

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034311.D
 Acq On : 06 Sep 2019 02:00
 Operator : JC/SP
 Sample : K4579-29
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-12-B4-(0)

Quant Time: Sep 06 08:56:07 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

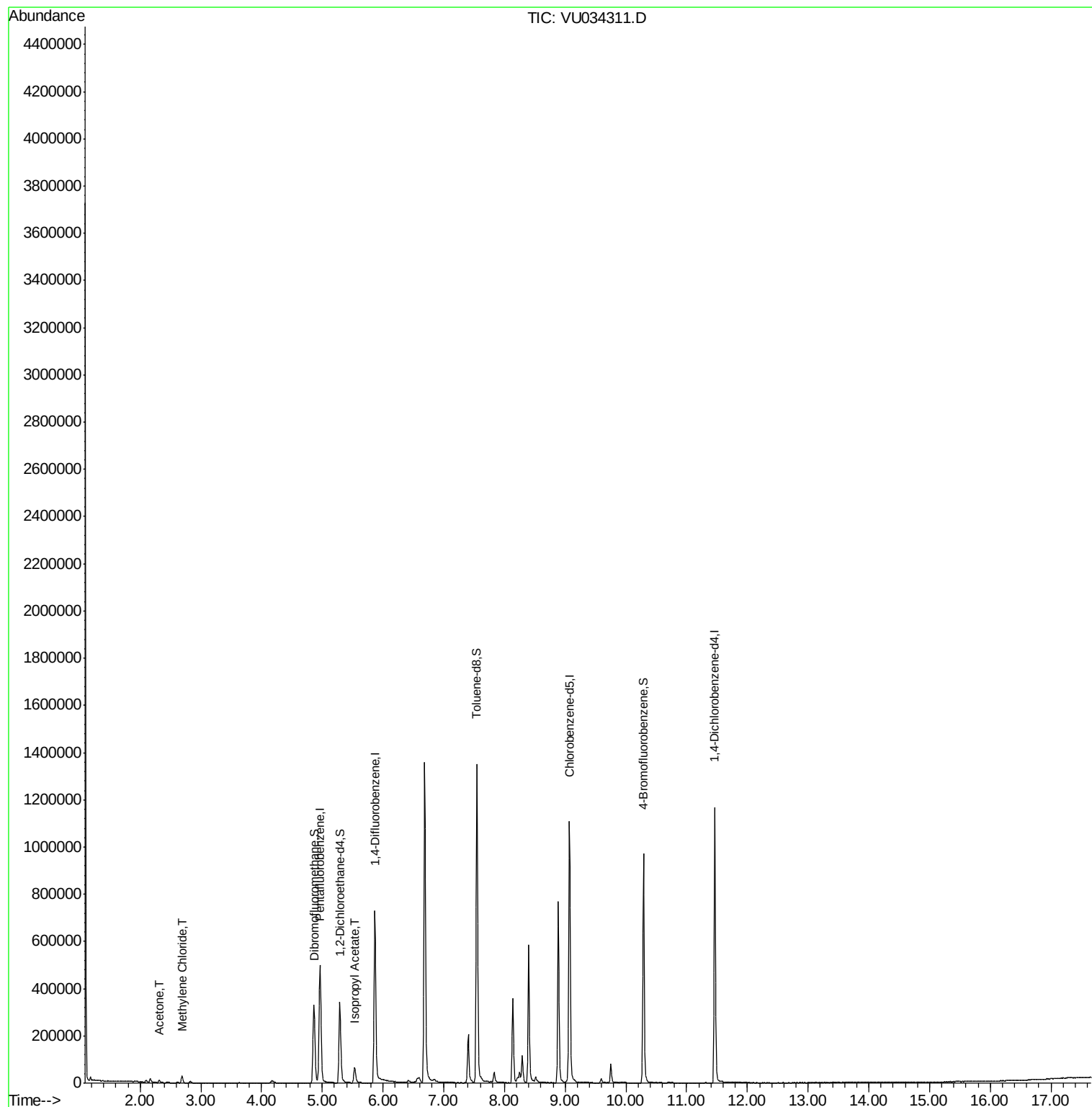
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	417449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	651992	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	664052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	326625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	269385	42.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.30%	
35) Dibromofluoromethane	4.86	113	236254	38.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.88%	
50) Toluene-d8	7.55	98	944731	41.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.90%	
62) 4-Bromofluorobenzene	10.29	95	333676	37.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.84%	
Target Compounds						
16) Acetone	2.31	43	12294	3.761	ug/l	99
20) Methylene Chloride	2.69	84	12854	2.017	ug/l	95
43) Isopropyl Acetate	5.53	43	82158	6.300	ug/l	98

