

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034304.D
 Acq On : 05 Sep 2019 23:17
 Operator : JC/SP
 Sample : K4579-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-12-A4-(0)

Quant Time: Sep 06 08:44:07 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

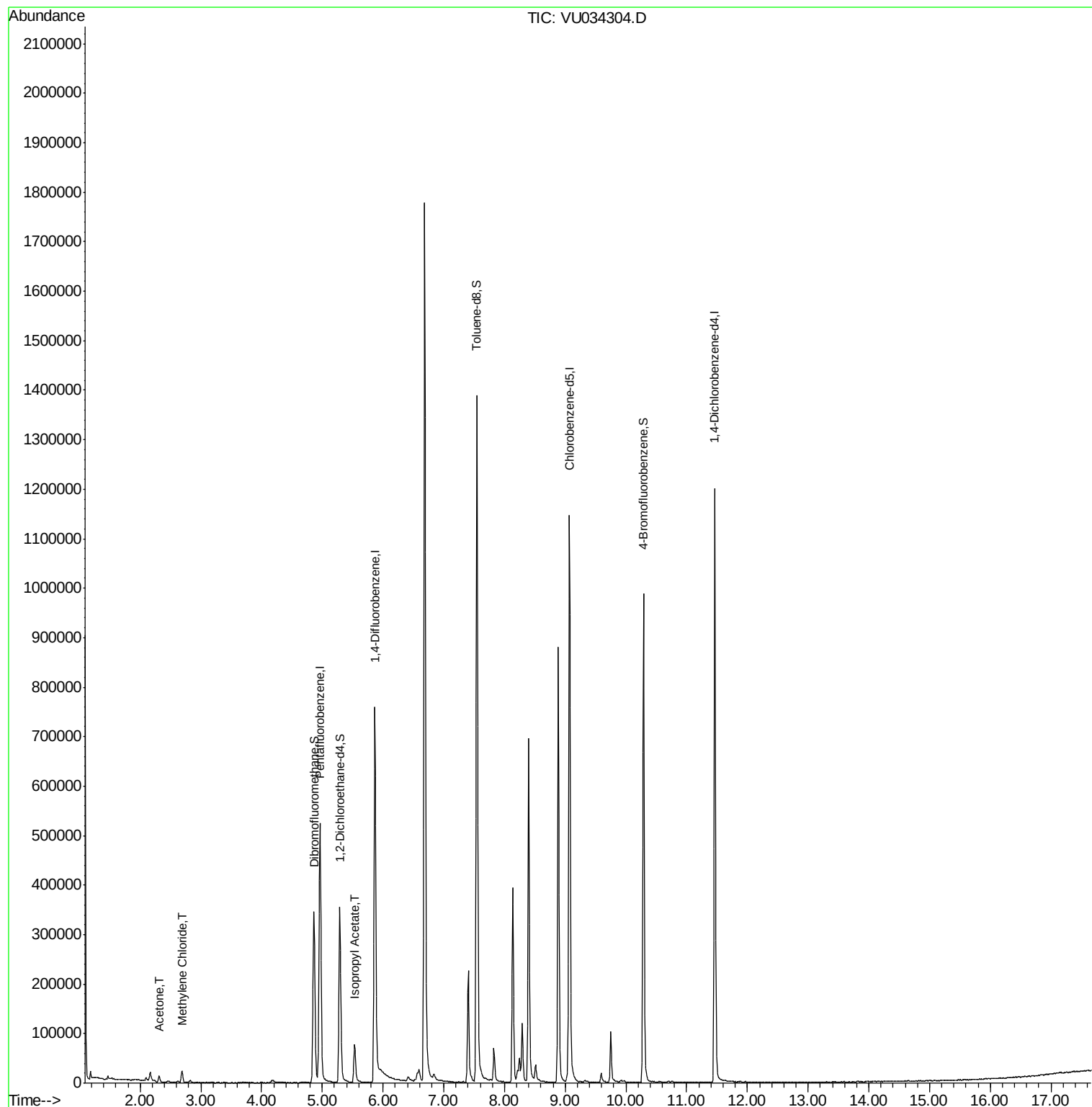
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	430365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	672207	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	683211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	333718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	281594	43.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.50%	
35) Dibromofluoromethane	4.86	113	247057	39.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.00%	
50) Toluene-d8	7.55	98	972983	41.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.80%	
62) 4-Bromofluorobenzene	10.29	95	340902	37.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.14%	
Target Compounds						
16) Acetone	2.31	43	14013	4.159	ug/l	99
20) Methylene Chloride	2.69	84	11218	1.646	ug/l	97
43) Isopropyl Acetate	5.53	43	92575	6.885	ug/l	100

