

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034306.D
 Acq On : 06 Sep 2019 00:04
 Operator : JC/SP
 Sample : K4579-23
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-12-A3-(3.5)

Quant Time: Sep 06 08:47:13 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

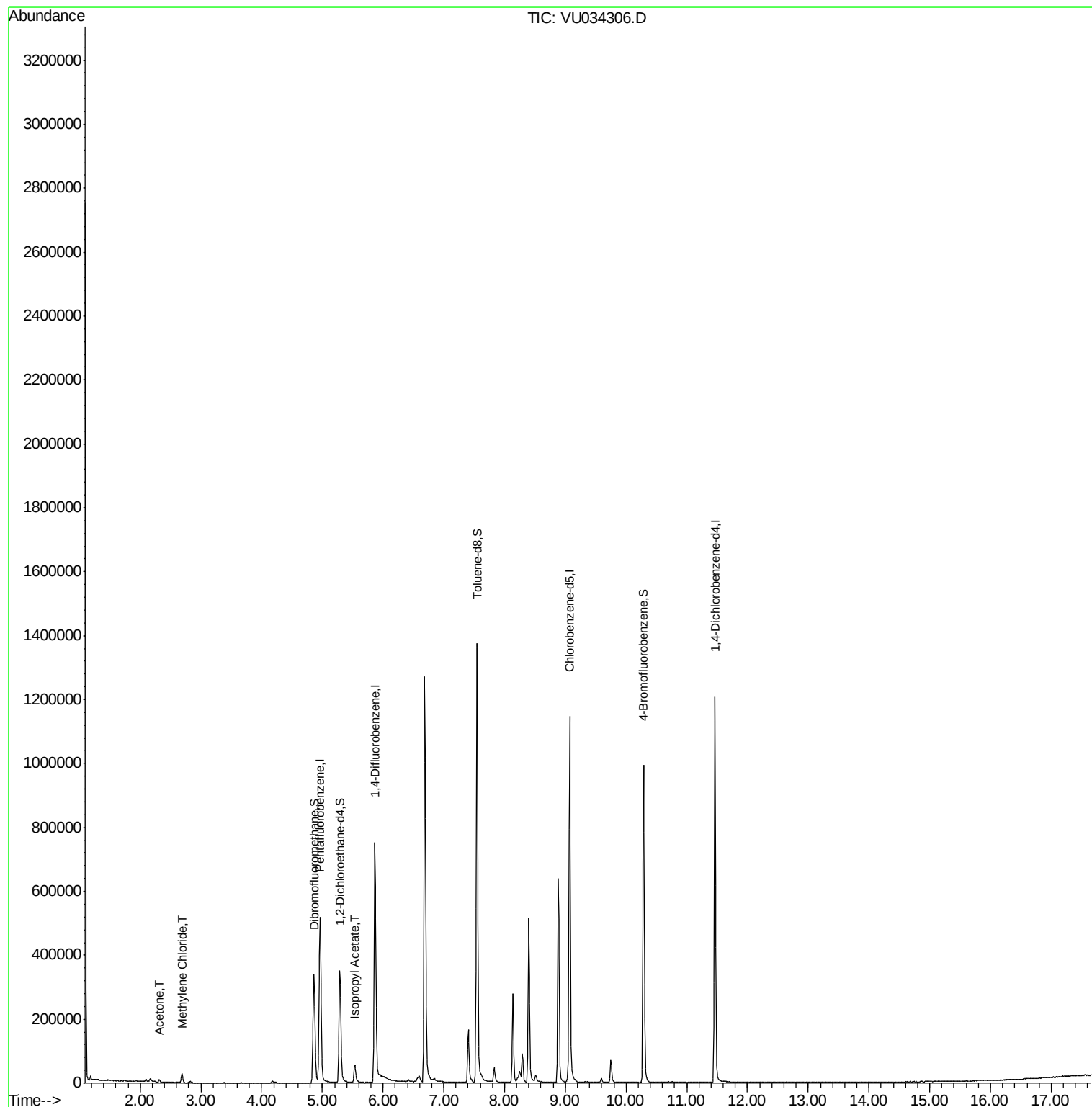
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	428142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	682576	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	677953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	341687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	280887	43.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.72%	
35) Dibromofluoromethane	4.86	113	244197	38.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.90%	
50) Toluene-d8	7.55	98	976322	40.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.82%	
62) 4-Bromofluorobenzene	10.29	95	338897	36.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.56%	
Target Compounds						
16) Acetone	2.32	43	10396	3.101	ug/l	97
20) Methylene Chloride	2.69	84	12837	1.954	ug/l	98
43) Isopropyl Acetate	5.53	43	71479	5.235	ug/l	98

