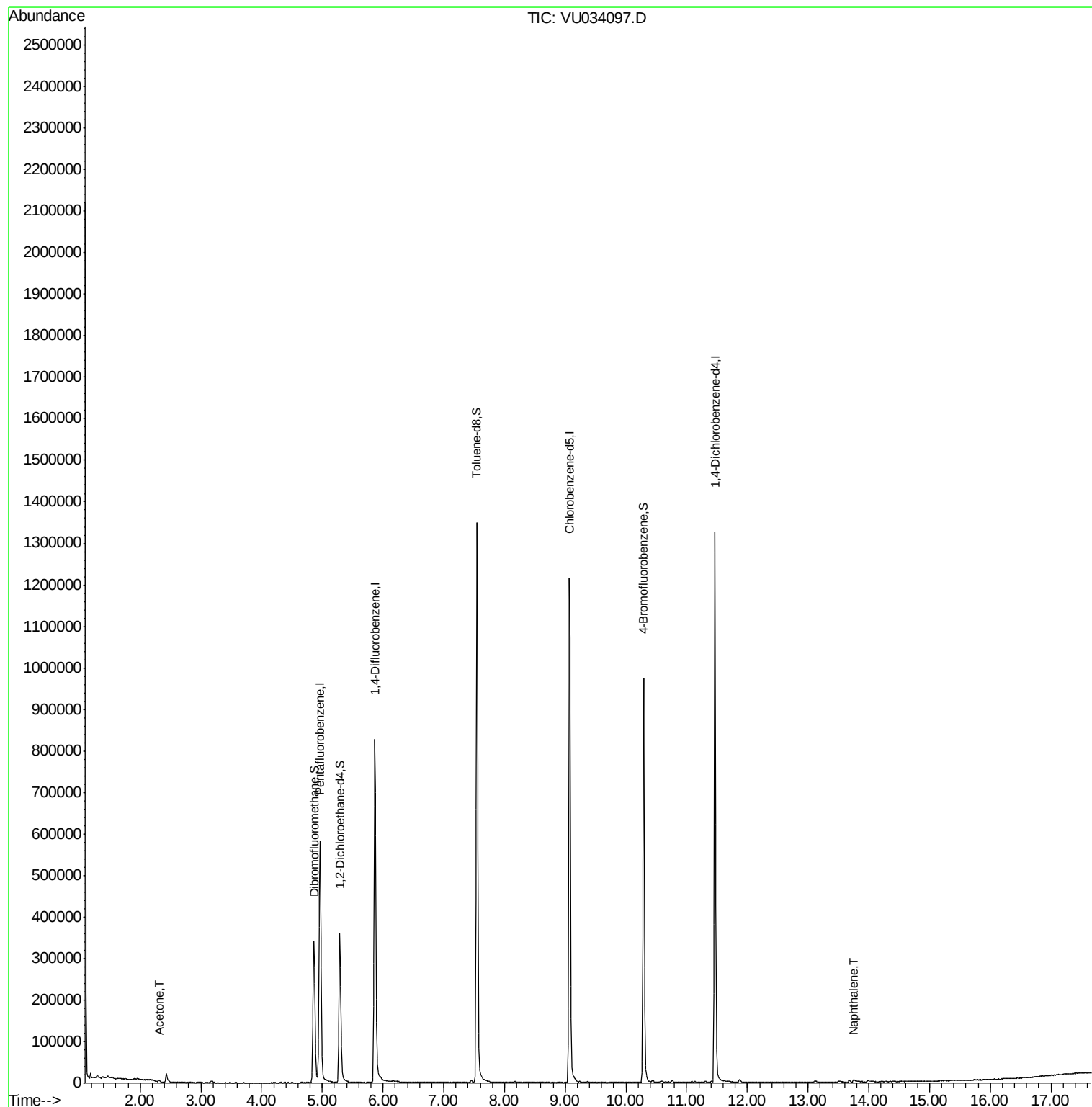
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	477998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	752672	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	716101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	366469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	287031	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
35) Dibromofluoromethane	4.86	113	244942	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	7.55	98	941153	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	10.29	95	335457	44.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.24%	
Target Compounds						
16) Acetone	2.31	43	5670	1.814	ug/l	97
95) Naphthalene	13.76	128	8973	2.168	ug/l #	91

