

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083019\
 Data File : VU034064.D
 Acq On : 29 Aug 2019 16:04
 Operator : JC/SP
 Sample : K4596-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EB-4-082819

Quant Time: Aug 30 04:59:01 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

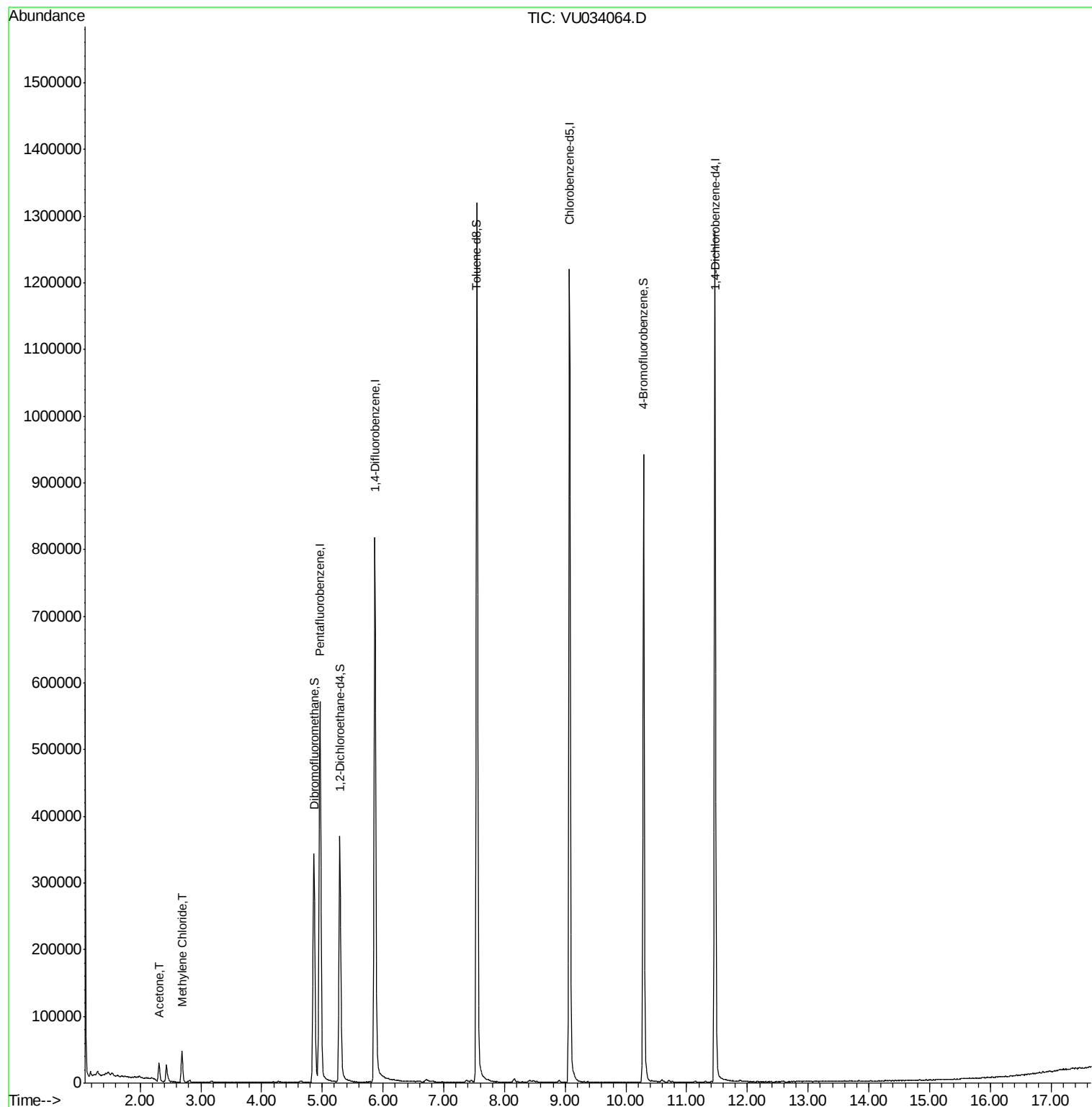
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	457020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	727220	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	704762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	351354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	293376	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
35) Dibromofluoromethane	4.86	113	243562	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
50) Toluene-d8	7.55	98	930866	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	10.29	95	326861	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	
Target Compounds						
16) Acetone	2.31	43	29675	9.931	ug/l	99
20) Methylene Chloride	2.69	84	20863	3.688	ug/l	99