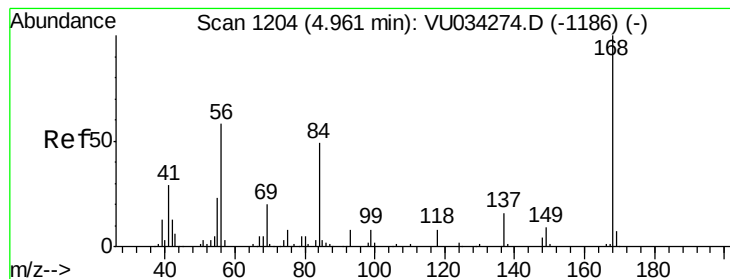
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034311.D

Acq: 06 Sep 2019 02:00

Instrument :

MSVOA_U

ClientSampleId :

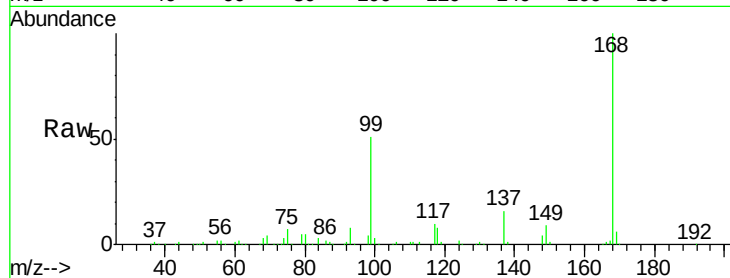
PAR-12-B4-(0)

Tot Ion:168 Resp: 417449

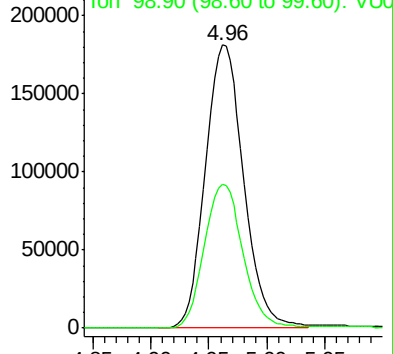
Ion Ratio Lower Upper

168 100

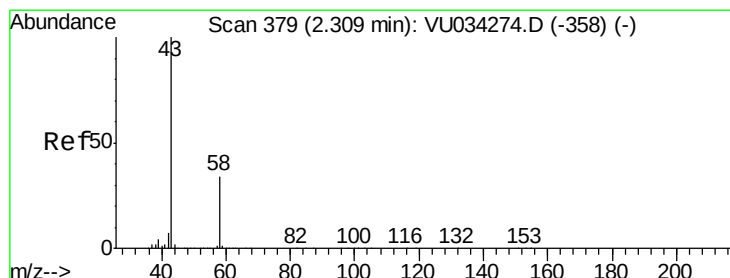
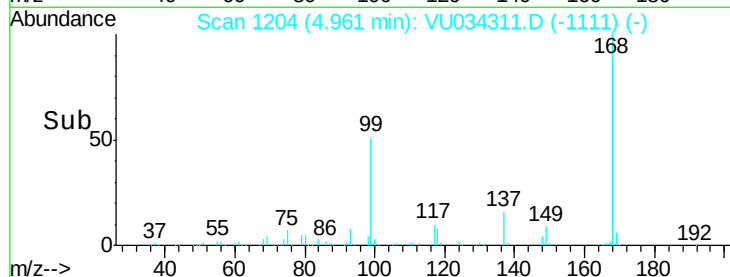
99 51.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034311.D (-1111) (-)