(#) = 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: VU034097.D

Acq: 30 Aug 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

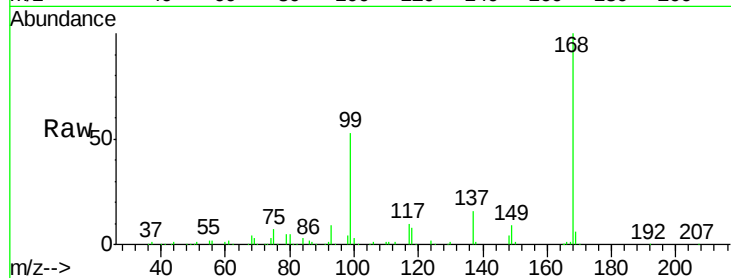
TW-2

Tot Ion:168 Resp: 477998

Ion Ratio Lower Upper

168 100

99 53.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034097.D

Ion 98.90 (98.60 to 99.60): VU034097.D

4.96

200000

150000

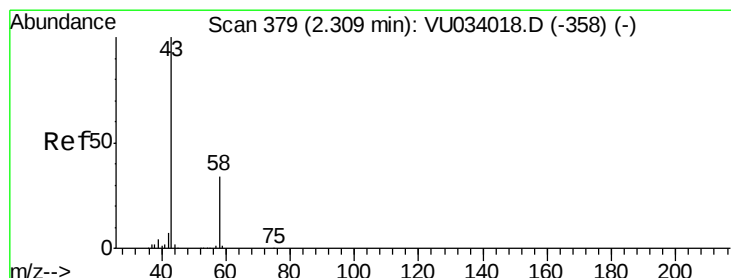
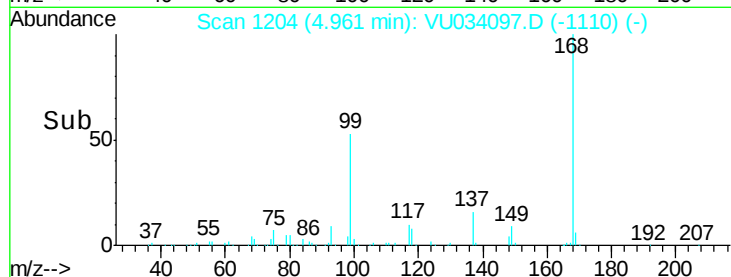
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 1.814 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034097.D