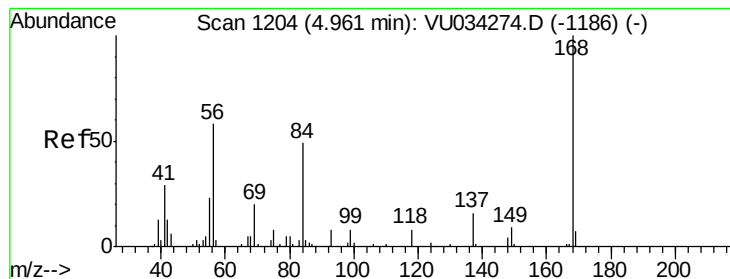
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034304.D

Acq: 05 Sep 2019 23:17

Instrument :

MSVOA_U

ClientSampleId :

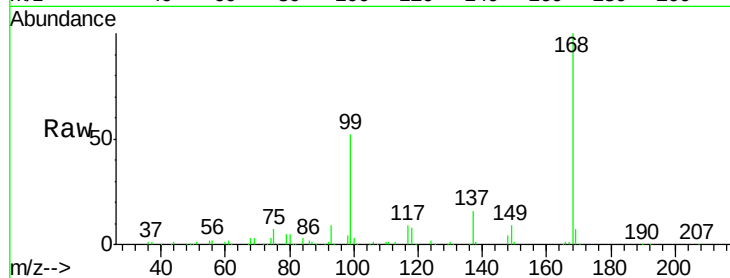
PAR-12-A4-(0)

Tot Ion:168 Resp: 430365

Ion Ratio Lower Upper

168 100

99 52.1 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

200000

150000

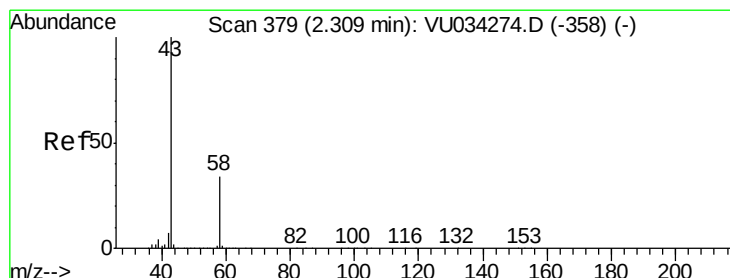
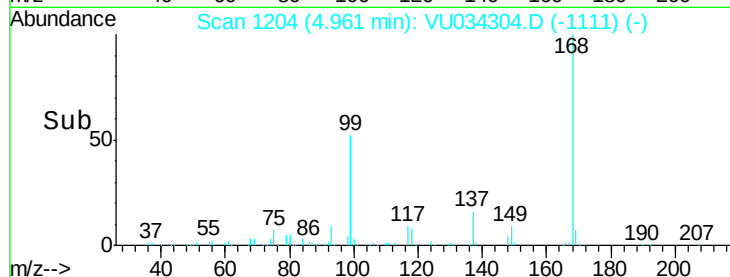
100000

50000

0

4.85 4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 4.159 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034304.D