Time--> 4.85 4.90 4.95 5.00 5.05



#16

Acetone

Concen: 3.761 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034311.D

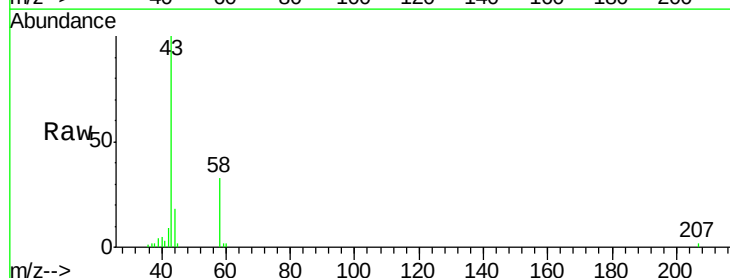
Acq: 06 Sep 2019 02:00

Tgt Ion: 43 Resp: 12294

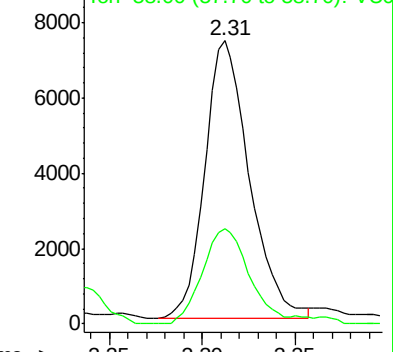
Ion Ratio Lower Upper

43 100

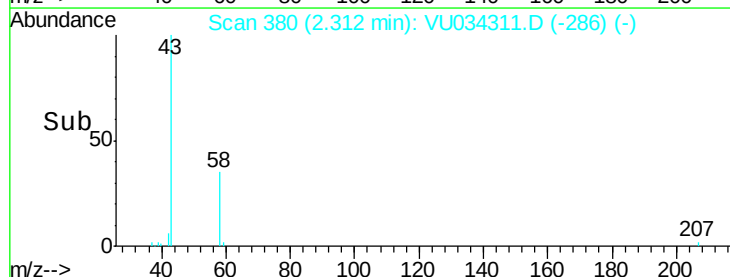
58 34.1 27.6 41.4

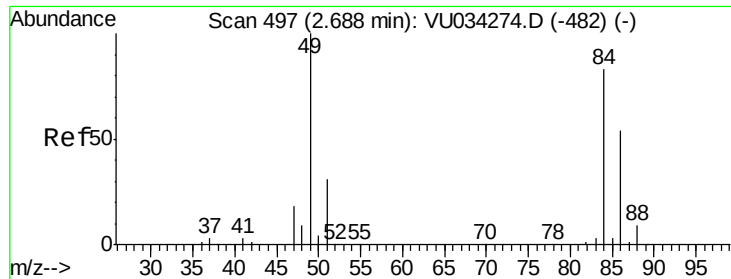


Abundance Ion 43.00 (42.70 to 43.70): VU034311.D (-286) (-)



Time--> 2.25 2.30 2.35

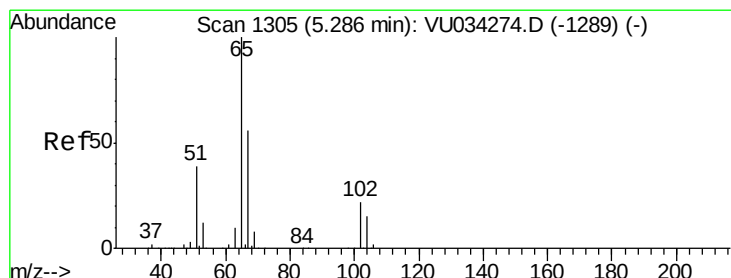
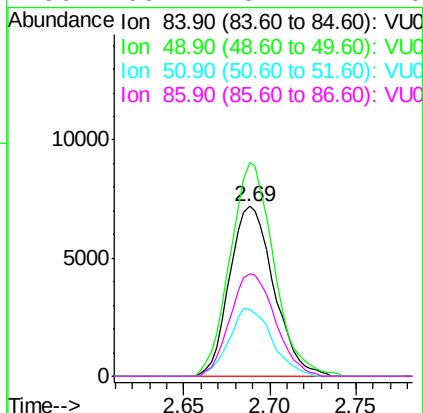
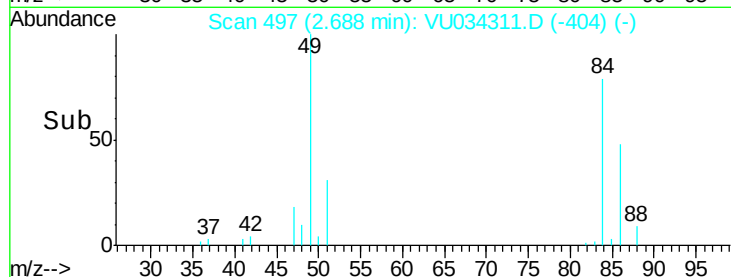
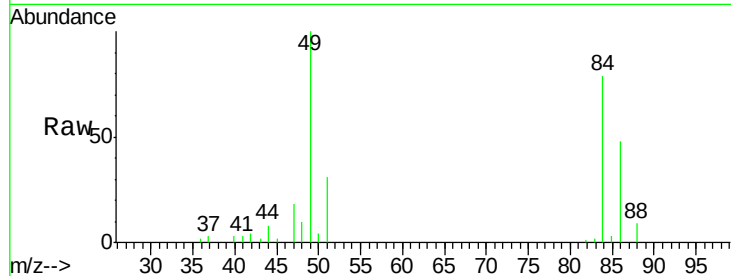