(#) = 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: VU034064.D

Acq: 29 Aug 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

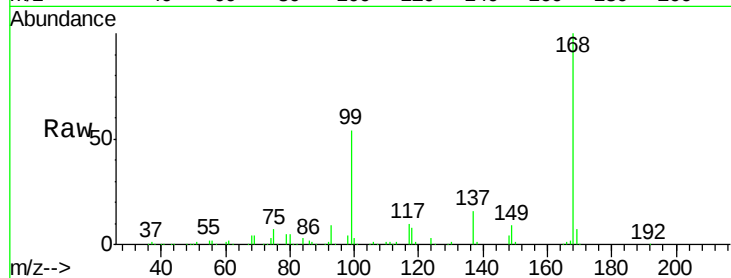
EB-4-082819

Tot Ion:168 Resp: 457020

Ion Ratio Lower Upper

168 100

99 53.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034064.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034064.D (-1185) (-)

4.96

200000

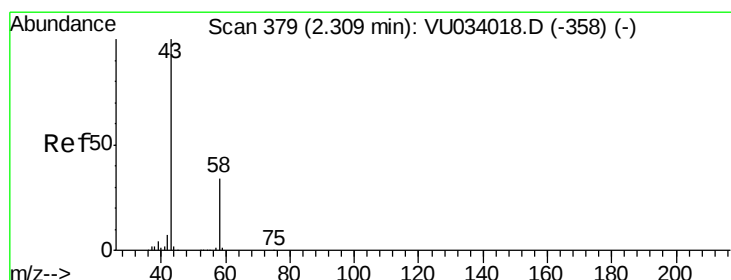
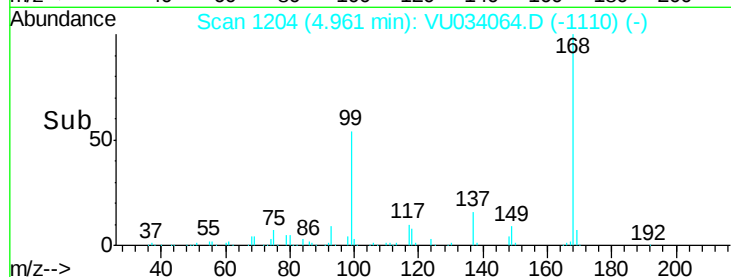
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.931 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034064.D

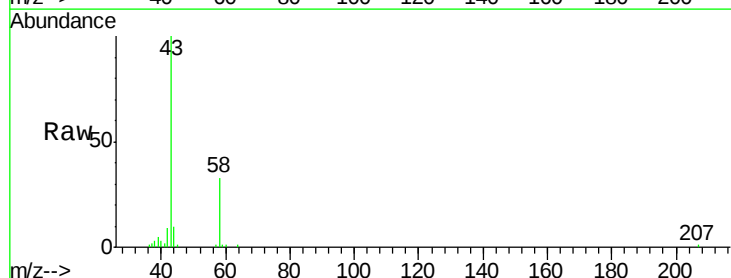
Acq: 29 Aug 2019 16:04

Tgt Ion: 43 Resp: 29675

Ion Ratio Lower Upper

43 100

58 33.8 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034064.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034064.D (-286) (-)

