

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034331.D
 Acq On : 06 Sep 2019 15:25
 Operator : JC/SP
 Sample : K4700-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SINK

Quant Time: Sep 06 17:22:29 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

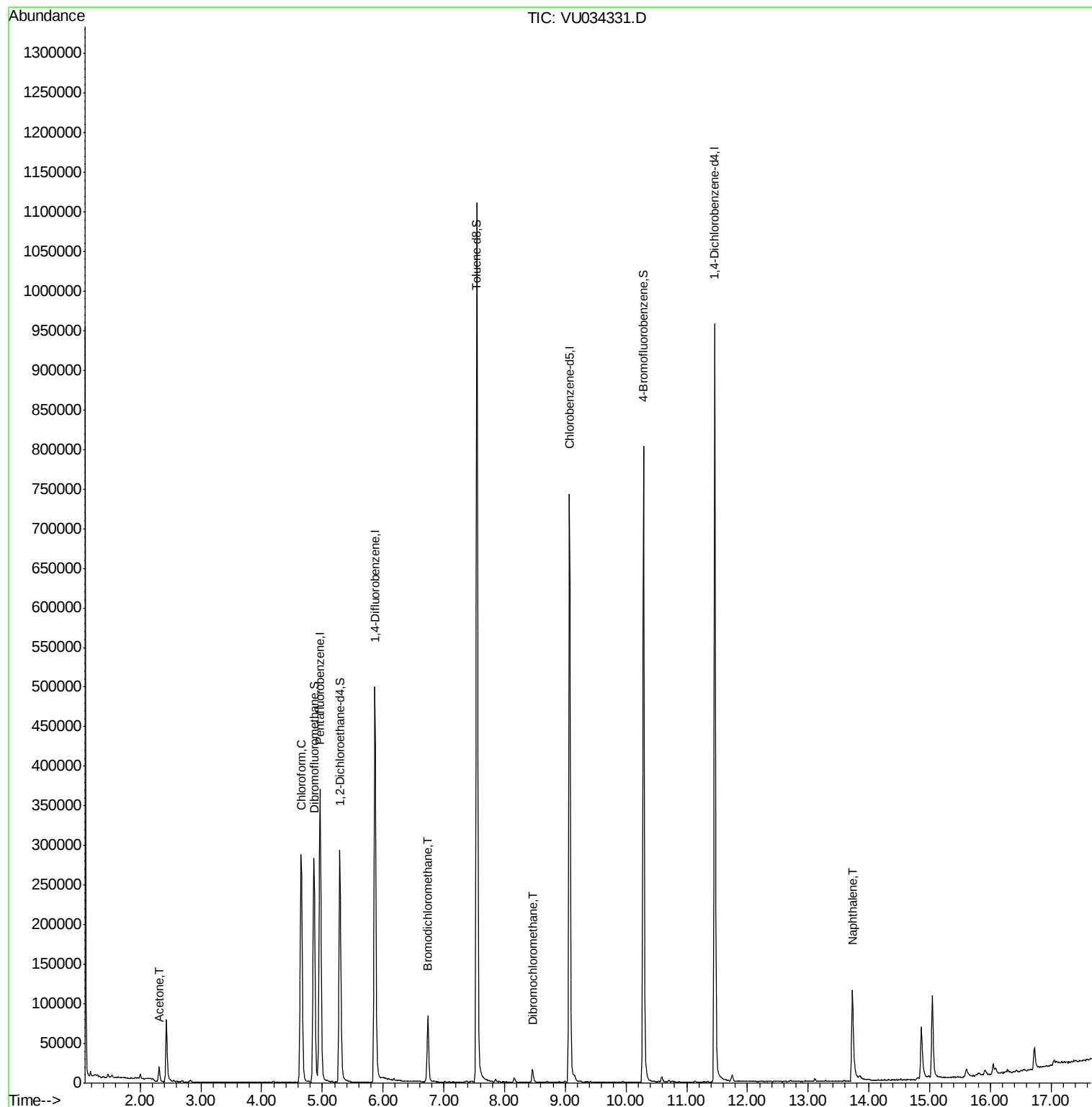
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	309347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	465753	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	445922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	278659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	232934	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
35) Dibromofluoromethane	4.86	113	204905	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	7.55	98	784149	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	10.29	95	283114	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
Target Compounds						
16) Acetone	2.31	43	20491	8.460	ug/l	99
30) Chloroform	4.65	83	285907	37.534	ug/l	98
47) Bromodichloromethane	6.74	83	59246	9.623	ug/l	99
60) Dibromochloromethane	8.46	129	9669	1.942	ug/l	98
95) Naphthalene	13.73	128	140787	10.945	ug/l	98