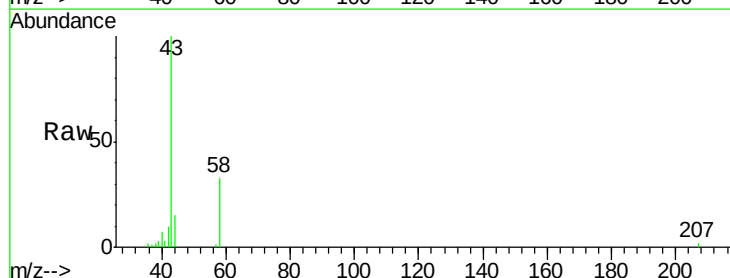
Acq: 05 Sep 2019 23:17

Tgt Ion: 43 Resp: 14013

Ion Ratio Lower Upper

43 100

58 33.9 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

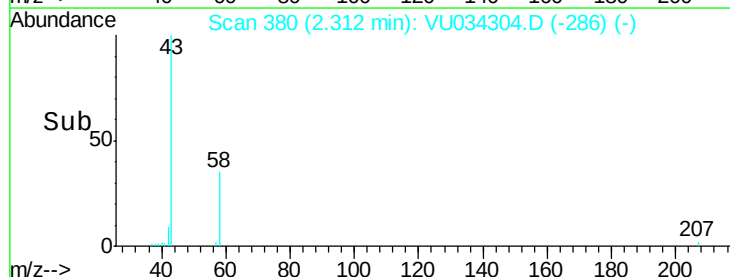
4000

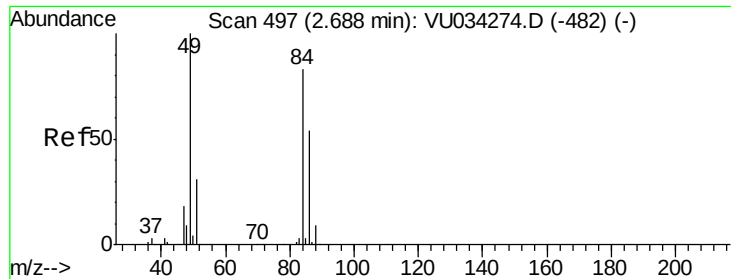
2000

0

2.25 2.30 2.35 2.40

Time-->

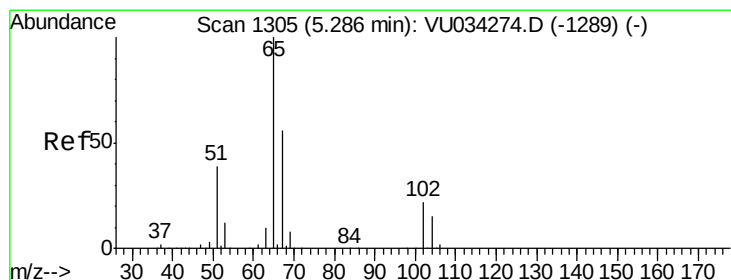
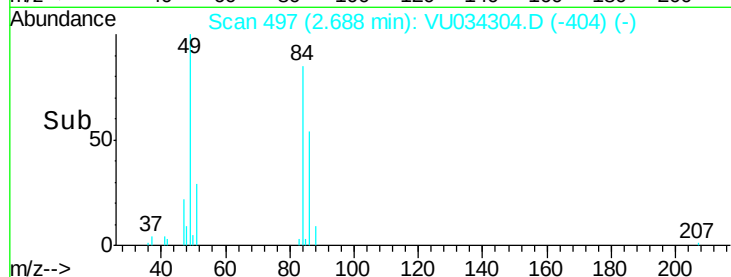
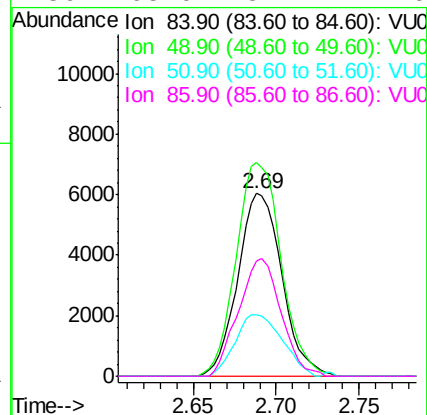
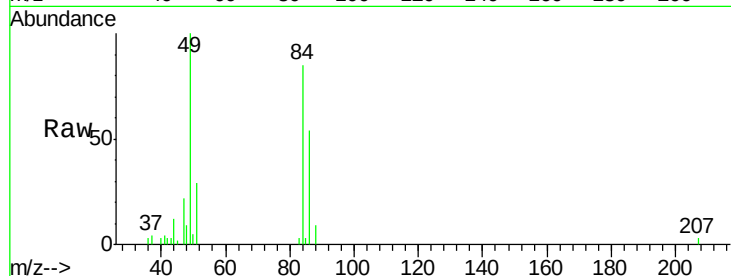