2.31

20000

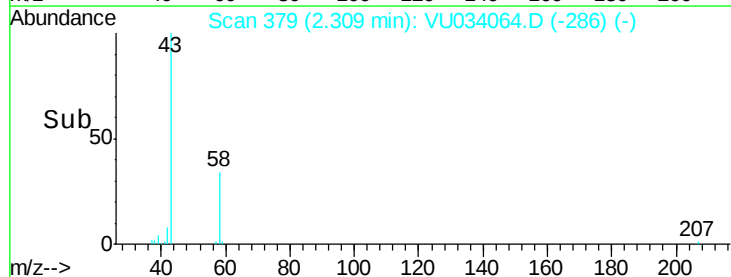
15000

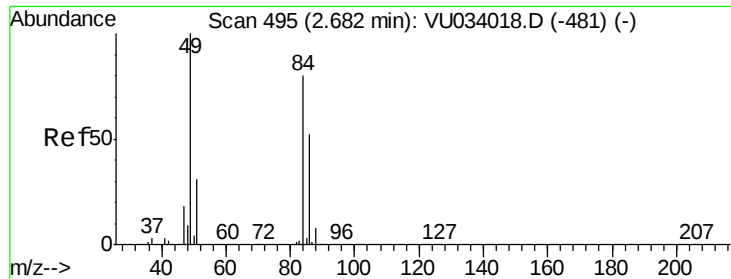
10000

5000

0

Time-->

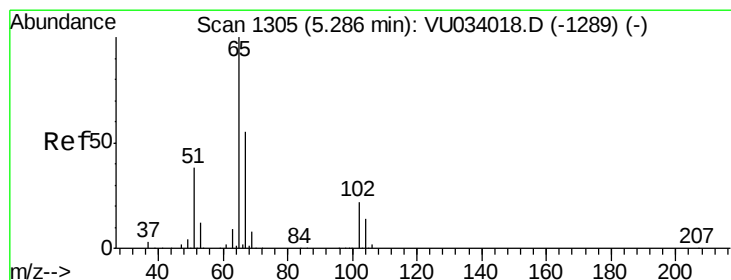
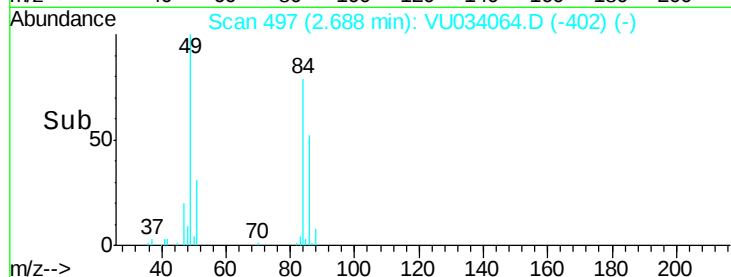
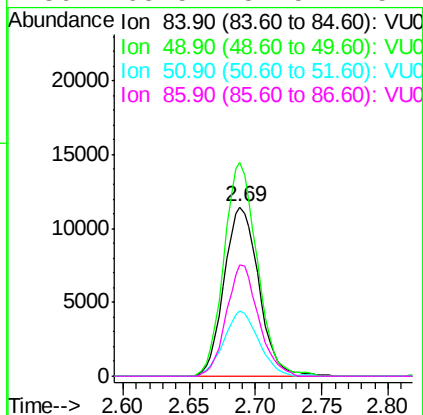
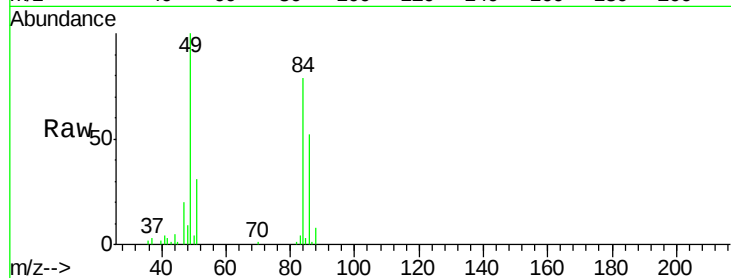




#20
Methylene Chloride
Concen: 3.688 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.01 min
Lab File: VU034064.D
Acq: 29 Aug 2019 16:04