#20
Methvlene Chloride
Concen: 2.017 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034311.D
Acq: 06 Sep 2019 02:00

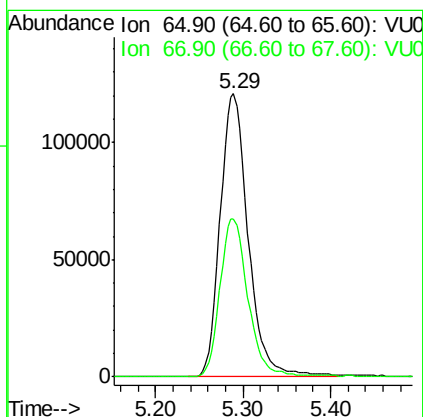
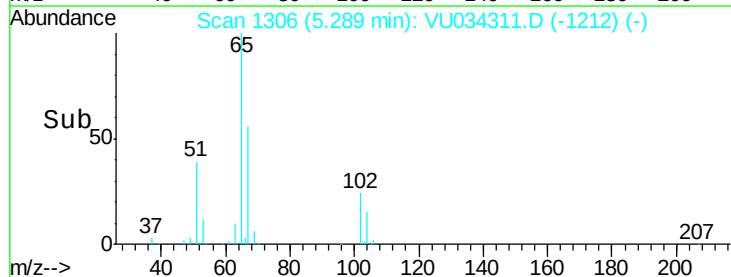
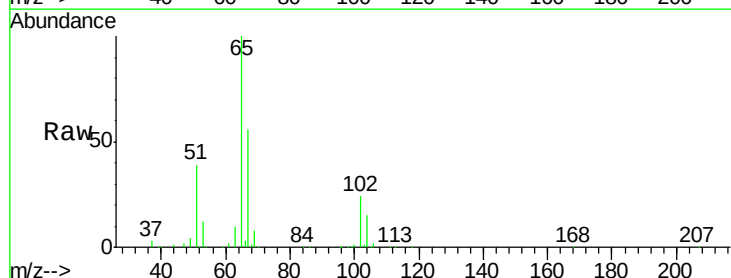
Instrument :
MSVOA_U
ClientSampleId :
PAR-12-B4-(0)

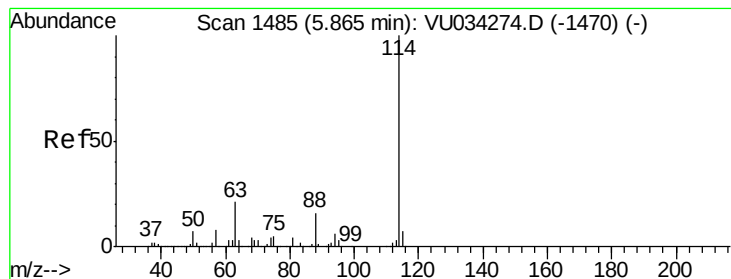
Tot Ion: 84 Resp: 12854
Ion Ratio Lower Upper
84 100
49 125.8 96.0 144.0
51 39.0 30.0 45.0
86 60.4 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 42.650 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034311.D
Acq: 06 Sep 2019 02:00

Tgt Ion: 65 Resp: 269385
Ion Ratio Lower Upper
65 100
67 56.3 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034311.D

Acq: 06 Sep 2019 02:00

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-B4-(0)