#20
Methylene Chloride
Concen: 1.646 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034304.D
Acq: 05 Sep 2019 23:17

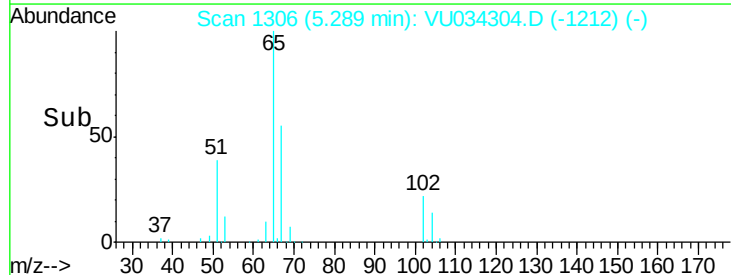
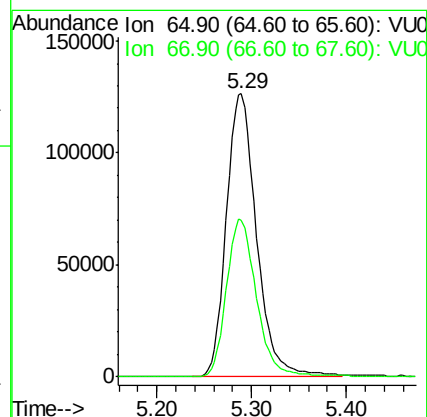
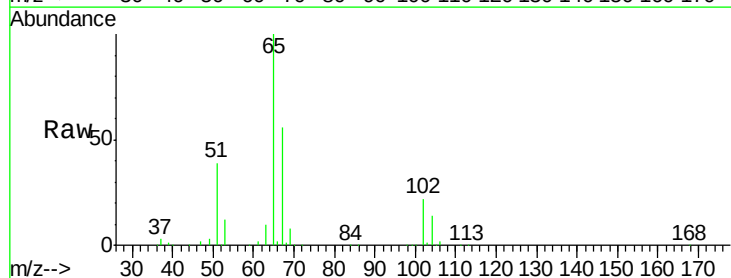
Instrument :
MSVOA_U
ClientSampleId :
PAR-12-A4-(0)

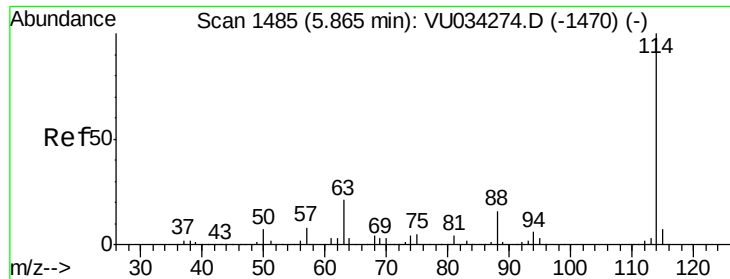
Tot Ion: 84 Resp: 11218
Ion Ratio Lower Upper
84 100
49 117.1 96.0 144.0
51 33.8 30.0 45.0
86 63.0 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 43.245 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034304.D
Acq: 05 Sep 2019 23:17

