

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034310.D
 Acq On : 06 Sep 2019 01:37
 Operator : JC/SP
 Sample : K4579-28
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-12-B3-(0)

Quant Time: Sep 06 08:55:02 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

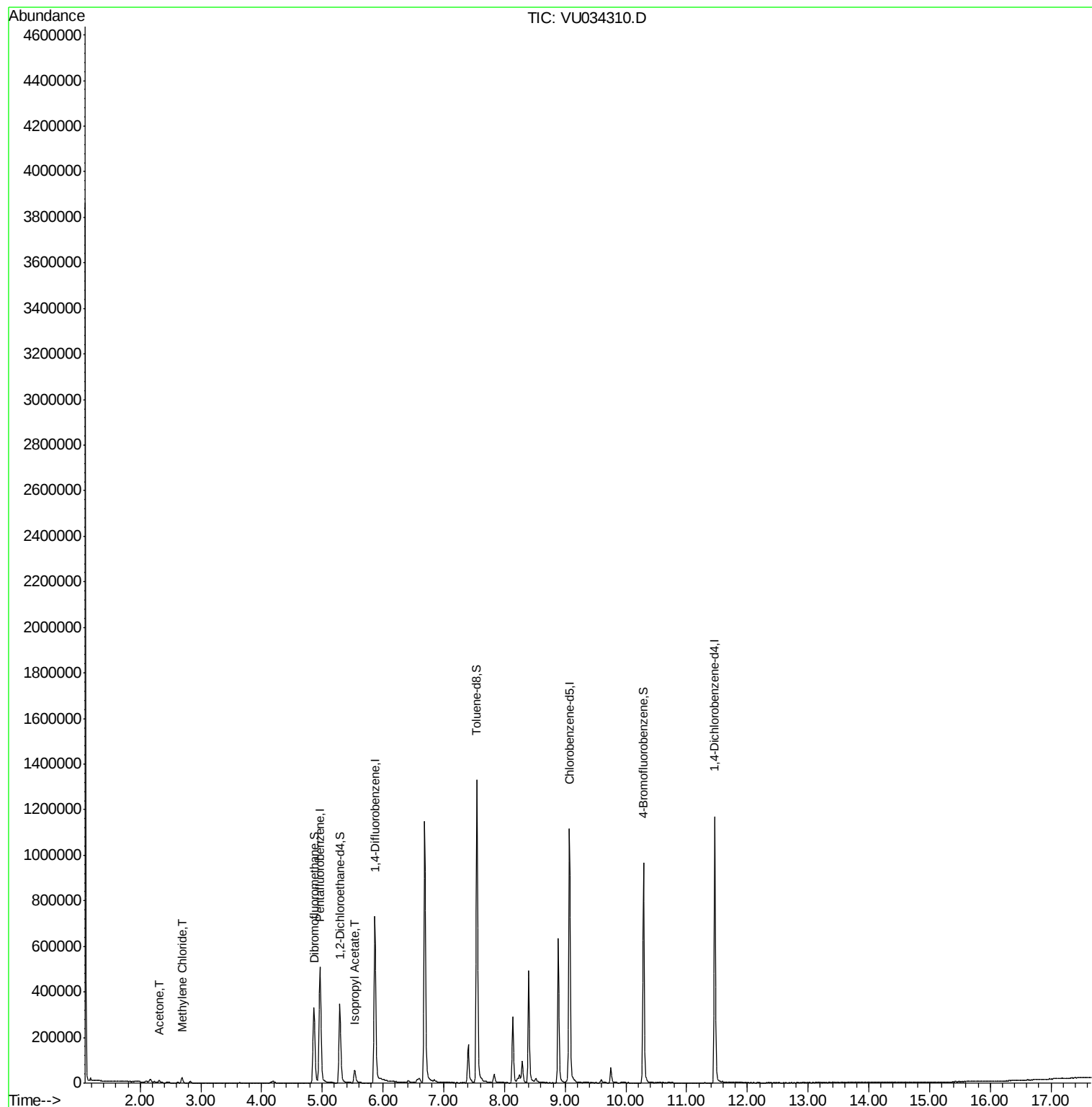
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	421398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	653454	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	667142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	329948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	272978	42.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.62%	
35) Dibromofluoromethane	4.86	113	238342	39.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.40%	
50) Toluene-d8	7.55	98	945180	41.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.74%	
62) 4-Bromofluorobenzene	10.29	95	333402	37.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.60%	
Target Compounds						
16) Acetone	2.31	43	12705	3.851	ug/l	98
20) Methylene Chloride	2.69	84	11077	1.663	ug/l	94
43) Isopropyl Acetate	5.53	43	68421	5.235	ug/l	100