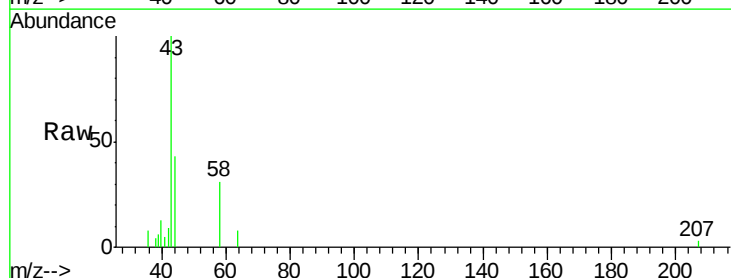
Acq: 30 Aug 2019 14:44

Tgt Ion: 43 Resp: 5670

Ion Ratio Lower Upper

43 100

58 32.1 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034097.D

Ion 58.00 (57.70 to 58.70): VU034097.D

2.31

4000

3000

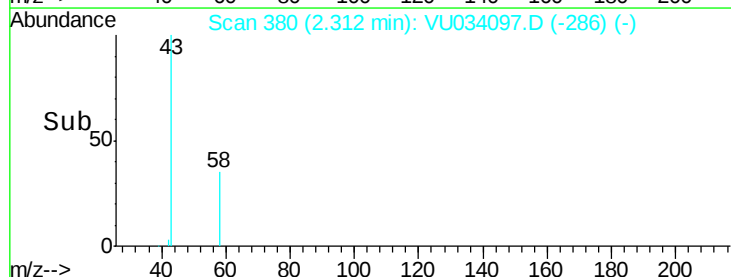
2000

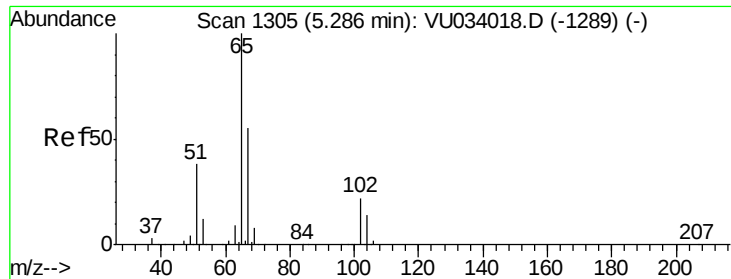
1000

0

2.25 2.30 2.35

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.864 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034097.D

Acq: 30 Aug 2019 14:44

Instrument :

MSVOA_U

ClientSampled :

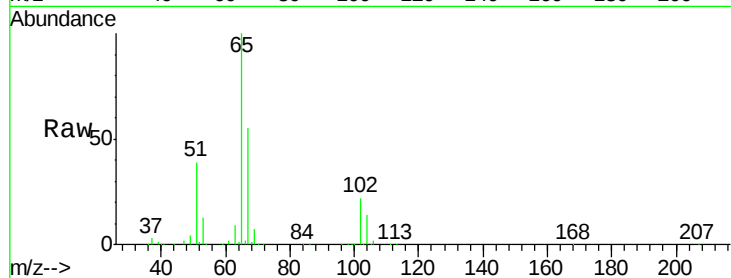
TW-2

Tot Ion: 65 Resp: 287031

Ion Ratio Lower Upper

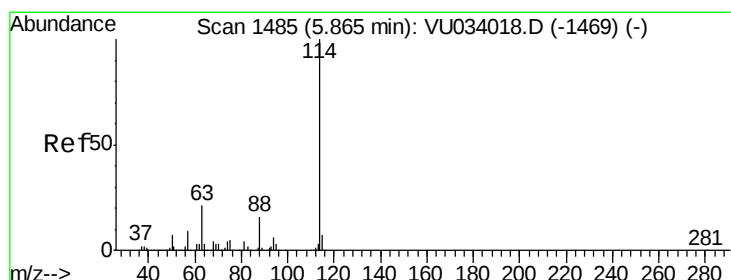
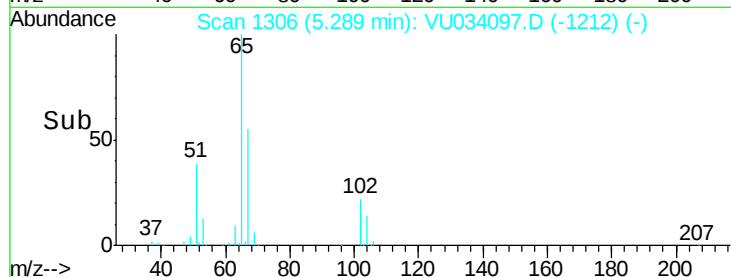
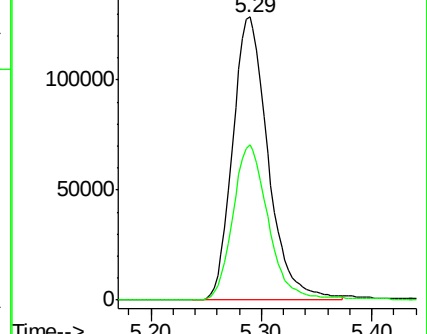
65 100

67 54.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034018.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU034018.D (-1289) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034097.D