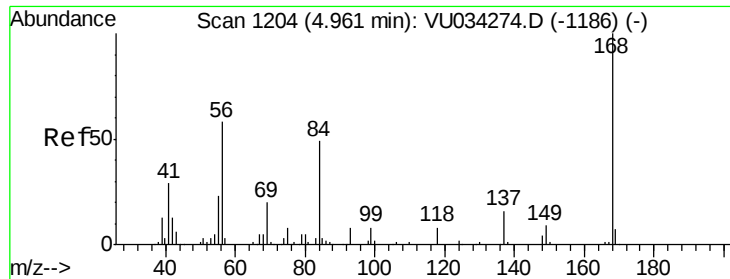
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034331.D

Acq: 06 Sep 2019 15:25

Instrument :

MSVOA_U

ClientSampled :

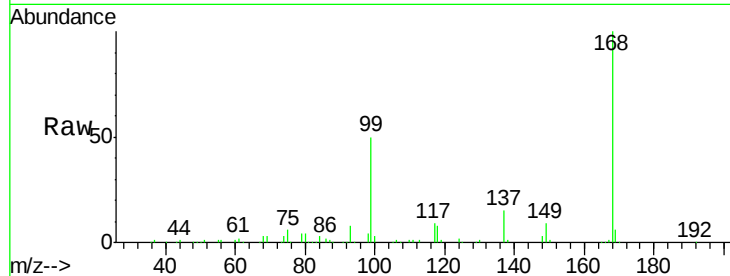
SINK

Tot Ion:168 Resp: 309347

Ion Ratio Lower Upper

168 100

99 49.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034331.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034331.D (-1111) (-)

4.96

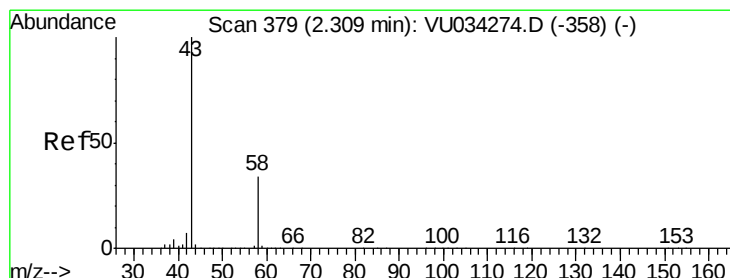
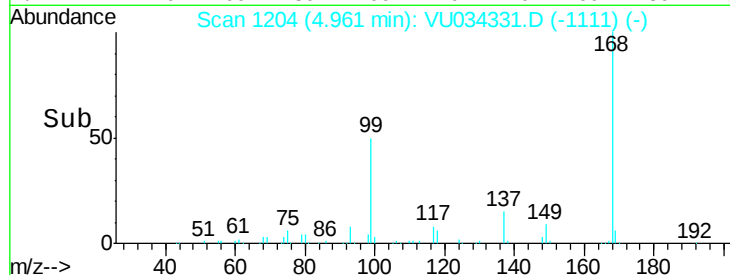
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.460 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034331.D

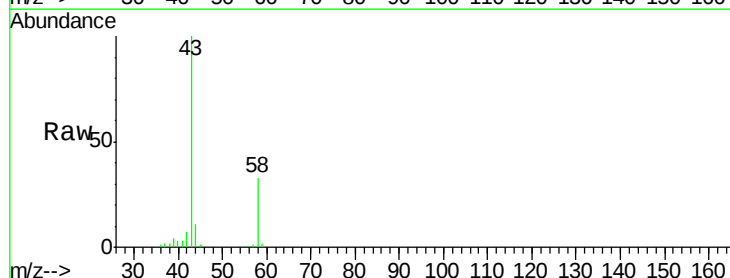
Acq: 06 Sep 2019 15:25

Tgt Ion: 43 Resp: 20491

Ion Ratio Lower Upper

43 100

58 33.7 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034331.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034331.D (-286) (-)