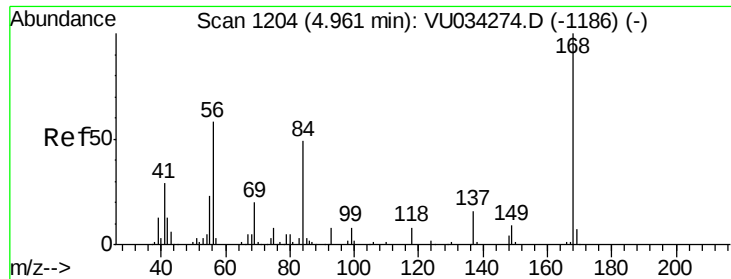
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034310.D

Acq: 06 Sep 2019 01:37

Instrument :

MSVOA_U

ClientSampleId :

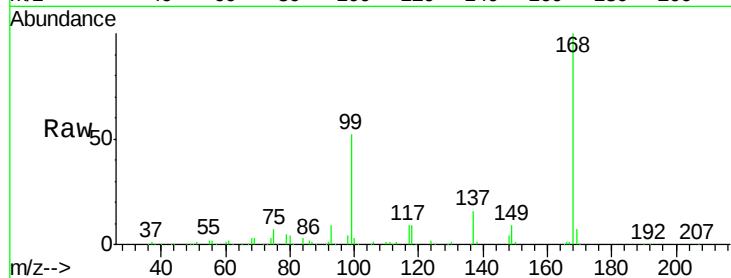
PAR-12-B3-(0)

Tot Ion:168 Resp: 421398

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

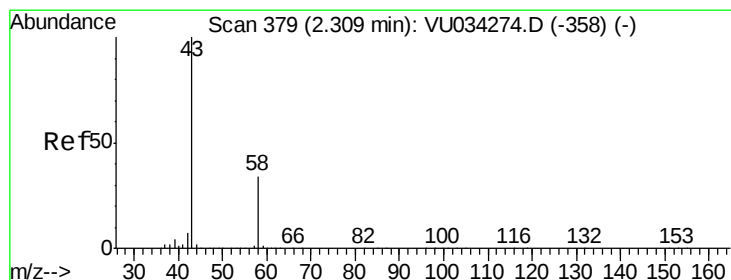
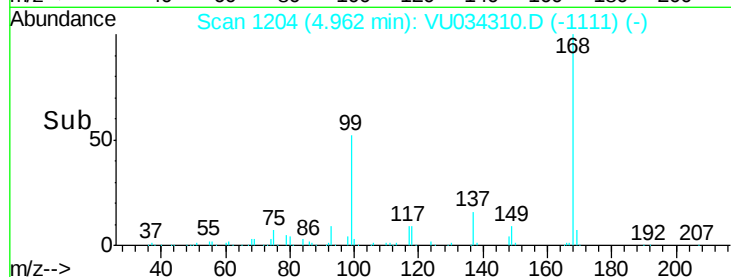
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 3.851 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034310.D