Acq: 30 Aug 2019 14:44

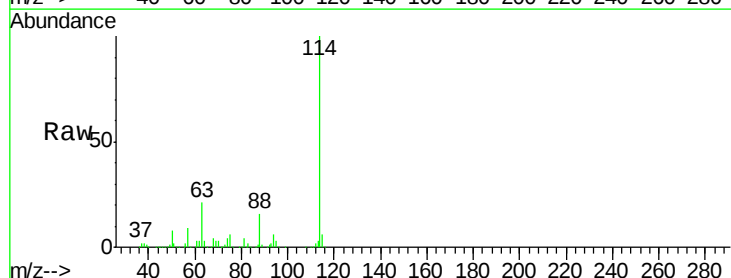
Tgt Ion: 114 Resp: 752672

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.0

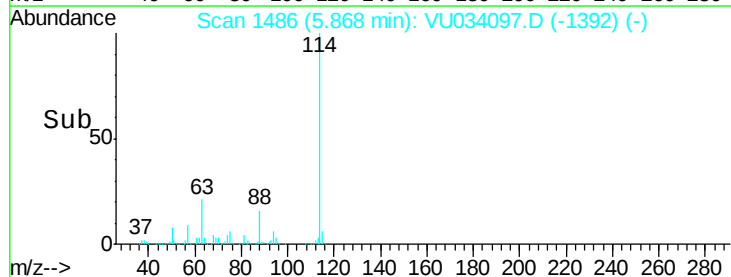
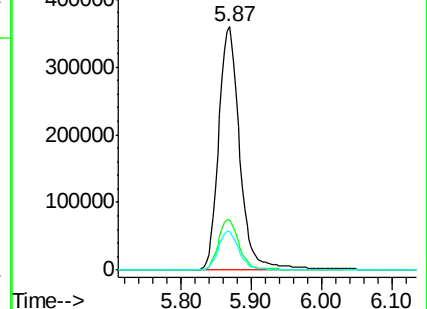
88 15.9 0.0 32.0

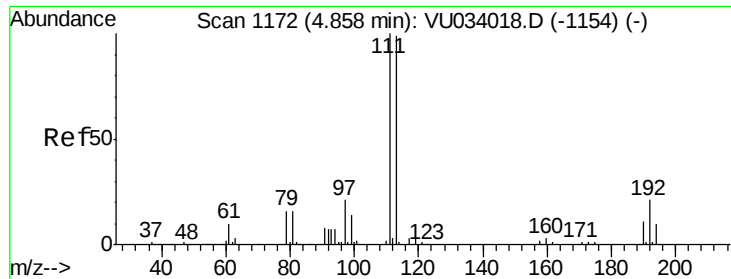


Abundance Ion 113.90 (113.60 to 114.60): VU034018.D (-1469) (-)

Ion 63.00 (62.70 to 63.70): VU034018.D (-1469) (-)

Ion 87.90 (87.60 to 88.60): VU034018.D (-1469) (-)

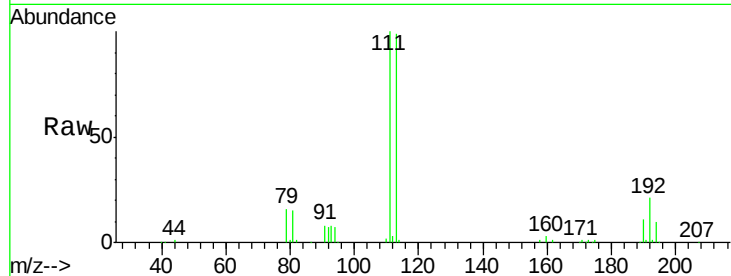




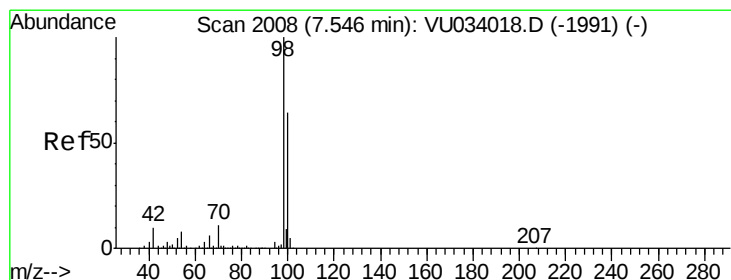
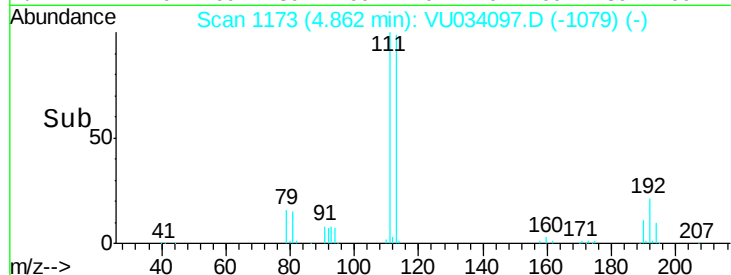
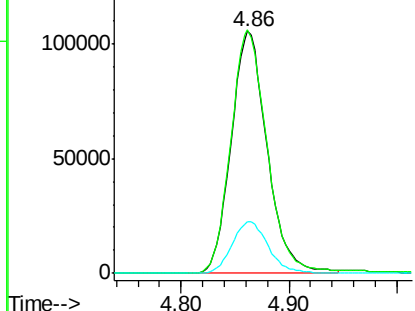
#35
 Dibromofluoromethane
 Concen: 46.920 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034097.D
 Acq: 30 Aug 2019 14:44