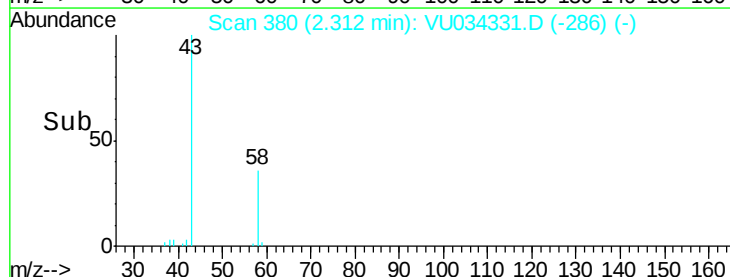
2.31

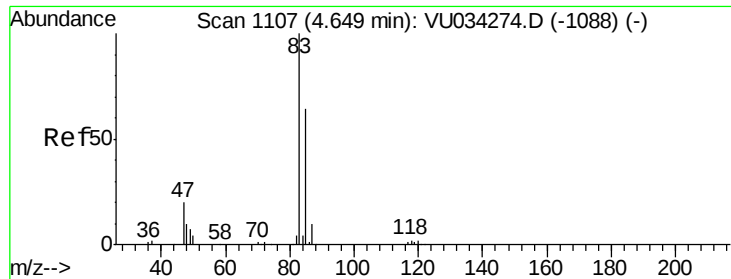
10000

5000

0

Time-->

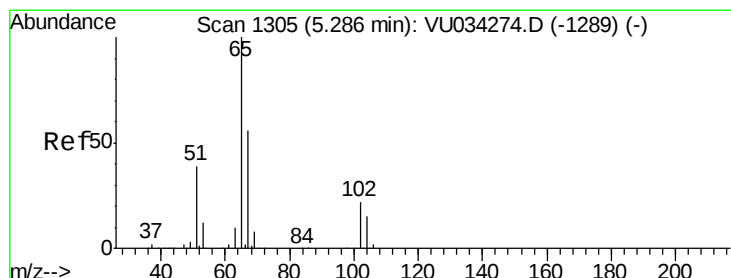
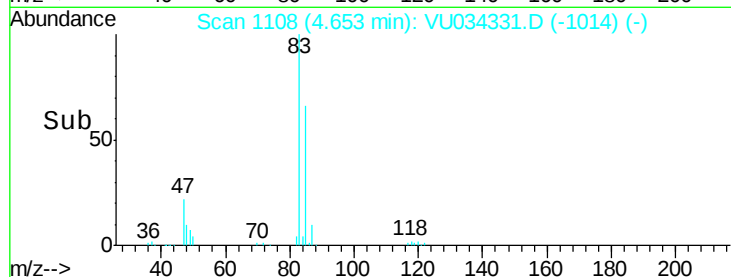
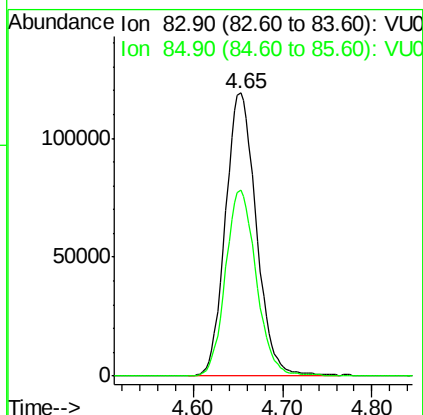
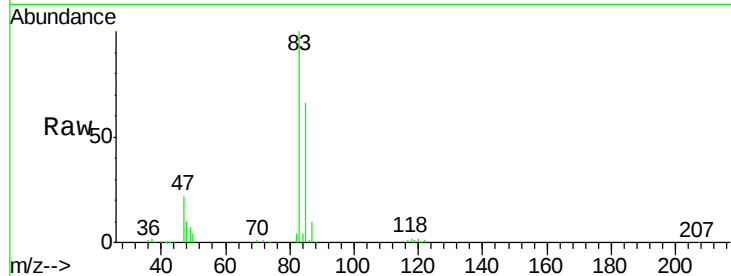




#30
Chloroform
Concen: 37.534 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034331.D
Acq: 06 Sep 2019 15:25

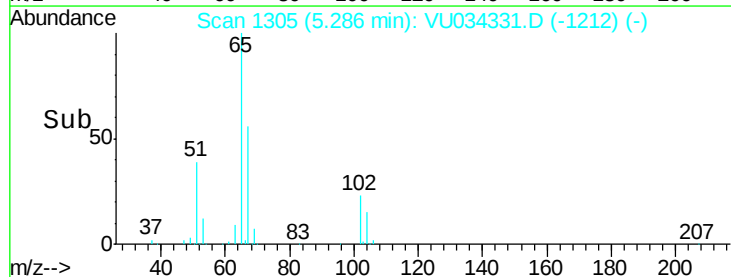
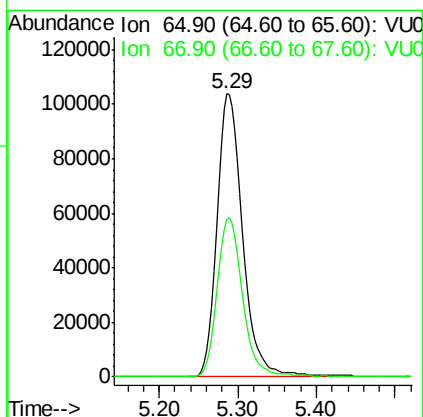
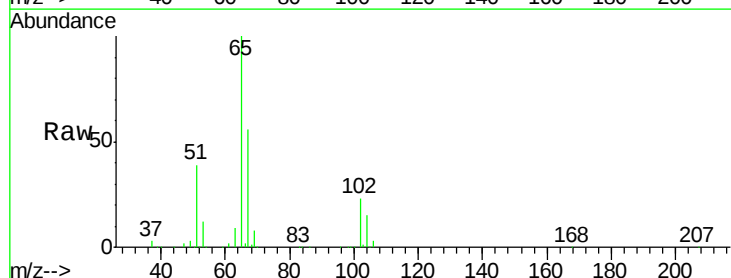
Instrument :
MSVOA_U
ClientSampleId :
SINK