Tgt Ion: 65 Resp: 281594
Ion Ratio Lower Upper
65 100
67 55.1 0.0 112.4

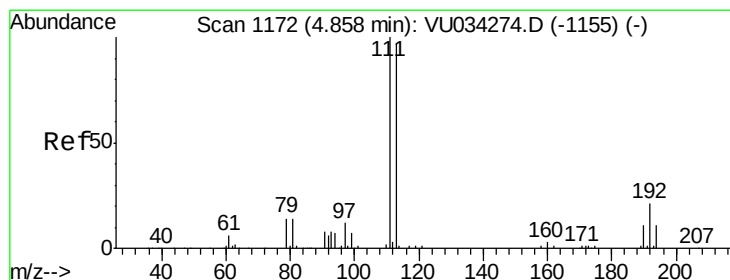
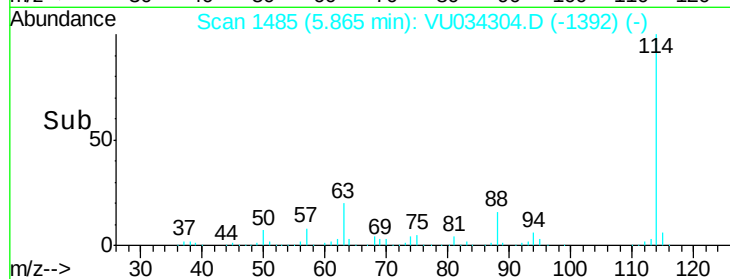
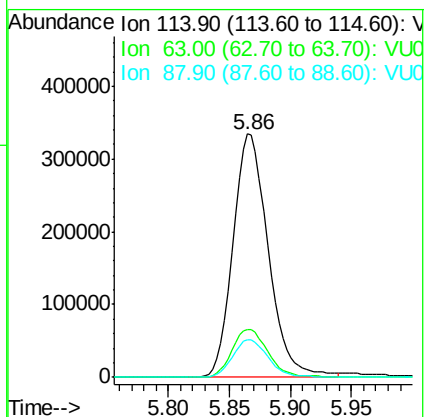
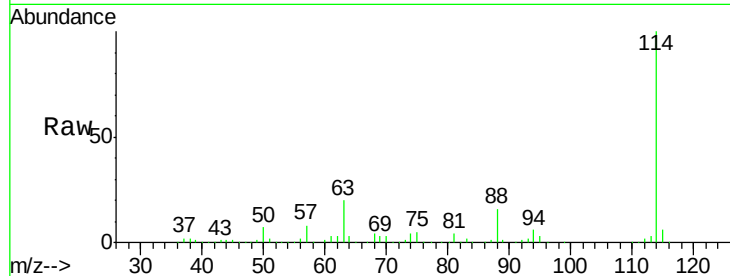




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034304.D
 Acq: 05 Sep 2019 23:17

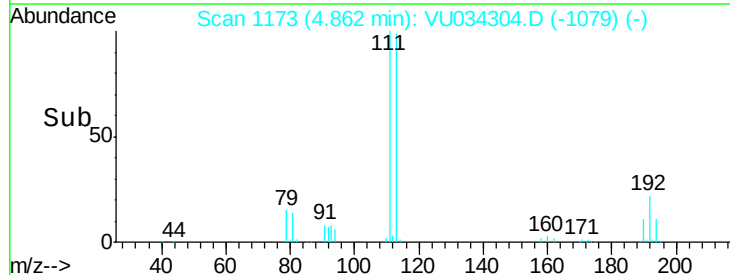
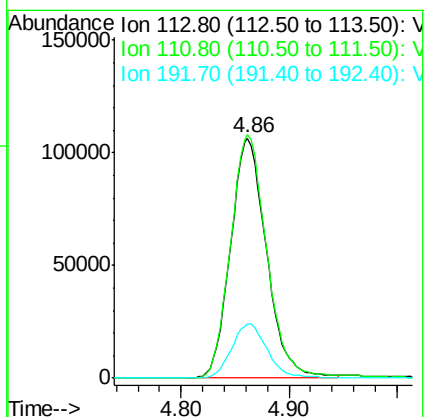
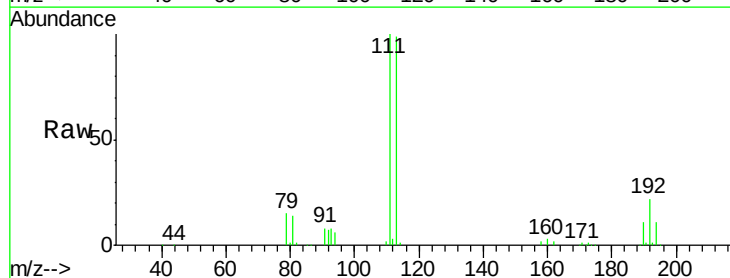
Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-12-A4-(0)

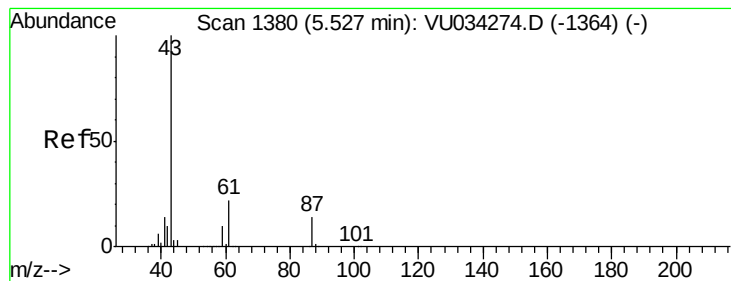
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.4
88	15.7	0.0	32.4