Instrument :
 MSVOA_U
 ClientSampled :
 TW-2

Tot Ion:113 Resp: 244942
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 21.5 17.1 25.7

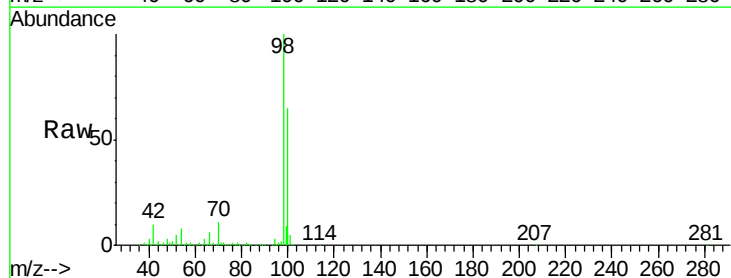


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

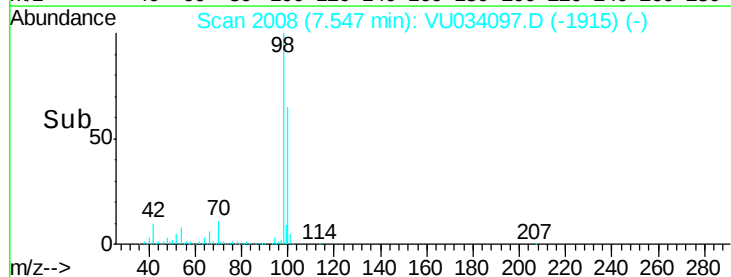
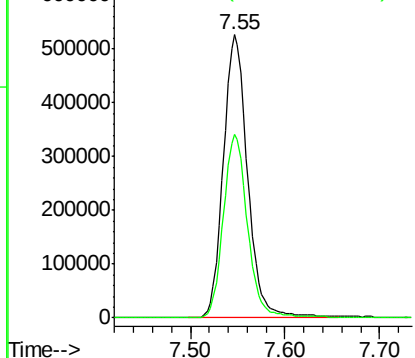


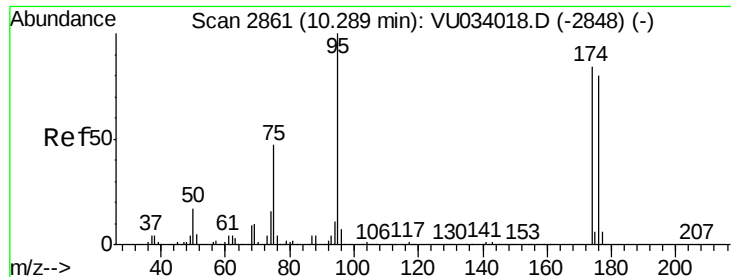
#50
 Toluene-d8
 Concen: 48.147 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: VU034097.D
 Acq: 30 Aug 2019 14:44

Tgt Ion: 98 Resp: 941153
 Ion Ratio Lower Upper
 98 100
 100 64.8 50.3 75.5



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





#62

4-Bromofluorobenzene

Concen: 44.117 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034097.D

Acq: 30 Aug 2019 14:44

Instrument :

MSVOA_U

ClientSampleId :