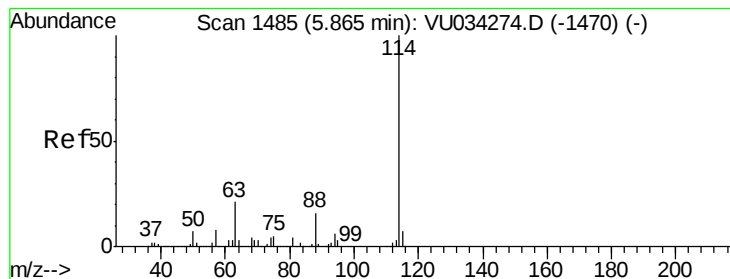
Tot Ion: 83 Resp: 285907
Ion Ratio Lower Upper
83 100
85 65.6 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 49.767 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU034331.D
Acq: 06 Sep 2019 15:25

Tgt Ion: 65 Resp: 232934
Ion Ratio Lower Upper
65 100
67 55.5 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: VU034331.D

Acq: 06 Sep 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

SINK

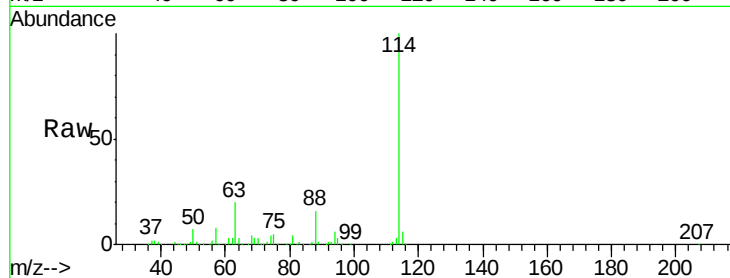
Tot Ion:114 Resp: 465753

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

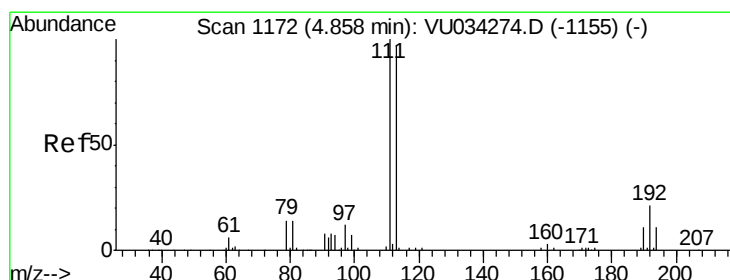
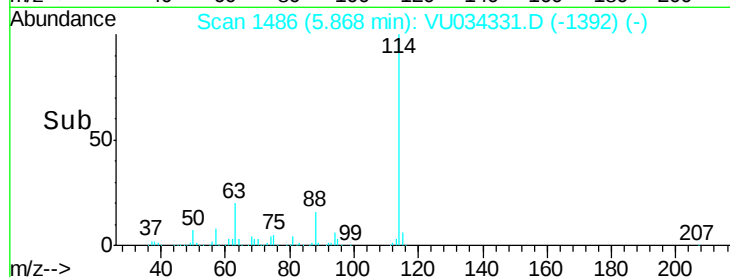
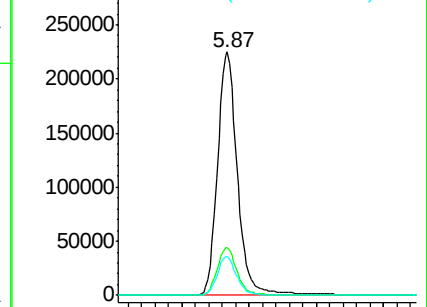
88 15.7 0.0 32.4



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: 47.280 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034331.D