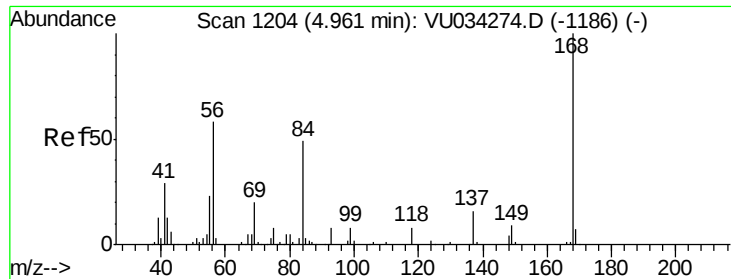
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034306.D

Acq: 06 Sep 2019 00:04

Instrument :

MSVOA_U

ClientSampleId :

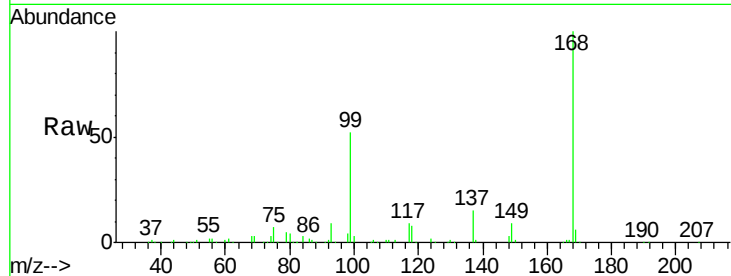
PAR-12-A3-(3.5)

Tot Ion:168 Resp: 428142

Ion Ratio Lower Upper

168 100

99 51.9 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

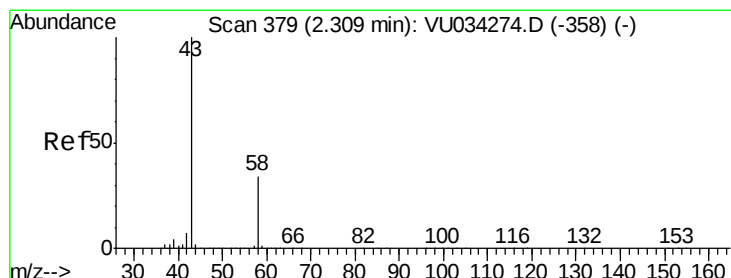
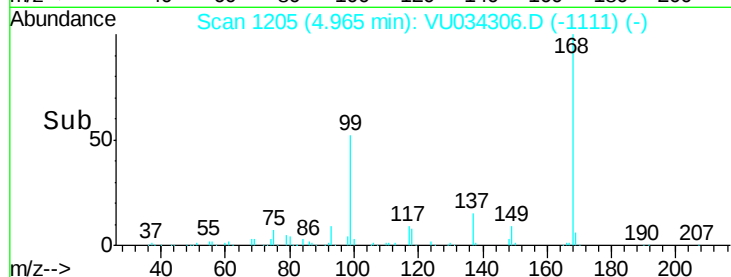
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.101 ug/l

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VU034306.D

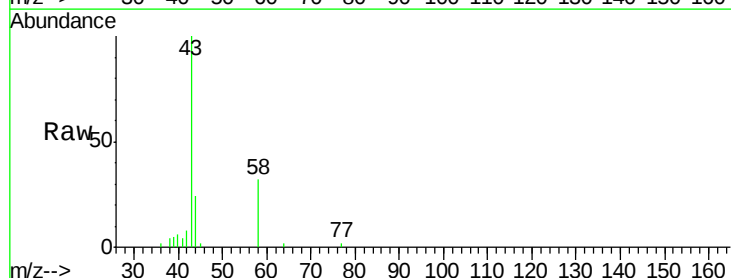
Acq: 06 Sep 2019 00:04

Tgt Ion: 43 Resp: 10396

Ion Ratio Lower Upper

43 100

58 33.0 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) (-)