TW-2

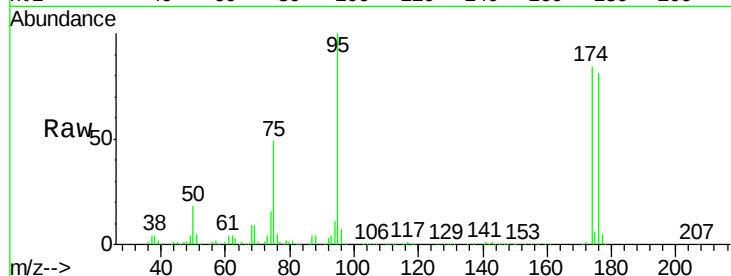
Tot Ion: 95 Resp: 335457

Ion Ratio Lower Upper

95 100

174 86.0 0.0 168.8

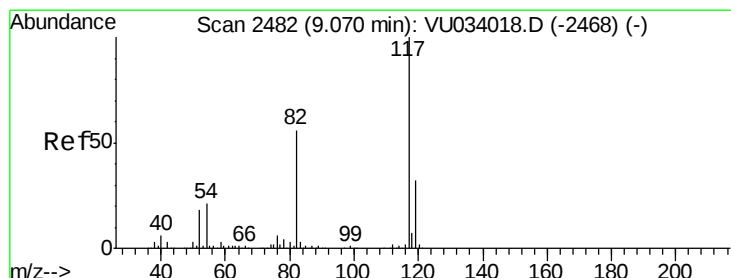
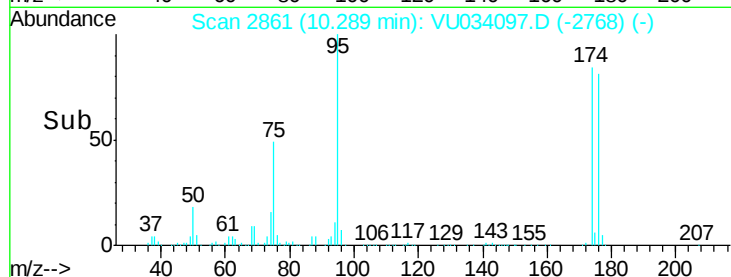
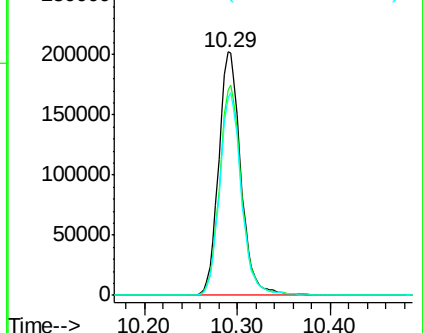
176 81.8 0.0 161.8



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# 2482

Delta R.T. 0.00 min

Lab File: VU034097.D

Acq: 30 Aug 2019 14:44

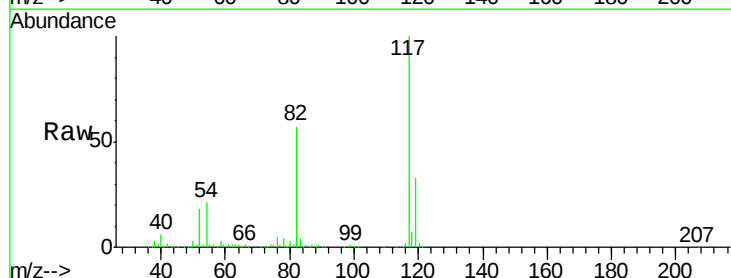
Tgt Ion: 117 Resp: 716101

Ion Ratio Lower Upper

117 100

82 56.8 45.1 67.7

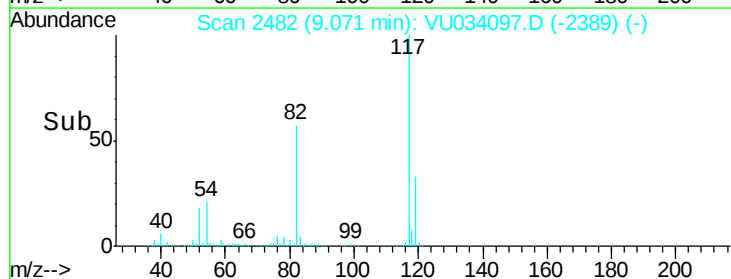
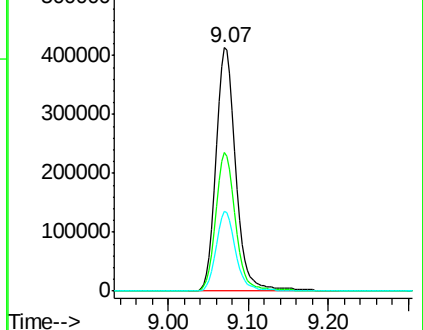
119 32.5 25.4 38.0