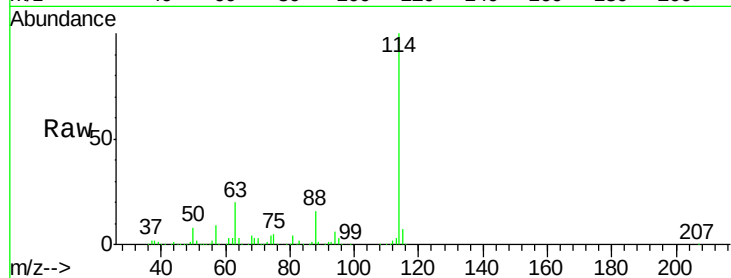
Tot Ion:114 Resp: 651992

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

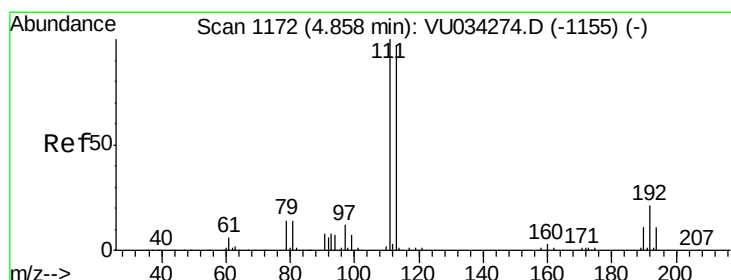
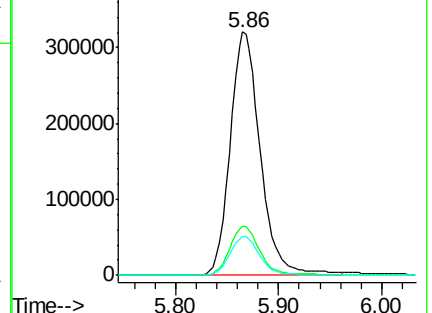
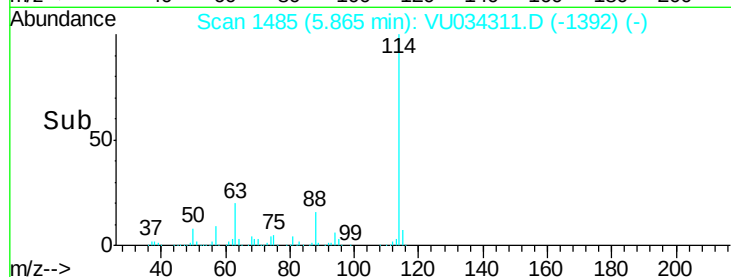
88 15.7 0.0 32.4



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: 38.942 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034311.D

Acq: 06 Sep 2019 02:00

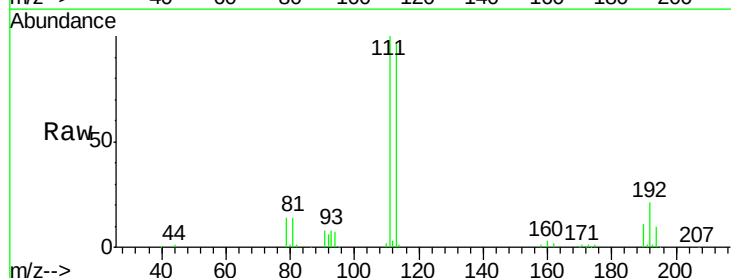
Tgt Ion:113 Resp: 236254

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

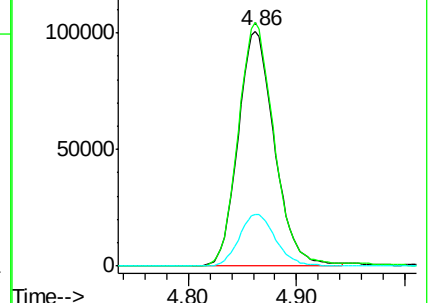
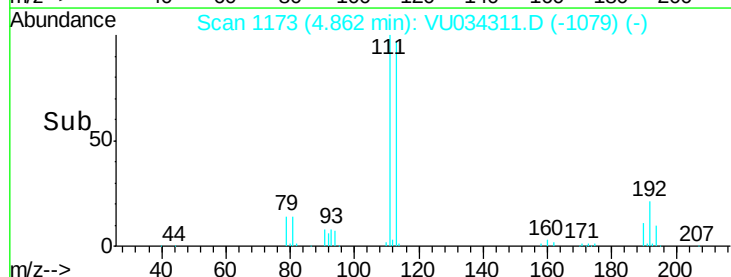
192 22.4 17.8 26.8