2.32

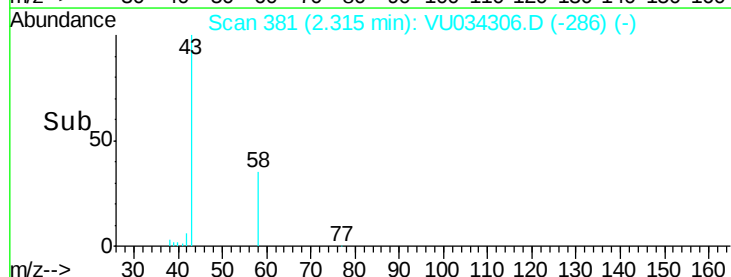
6000

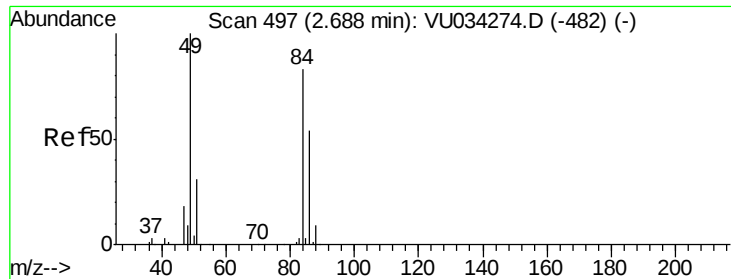
4000

2000

0

Time-->





#20

Methvlene Chloride

Concen: 1.954 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU034306.D

Acq: 06 Sep 2019 00:04

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-A3-(3.5)

Tot Ion: 84 Resp: 12837

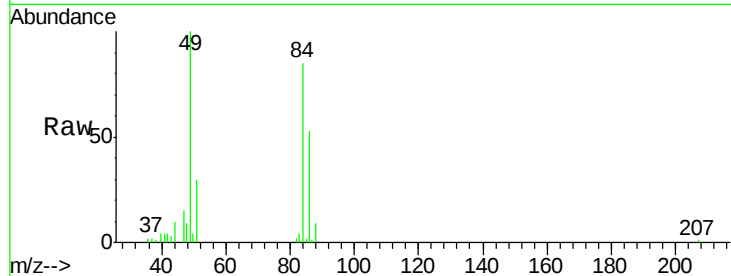
Ion Ratio Lower Upper

84 100

49 117.3 96.0 144.0

51 35.3 30.0 45.0

86 62.6 51.4 77.0

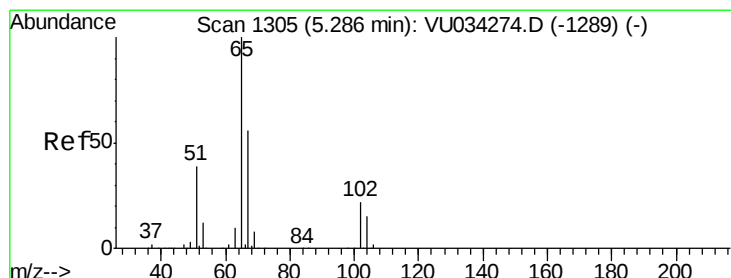
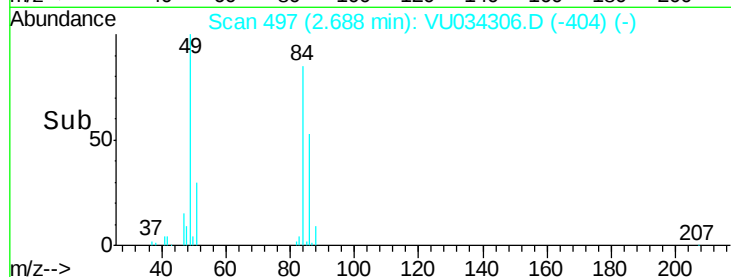
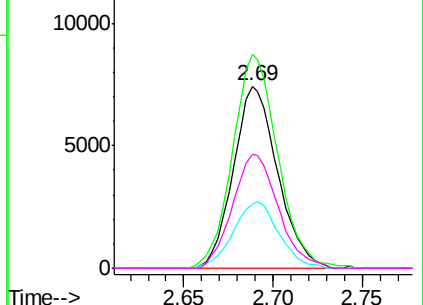