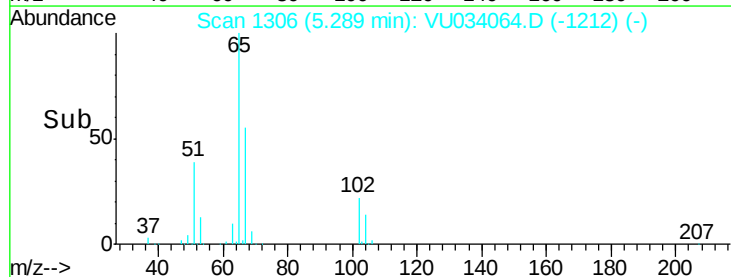
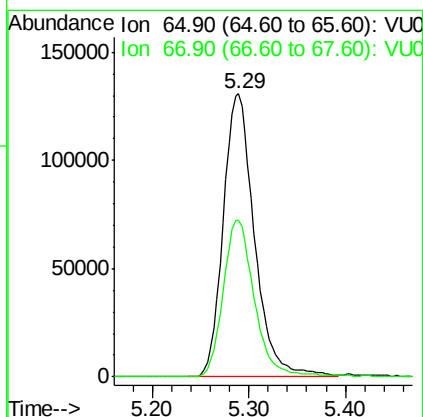
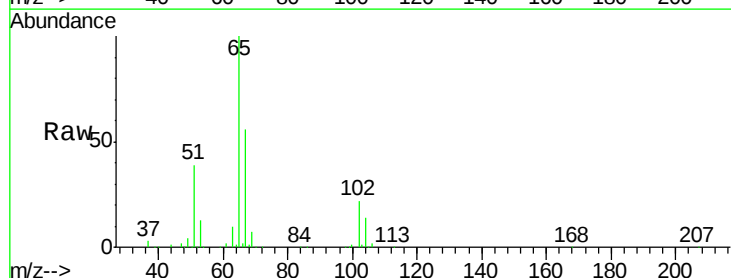
Instrument :
MSVOA_U
ClientSampleId :
EB-4-082819

Tot Ion: 84 Resp: 20863
Ion Ratio Lower Upper
84 100
49 126.4 100.2 150.4
51 38.6 30.8 46.2
86 65.5 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 50.098 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034064.D
Acq: 29 Aug 2019 16:04

Tgt Ion: 65 Resp: 293376
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.6

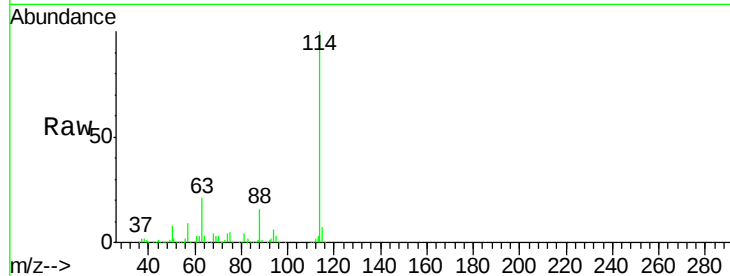




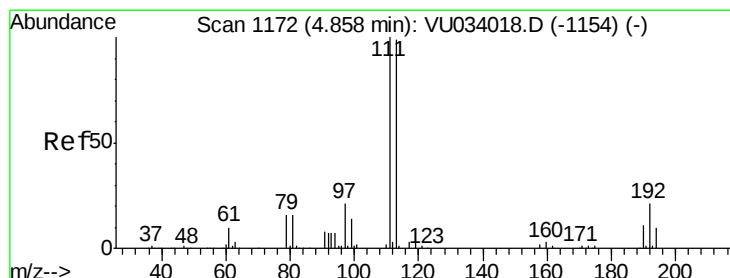
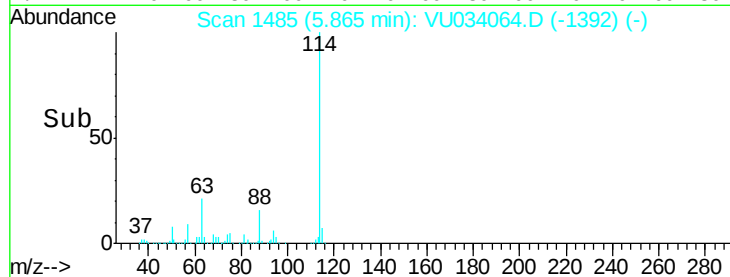
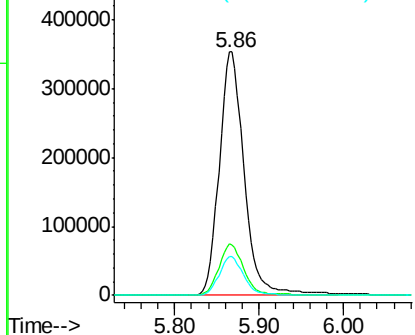
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034064.D
 Acq: 29 Aug 2019 16:04