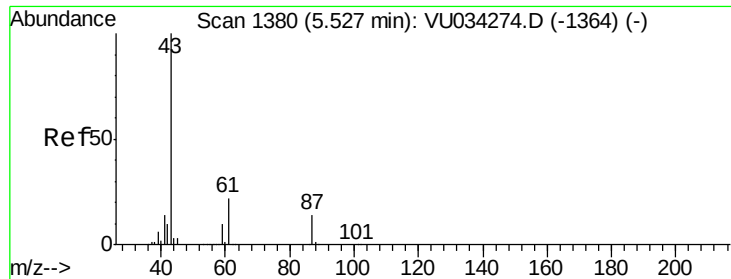


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

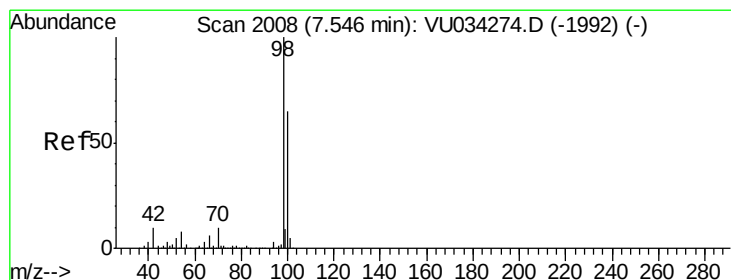
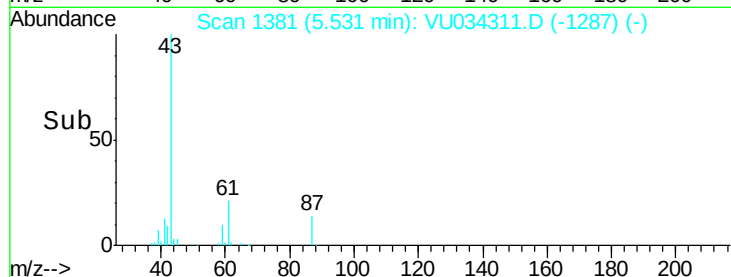
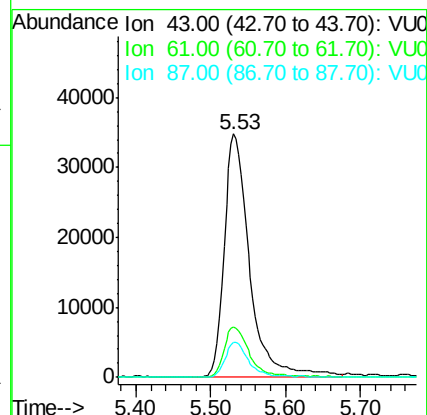
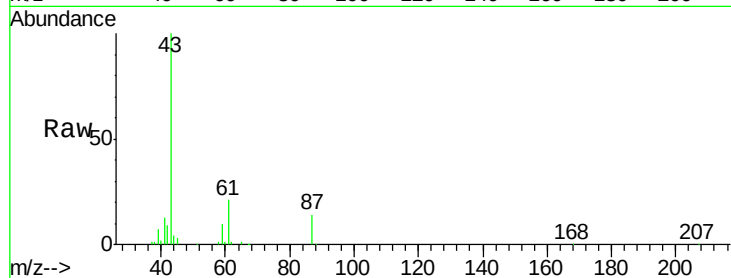




#43
Isopropyl Acetate
Concen: 6.300 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034311.D
Acq: 06 Sep 2019 02:00