#35
 Dibromofluoromethane
 Concen: 39.498 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034304.D
 Acq: 05 Sep 2019 23:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.5	122.3
192	22.1	17.8	26.8





#43

Isopropyl Acetate

Concen: 6.885 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034304.D

Acq: 05 Sep 2019 23:17

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-A4-(0)

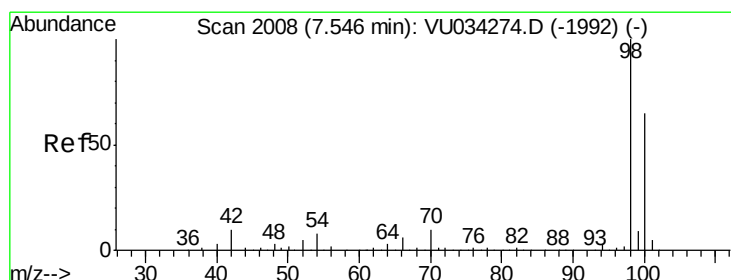
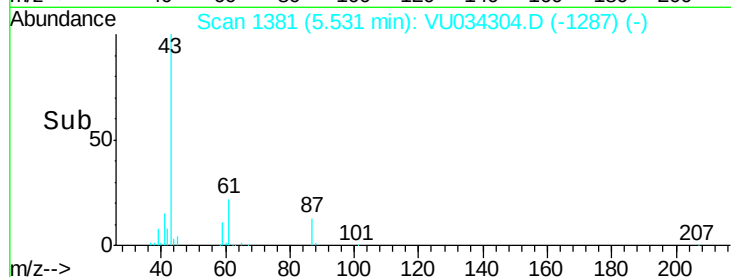
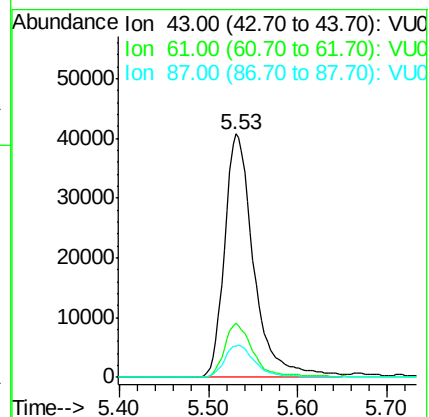
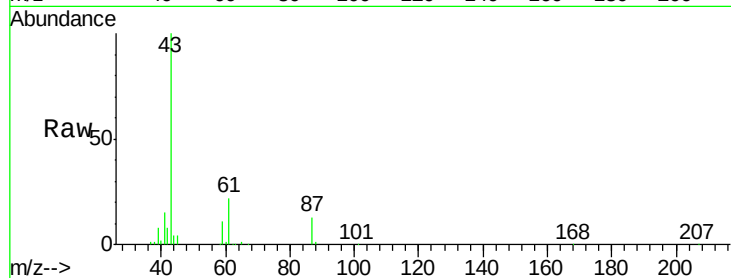
Tot Ion: 43 Resp: 92575