Instrument :
 MSVOA_U
 ClientSampleId :
 EB-4-082819

Tot Ion:114 Resp: 727220
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.0
 88 15.9 0.0 32.0

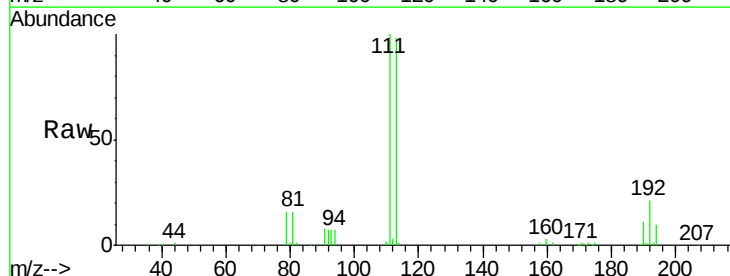


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

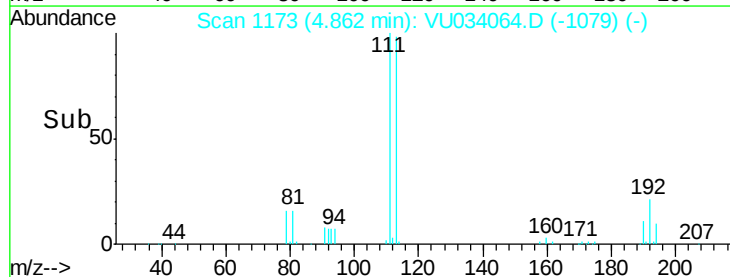
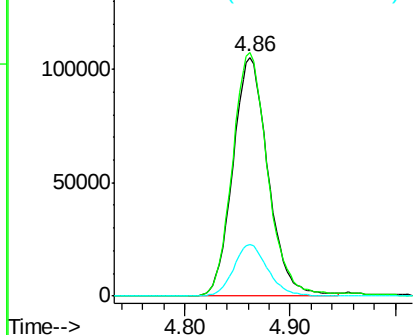


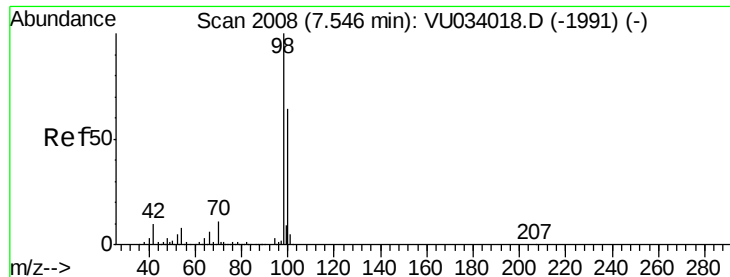
#35
 Dibromofluoromethane
 Concen: 48.288 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034064.D
 Acq: 29 Aug 2019 16:04

Tgt Ion:113 Resp: 243562
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.7 122.5
 192 21.1 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: 49.288 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034064.D

Acq: 29 Aug 2019 16:04

Instrument :

MSVOA_U

ClientSampleId :