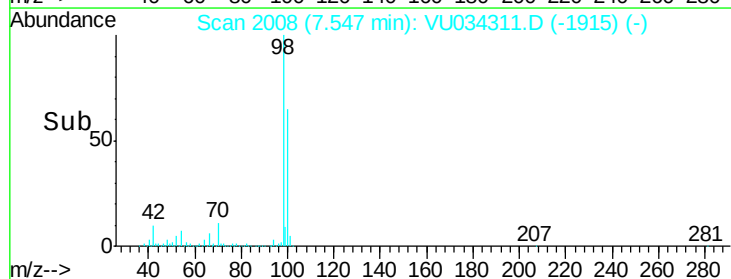
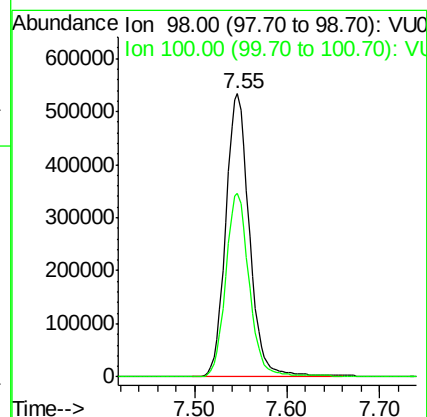
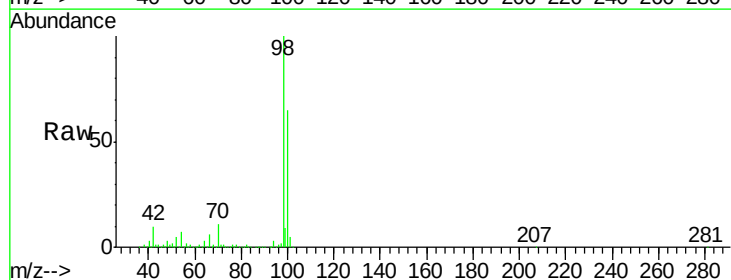
Instrument :
MSVOA_U
ClientSampleId :
PAR-12-B4-(0)

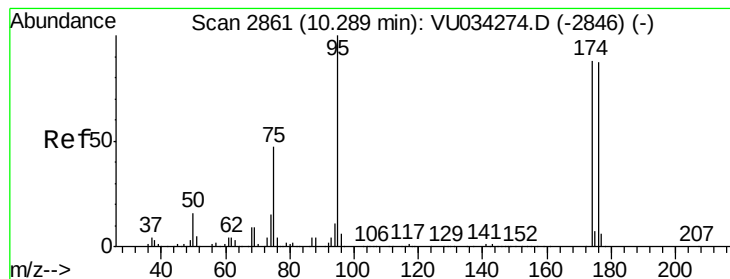
Tot Ion: 43 Resp: 82158
Ion Ratio Lower Upper
43 100
61 20.5 17.1 25.7
87 13.1 11.1 16.7



#50
Toluene-d8
Concen: 41.448 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034311.D
Acq: 06 Sep 2019 02:00

Tgt Ion: 98 Resp: 944731
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 37.917 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034311.D

Acq: 06 Sep 2019 02:00

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-B4-(0)

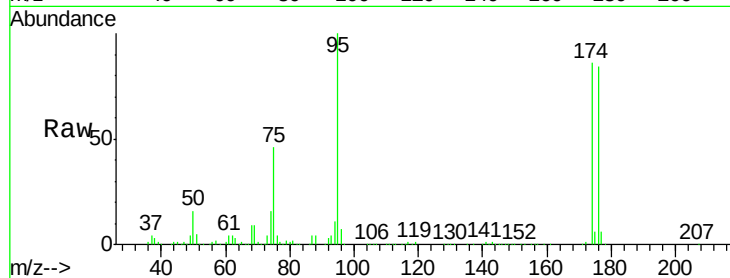
Tot Ion: 95 Resp: 333676

Ion Ratio Lower Upper

95 100

174 87.0 0.0 175.2

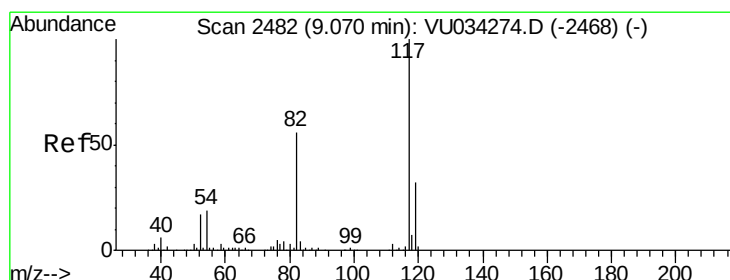
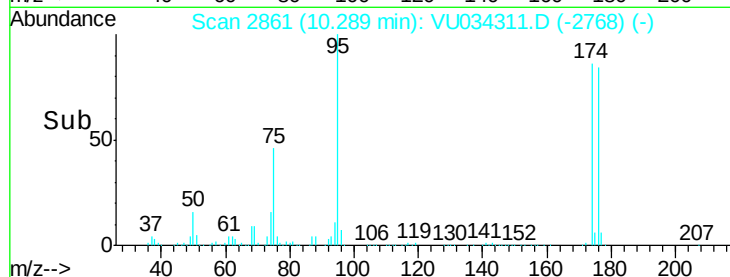
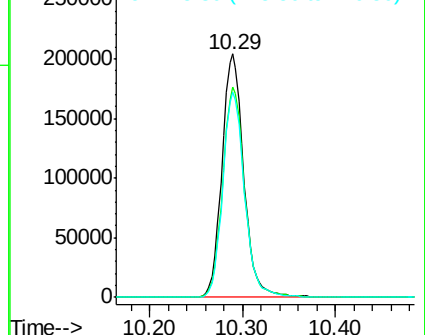
176 84.0 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): VU0