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 43.361 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034306.D

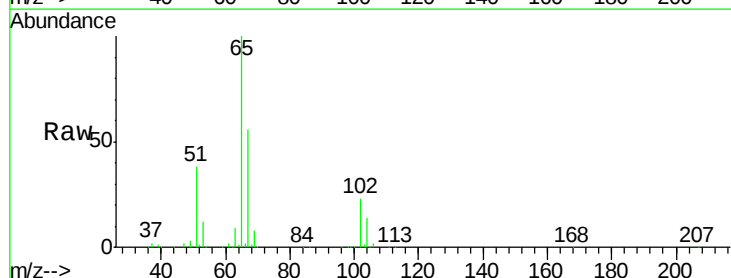
Acq: 06 Sep 2019 00:04

Tgt Ion: 65 Resp: 280887

Ion Ratio Lower Upper

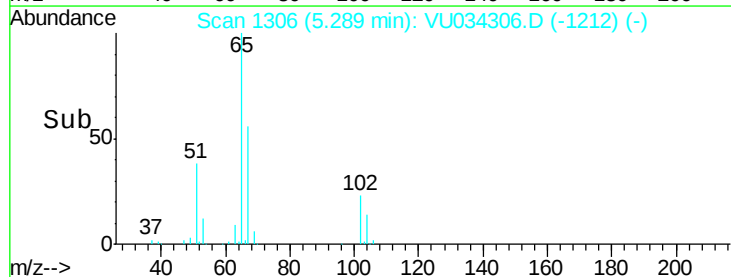
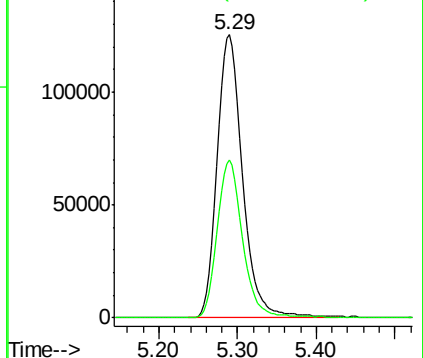
65 100

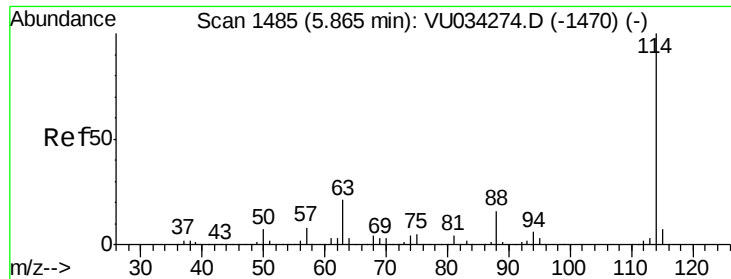
67 54.9 0.0 112.4



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034306.D

Acq: 06 Sep 2019 00:04

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-A3-(3.5)