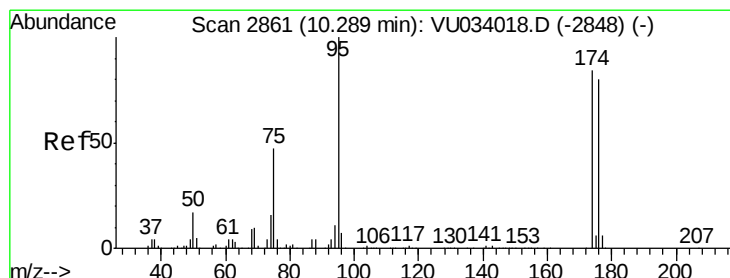
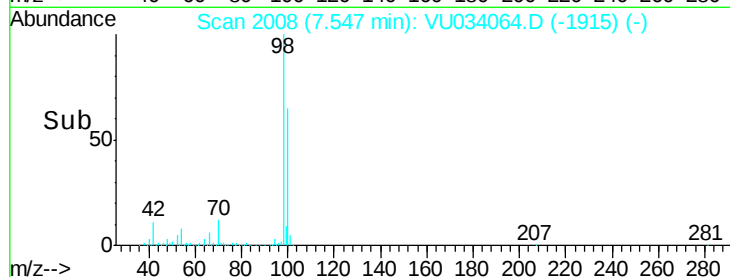
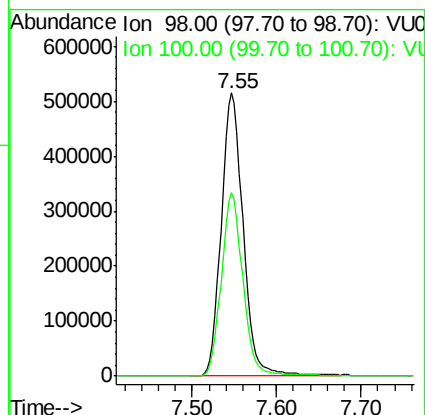
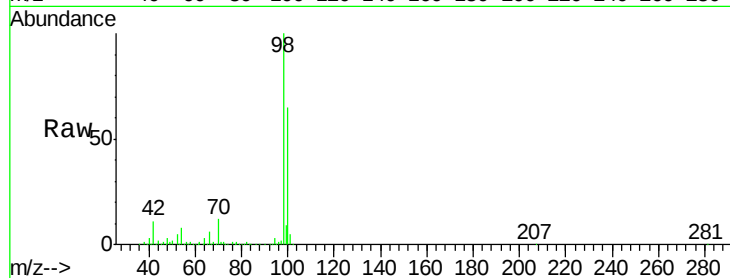
EB-4-082819

Tot Ion: 98 Resp: 930866

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 44.491 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034064.D

Acq: 29 Aug 2019 16:04

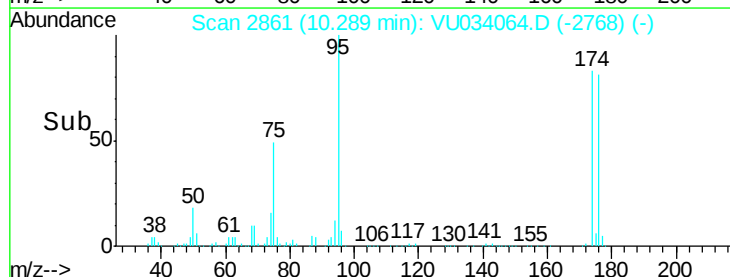
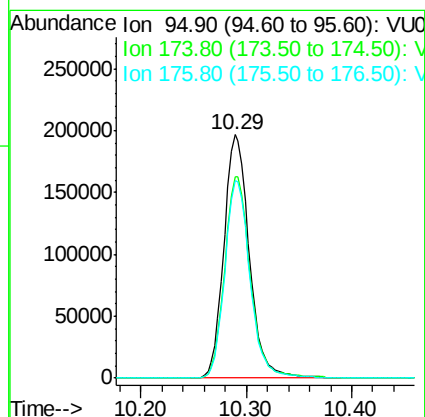
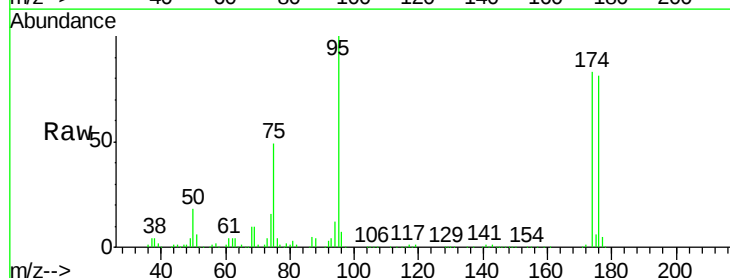
Tgt Ion: 95 Resp: 326861