Ion 175.80 (175.50 to 176.50): VU0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034311.D

Acq: 06 Sep 2019 02:00

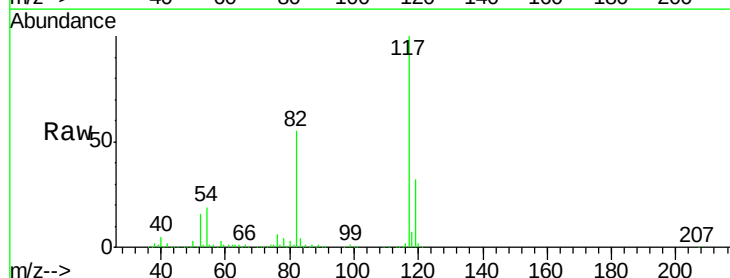
Tgt Ion: 117 Resp: 664052

Ion Ratio Lower Upper

117 100

82 55.2 44.6 67.0

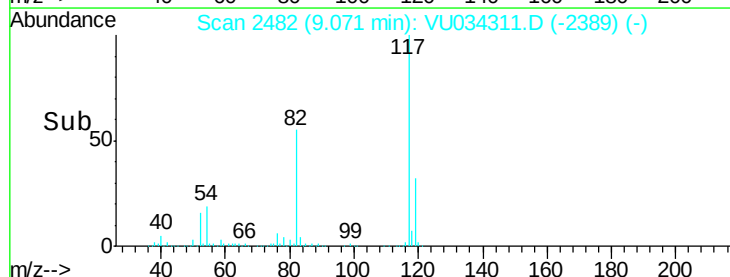
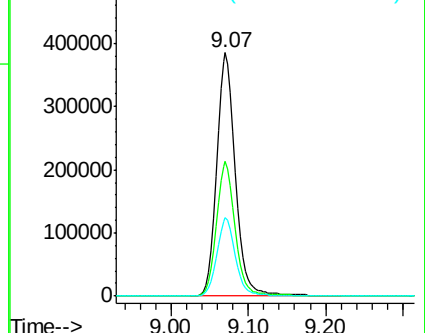
119 32.4 25.9 38.9

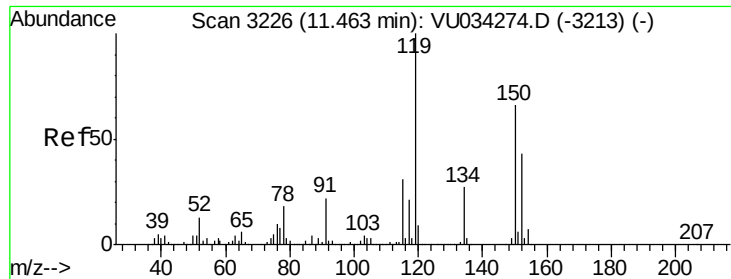


Abundance Ion 116.90 (116.60 to 117.60): VU0

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034311.D

Acq: 06 Sep 2019 02:00

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-B4-(0)

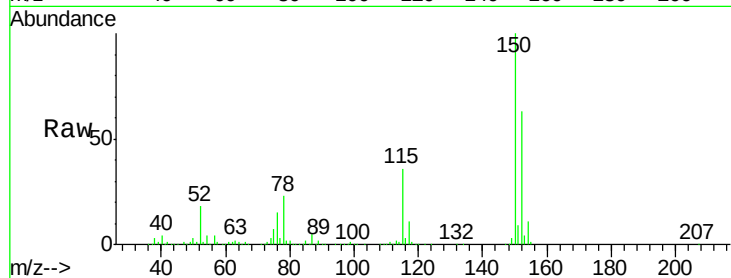
Tot Ion:152 Resp: 326625

Ion Ratio Lower Upper

152 100

115 57.1 39.1 117.3

150 156.9 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