Ion Ratio Lower Upper

43 100

61 21.6 17.1 25.7

87 13.7 11.1 16.7



#50

Toluene-d8

Concen: 41.404 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034304.D

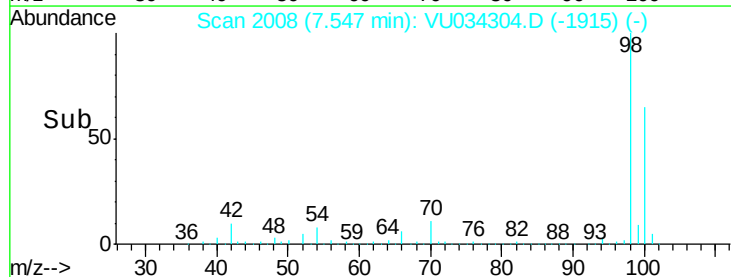
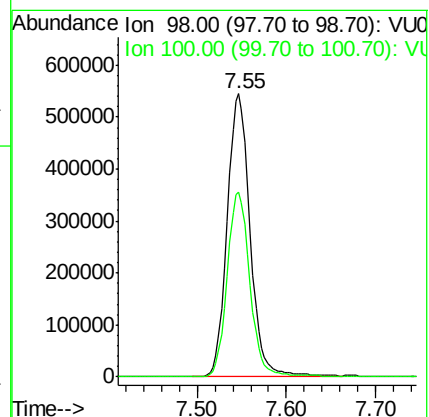
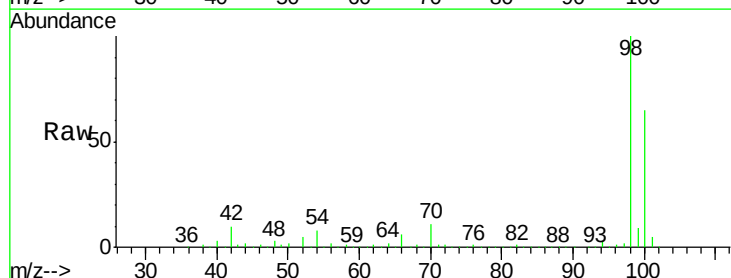
Acq: 05 Sep 2019 23:17

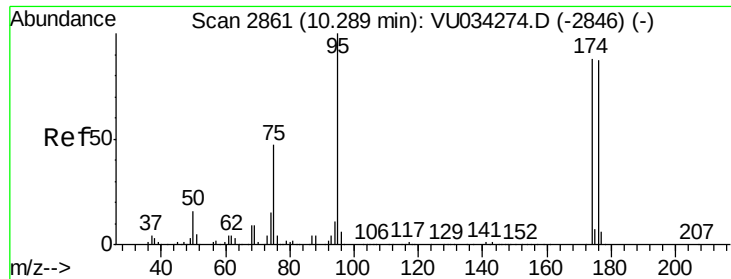
Tgt Ion: 98 Resp: 972983

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 37.573 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034304.D

Acq: 05 Sep 2019 23:17

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-A4-(0)

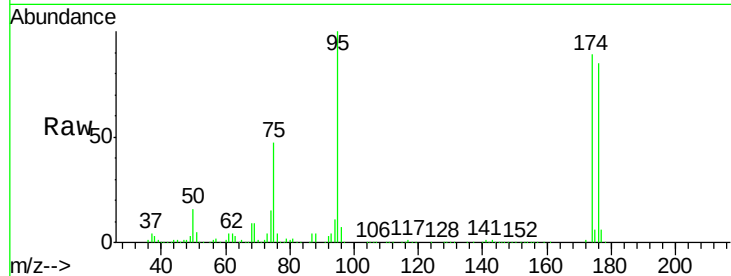
Tot Ion: 95 Resp: 340902

Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.2

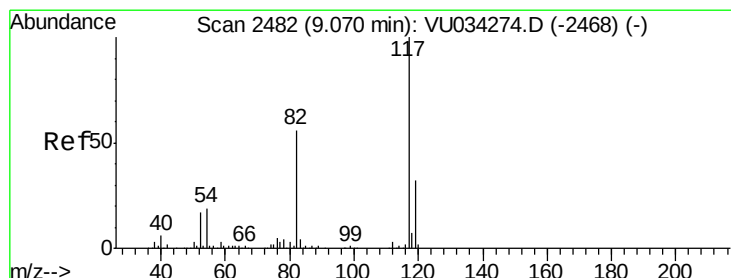
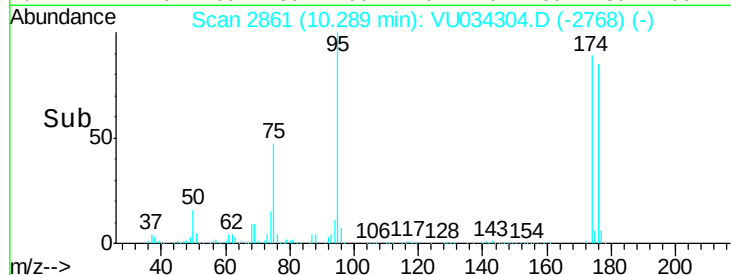
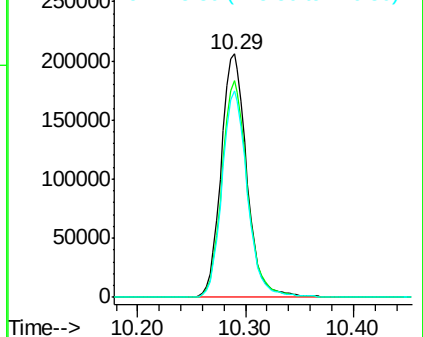
176 83.9 0.0 168.0