Acq: 06 Sep 2019 15:25

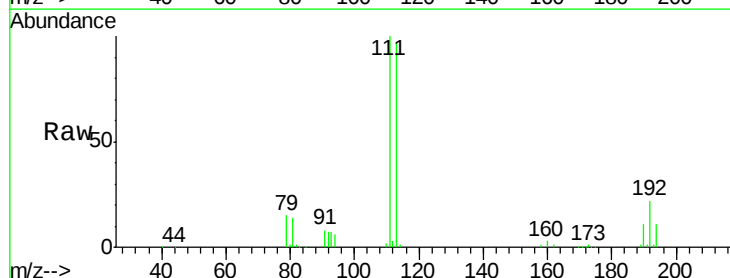
Tgt Ion:113 Resp: 204905

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

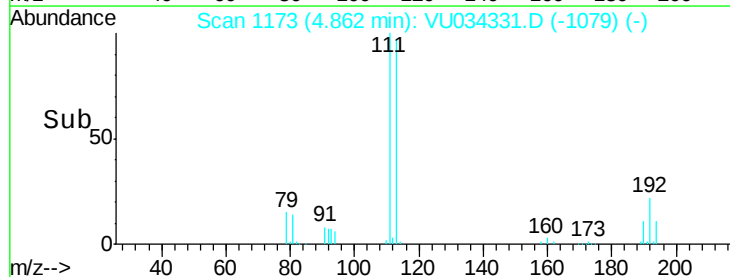
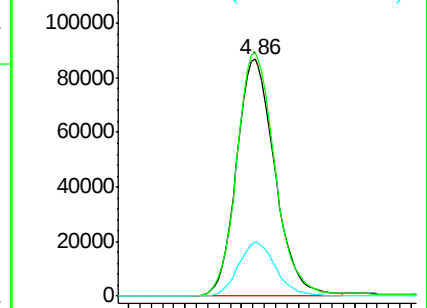
192 22.3 17.8 26.8

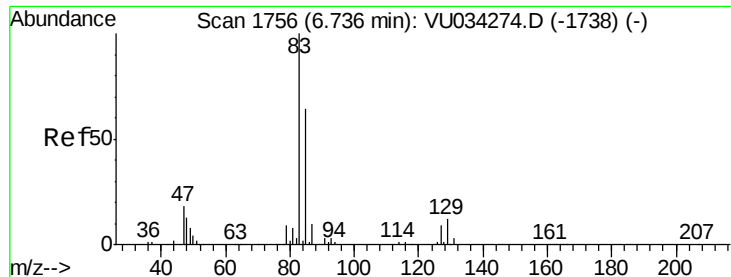


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#47

Bromodichloromethane

Concen: 9.623 ug/l

RT: 6.74 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VU034331.D

Acq: 06 Sep 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

SINK

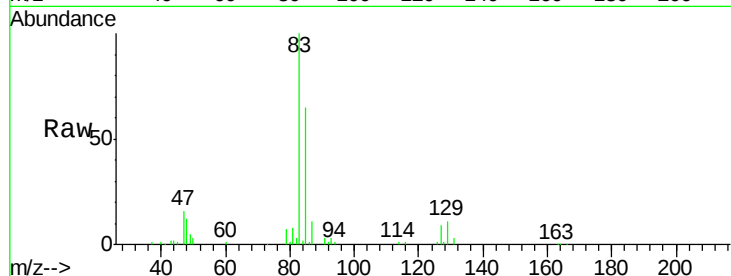
Tot Ion: 83 Resp: 59246

Ion Ratio Lower Upper

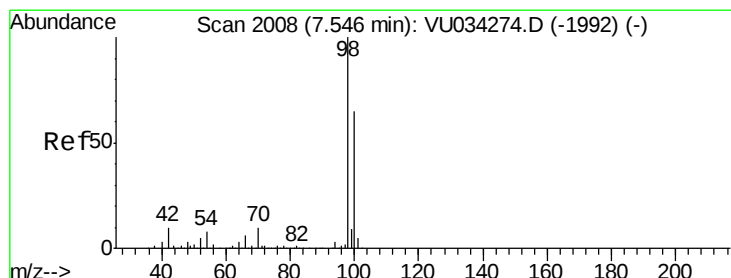
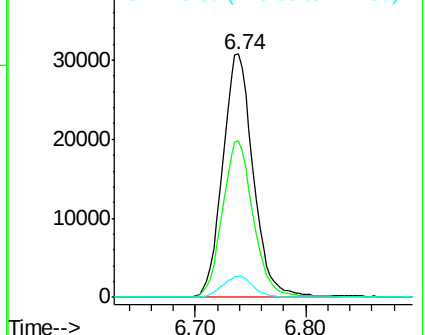
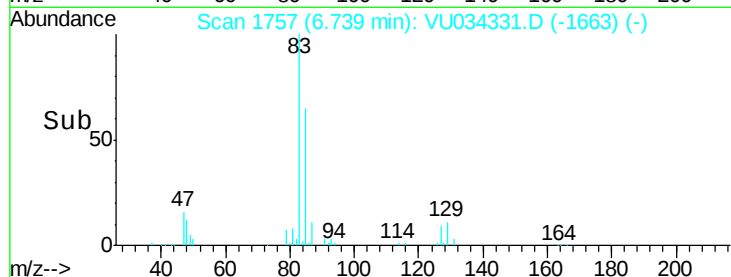
83 100

85 64.5 51.1 76.7

127 8.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU034331.D (-1663) (-)