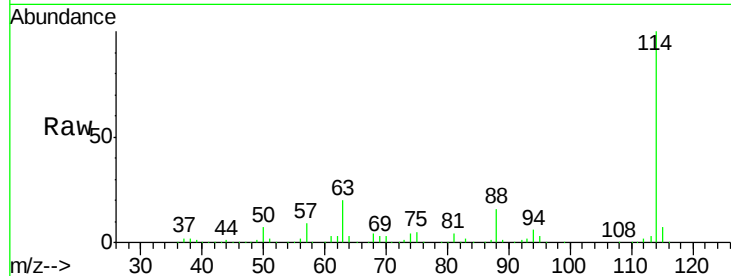
Tot Ion:114 Resp: 682576

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

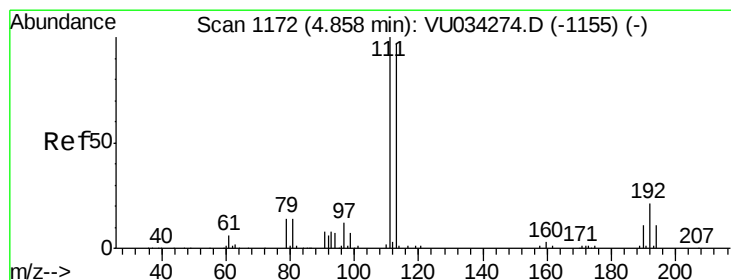
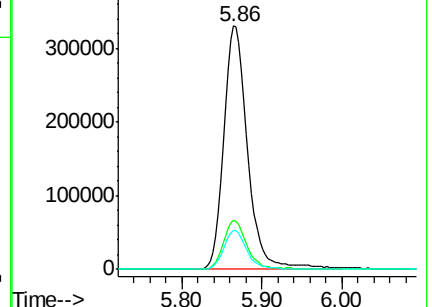
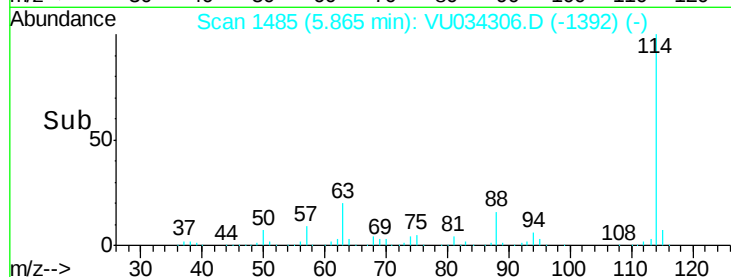
88 15.9 0.0 32.4



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: 38.448 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034306.D

Acq: 06 Sep 2019 00:04

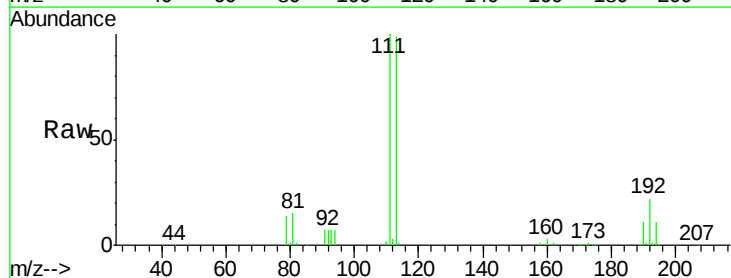
Tgt Ion:113 Resp: 244197

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

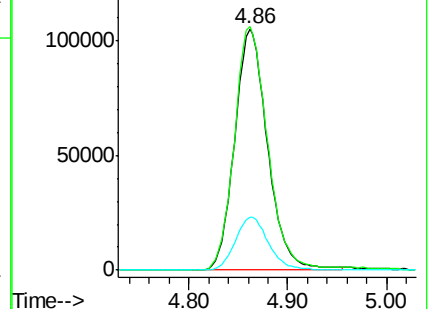
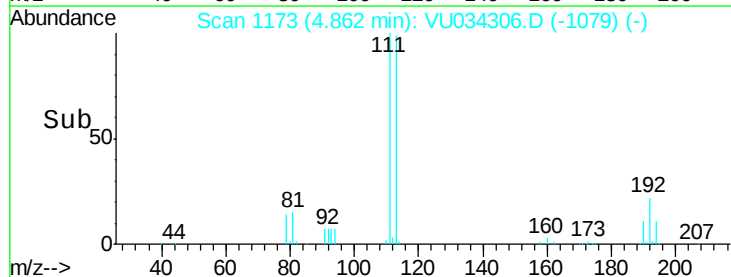
192 22.2 17.8 26.8

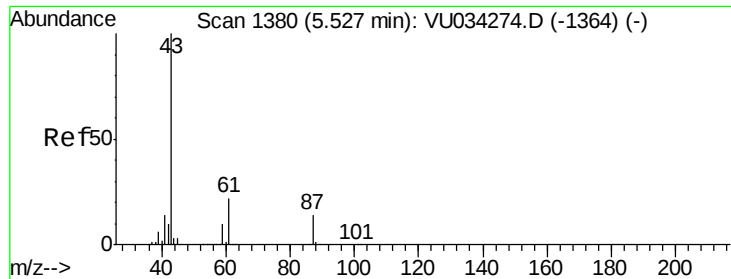


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 5.235 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034306.D

Acq: 06 Sep 2019 00:04

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-A3-(3.5)