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: VU034304.D

Acq: 05 Sep 2019 23:17

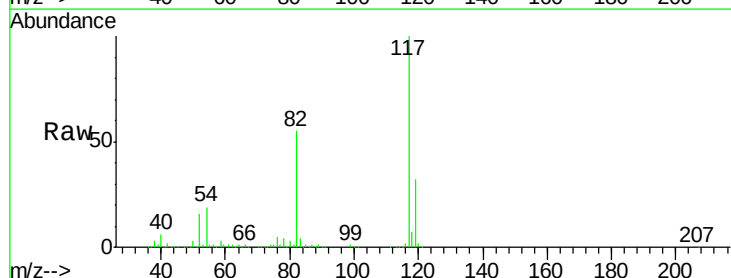
Tgt Ion: 117 Resp: 683211

Ion Ratio Lower Upper

117 100

82 55.0 44.6 67.0

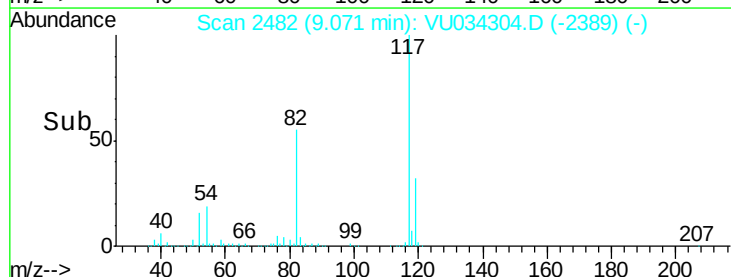
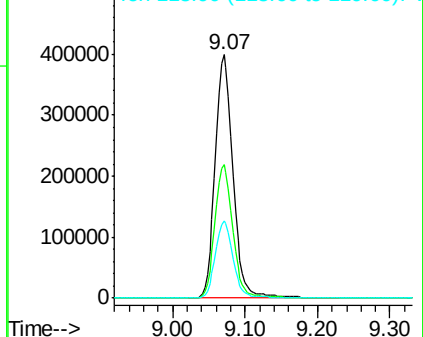
119 31.7 25.9 38.9

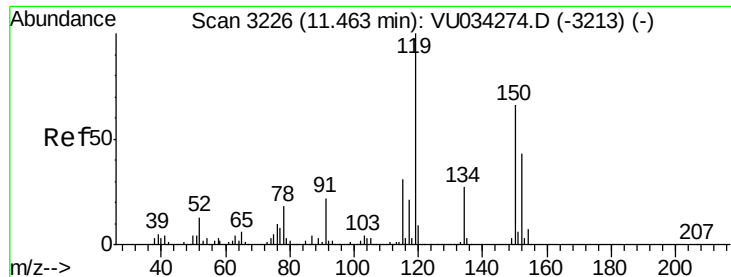


Abundance Ion 116.90 (116.60 to 117.60): VU0

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: VU034304.D

Acq: 05 Sep 2019 23:17

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-A4-(0)

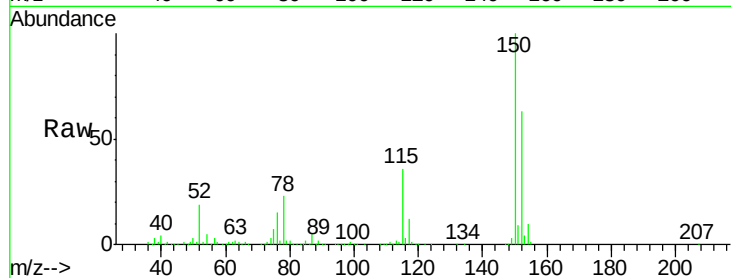
Tot Ion:152 Resp: 333718

Ion Ratio Lower Upper

152 100

115 57.0 39.1 117.3

150 157.1 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