#50

Toluene-d8

Concen: 48.159 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VU034331.D

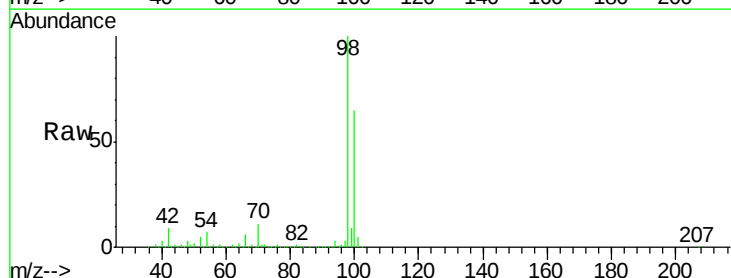
Acq: 06 Sep 2019 15:25

Tgt Ion: 98 Resp: 784149

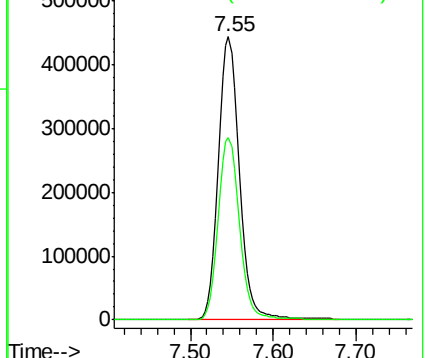
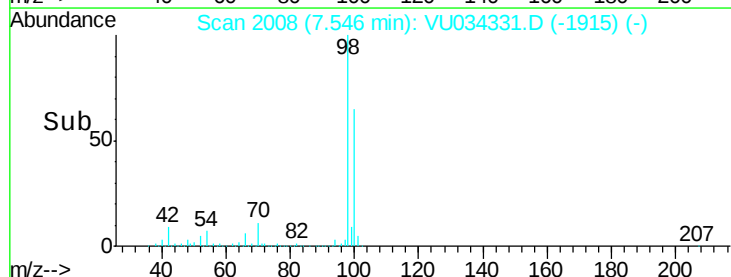
Ion Ratio Lower Upper

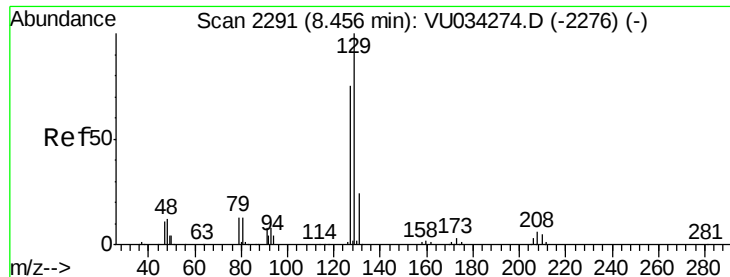
98 100

100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034331.D (-1915) (-)





#60

Dibromochloromethane

Concen: 1.942 ug/l

RT: 8.46 min Scan# 2293

Delta R.T. 0.01 min

Lab File: VU034331.D

Acq: 06 Sep 2019 15:25

Instrument :

MSVOA_U

ClientSampleId :

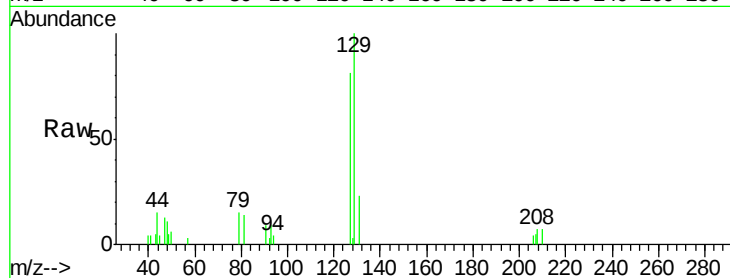
SINK

Tot Ion:129 Resp: 9669

Ion Ratio Lower Upper

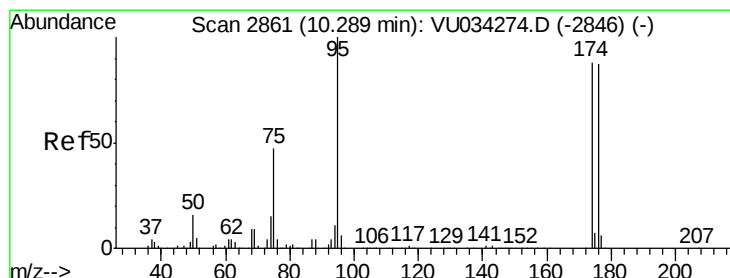
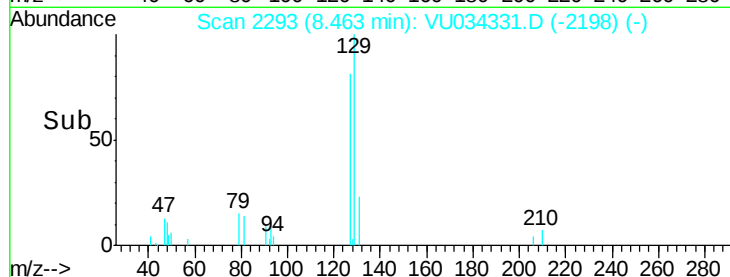
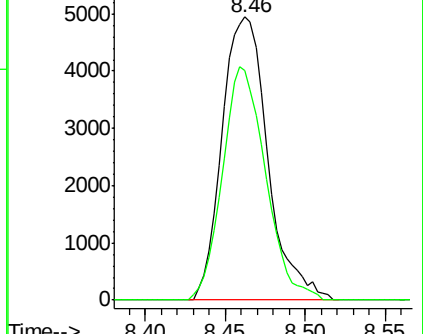
129 100