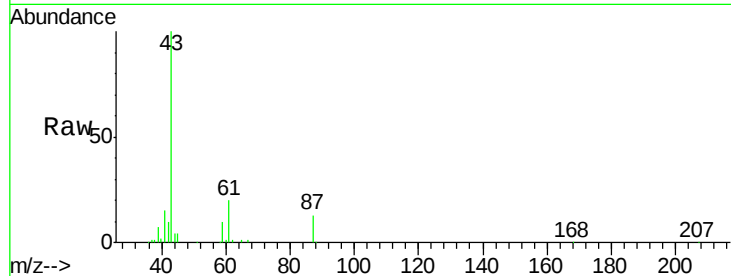
Tot Ion: 43 Resp: 71479

Ion Ratio Lower Upper

43 100

61 20.1 17.1 25.7

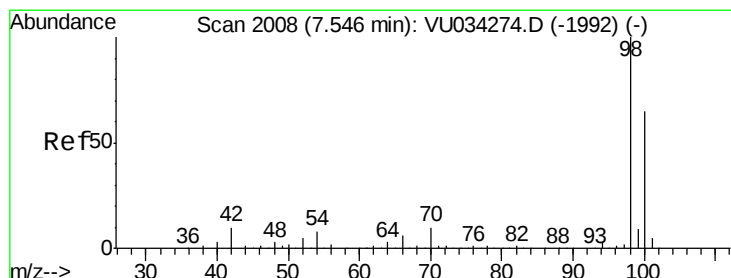
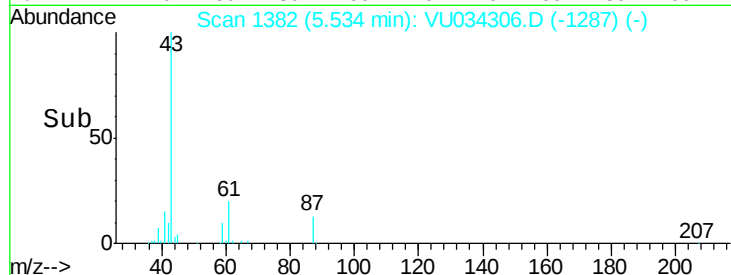
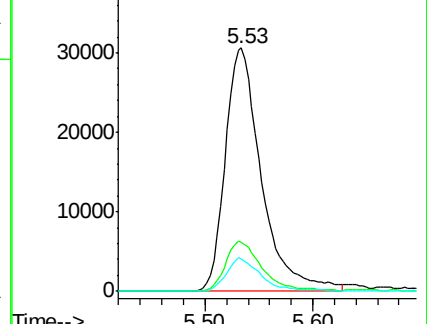
87 13.1 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034306.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034306.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034306.D (-1287) (-)



#50

Toluene-d8

Concen: 40.915 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034306.D

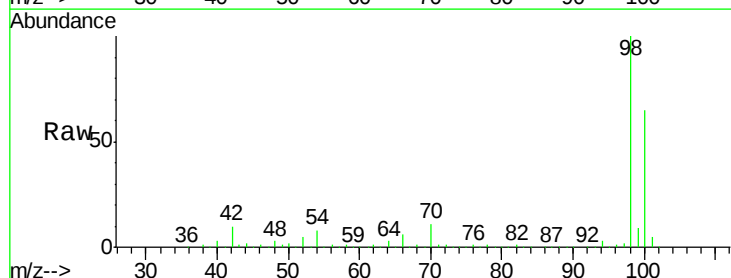
Acq: 06 Sep 2019 00:04

Tgt Ion: 98 Resp: 976322

Ion Ratio Lower Upper

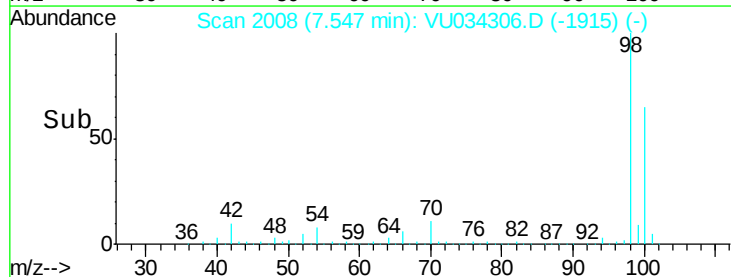
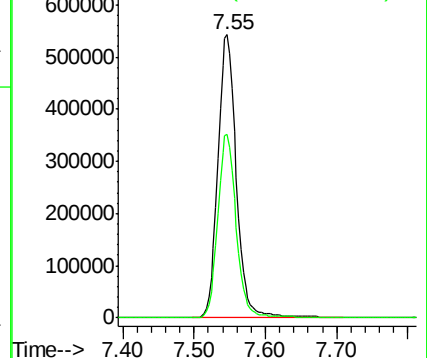
98 100