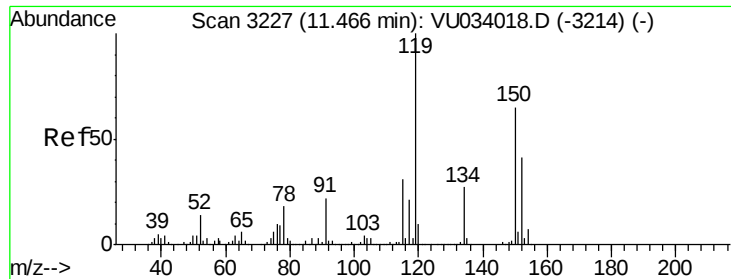


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V



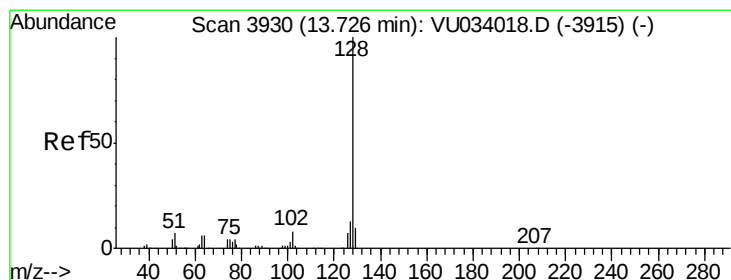
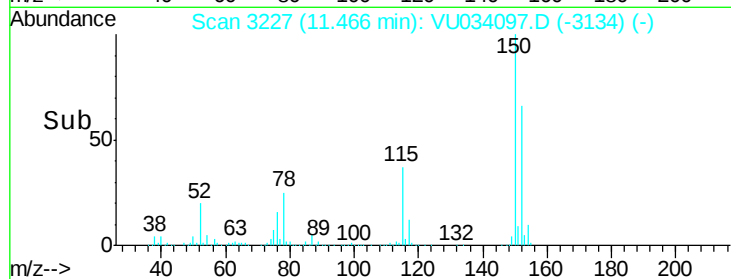
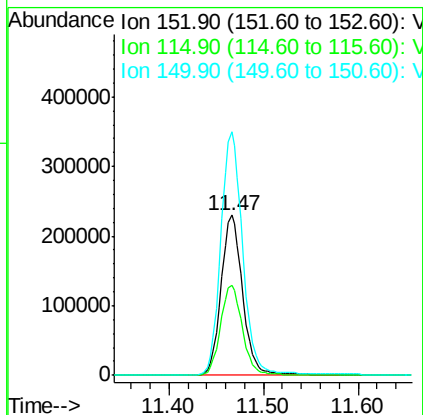
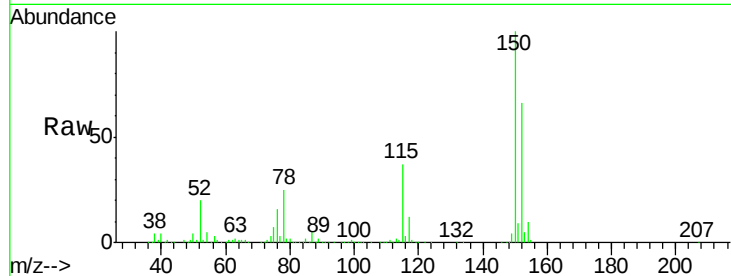


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034097.D
Acq: 30 Aug 2019 14:44

Instrument :
MSVOA_U
ClientSampleId :
TW-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.1	41.1	123.3
150	154.1	0.0	348.8



#95

Naphthalene
Concen: 2.168 ug/l
RT: 13.76 min Scan# 3939
Delta R.T. 0.03 min
Lab File: VU034097.D
Acq: 30 Aug 2019 14:44

Tgt Ion	Ratio	Lower	Upper
128	100		
127	8.6	10.2	15.4#
129	8.0	8.4	12.6#