127 77.7 37.9 113.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 45.035 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034331.D

Acq: 06 Sep 2019 15:25

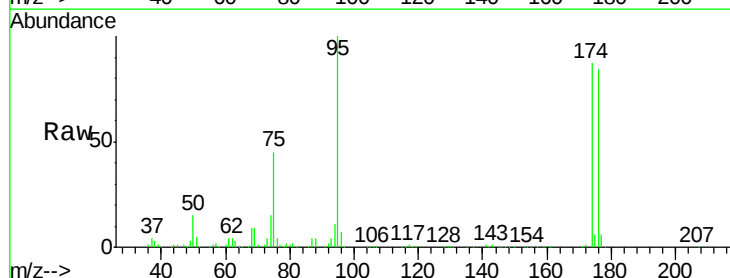
Tgt Ion: 95 Resp: 283114

Ion Ratio Lower Upper

95 100

174 87.4 0.0 175.2

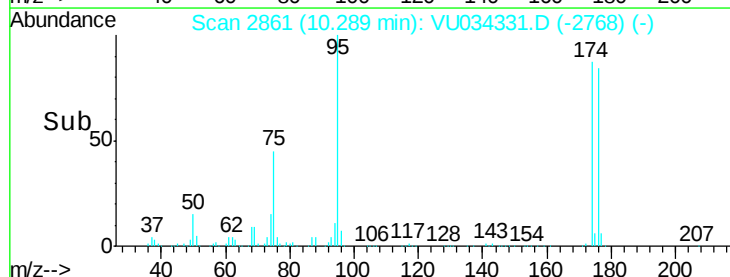
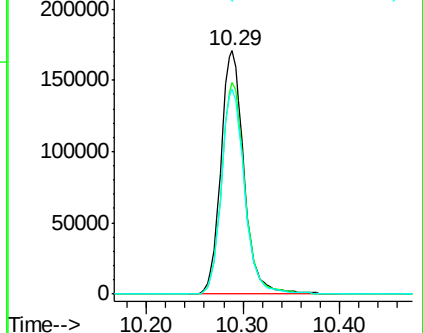
176 84.8 0.0 168.0