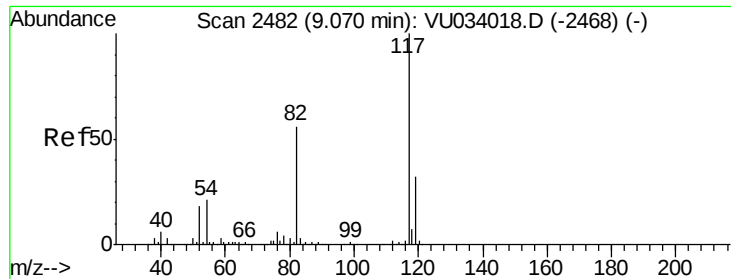
Ion Ratio Lower Upper

95 100

174 84.2 0.0 168.8

176 81.0 0.0 161.8

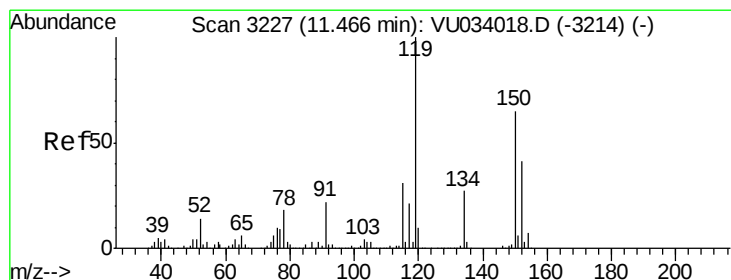
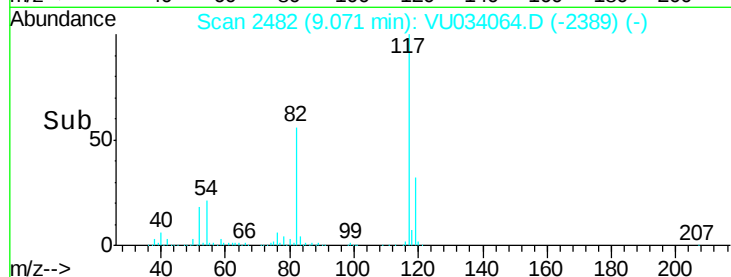
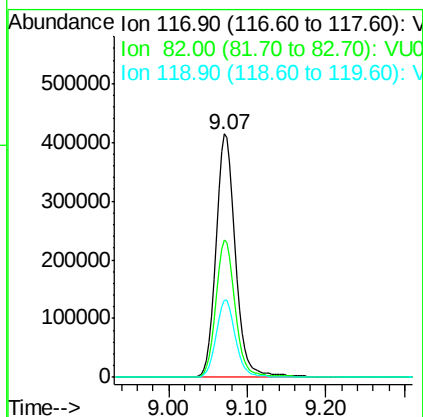
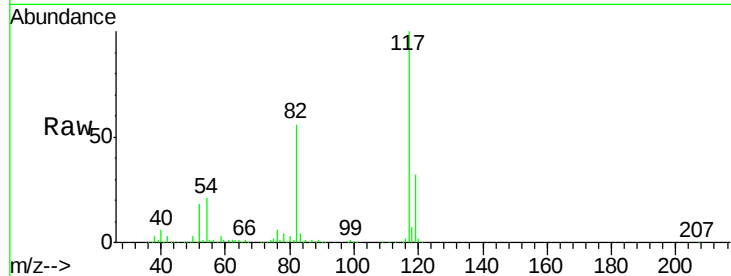




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034064.D
Acq: 29 Aug 2019 16:04

Instrument :
MSVOA_U
ClientSampled :
EB-4-082819

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.1	67.7
119	31.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034064.D
Acq: 29 Aug 2019 16:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	41.1	123.3
150	157.2	0.0	348.8