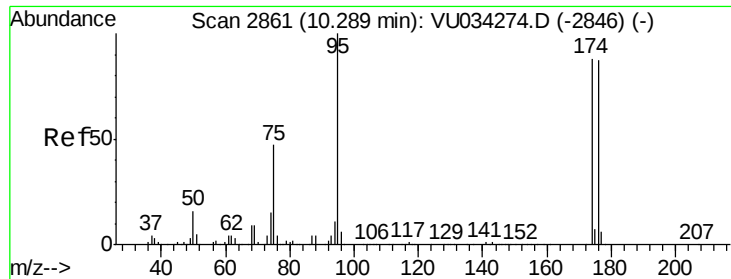
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034306.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034306.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 36.784 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034306.D

Acq: 06 Sep 2019 00:04

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-A3-(3.5)

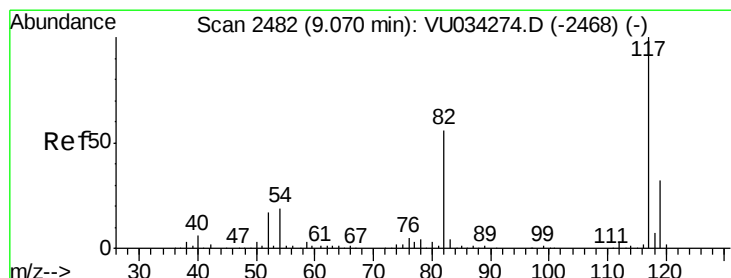
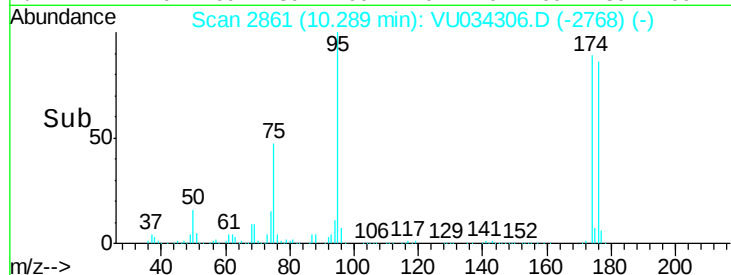
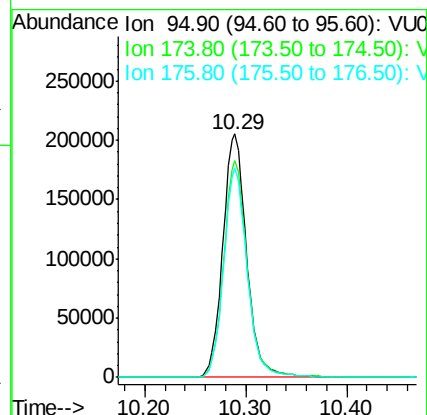
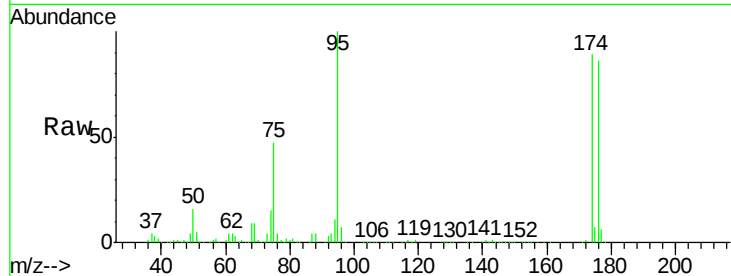
Tot Ion: 95 Resp: 338897

Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.2

176 84.8 0.0 168.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034306.D

Acq: 06 Sep 2019 00:04

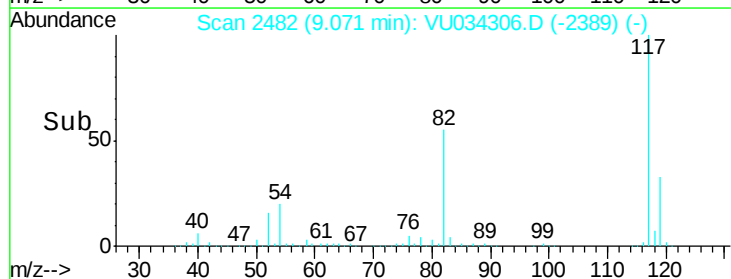
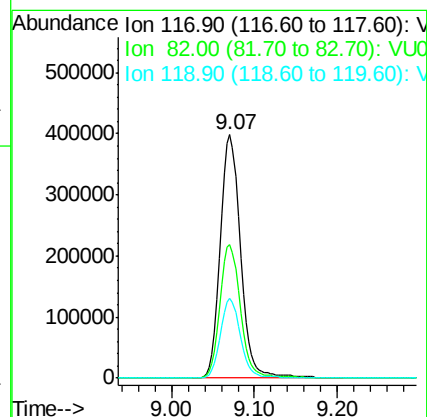
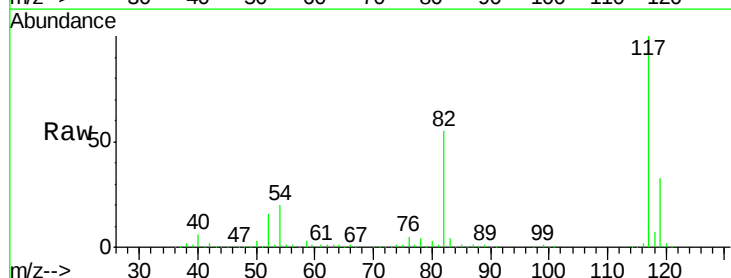
Tgt Ion: 117 Resp: 677953

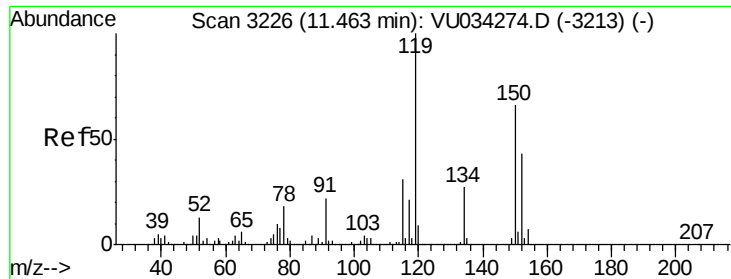
Ion Ratio Lower Upper

117 100

82 55.0 44.6 67.0

119 32.6 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: VU034306.D

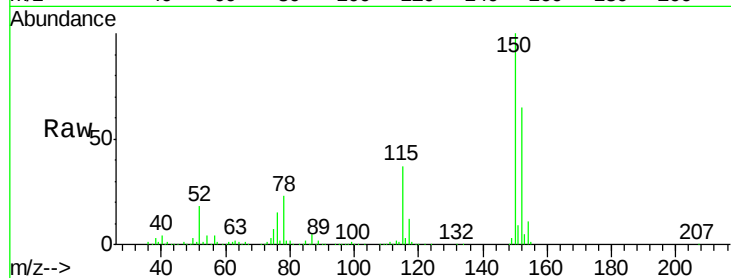
Acq: 06 Sep 2019 00:04

Instrument :

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ClientSampleId :

PAR-12-A3-(3.5)



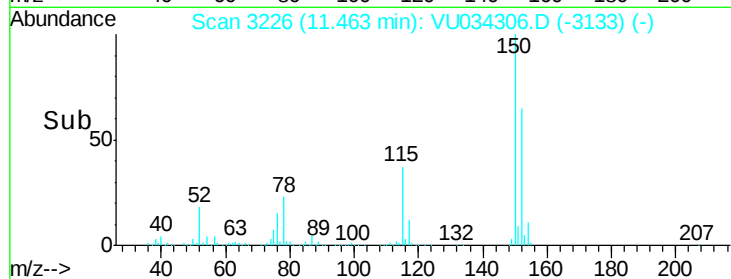
Tot Ion:152 Resp: 341687

Ion Ratio Lower Upper

152 100

115 56.4 39.1 117.3

150 156.4 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