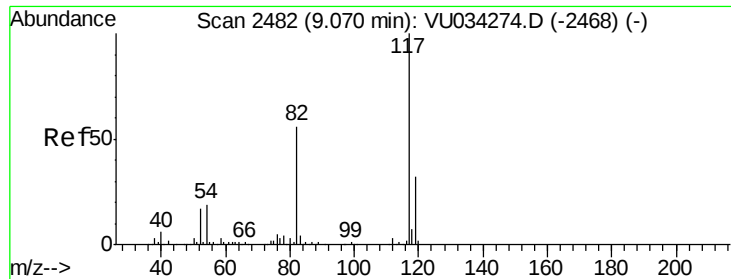


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

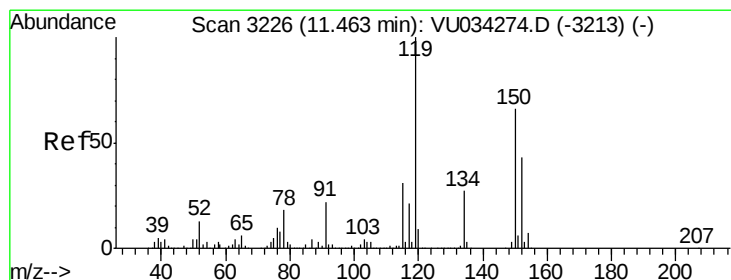
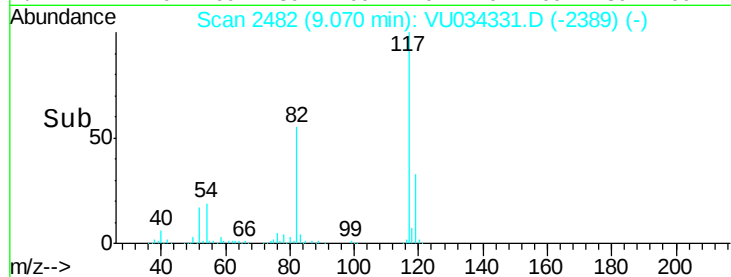
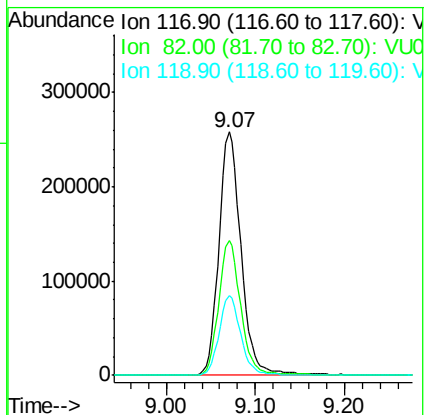
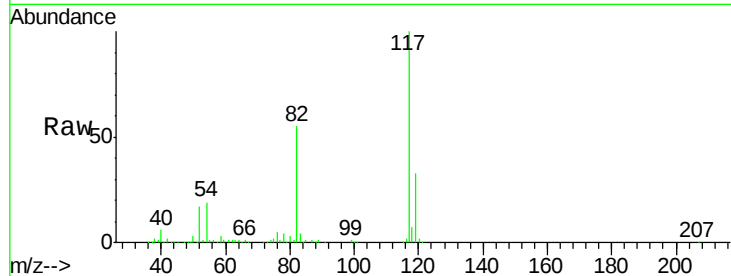




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034331.D
Acq: 06 Sep 2019 15:25

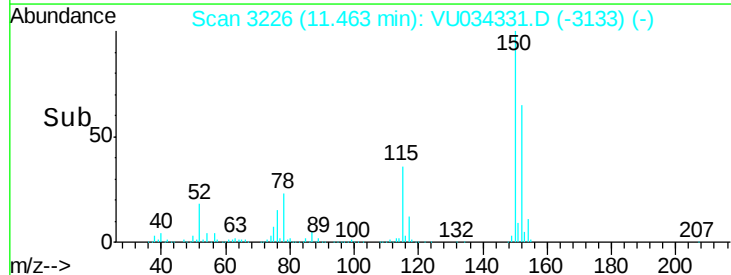
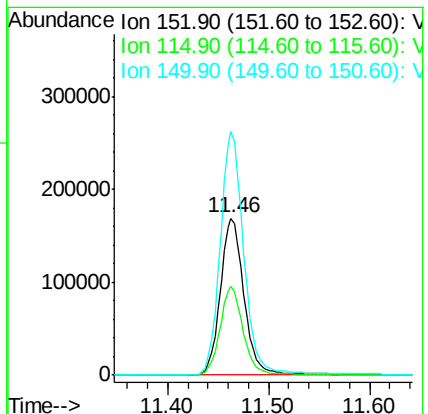
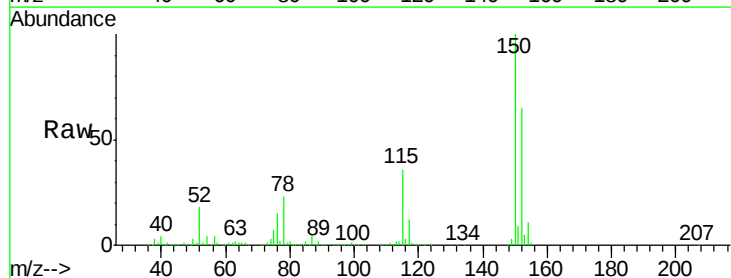
Instrument :
MSVOA_U
ClientSampleId :
SINK

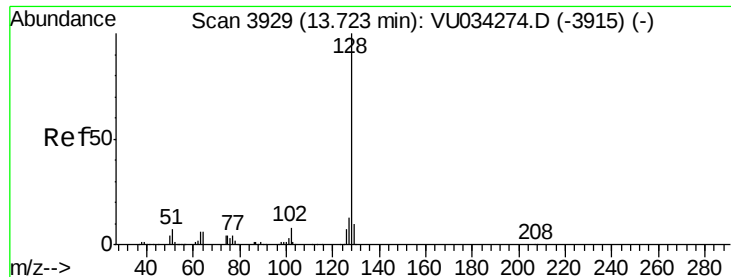
Tot Ion:117 Resp: 445922
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034331.D
Acq: 06 Sep 2019 15:25

Tgt Ion:152 Resp: 278659
Ion Ratio Lower Upper
152 100
115 54.9 39.1 117.3
150 155.0 0.0 345.4





#95
 Naphthalene
 Concen: 10.945 ug/l
 RT: 13.73 min Scan# 3931
 Delta R.T. 0.01 min
 Lab File: VU034331.D
 Acq: 06 Sep 2019 15:25

Instrument :
 MSVOA_U
 ClientSampleId :
 SINK

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.6	15.8
129	10.0	8.4	12.6