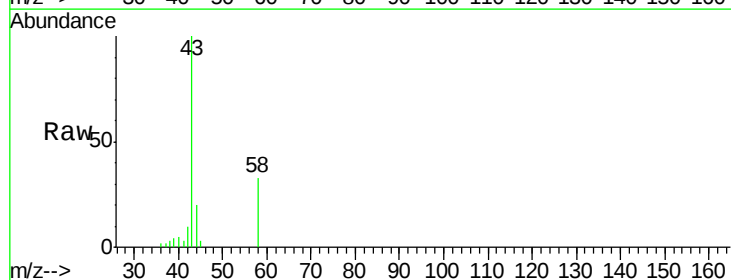
Acq: 06 Sep 2019 01:37

Tgt Ion: 43 Resp: 12705

Ion Ratio Lower Upper

43 100

58 33.3 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

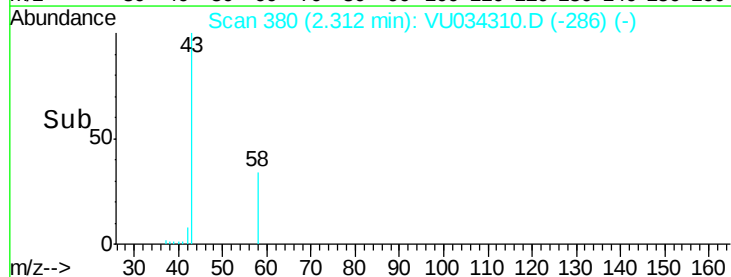
4000

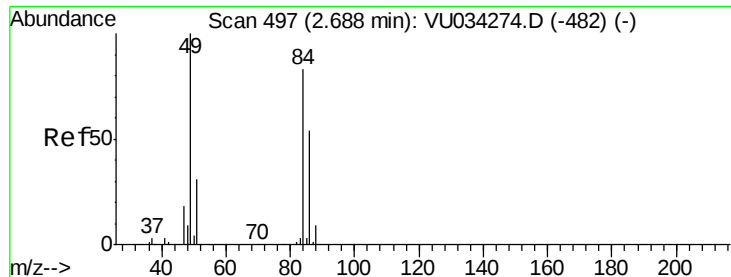
2000

0

2.25 2.30 2.35 2.40

Time-->

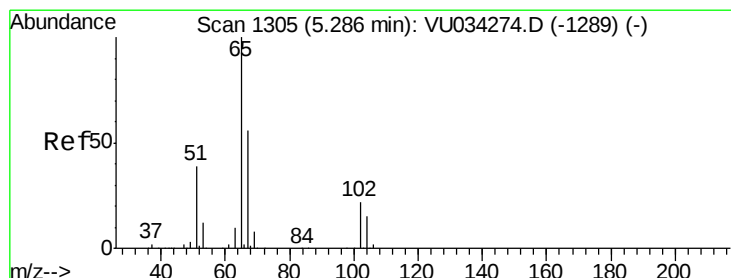
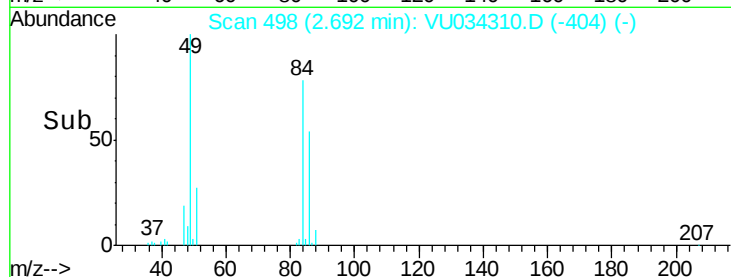
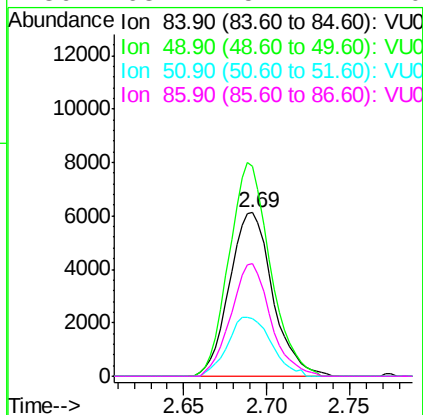
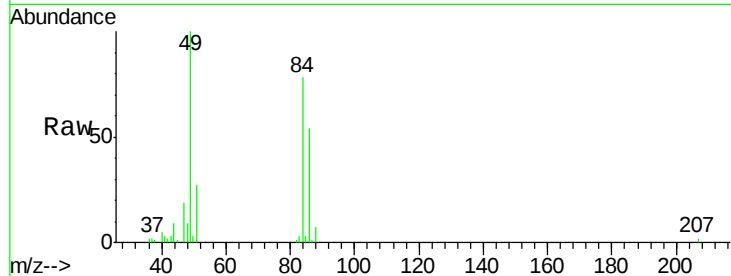




#20
Methylene Chloride
Concen: 1.663 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034310.D
Acq: 06 Sep 2019 01:37

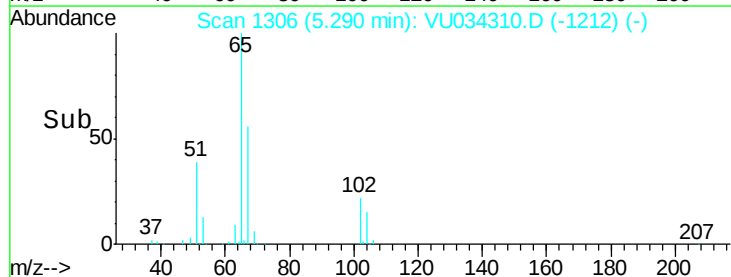
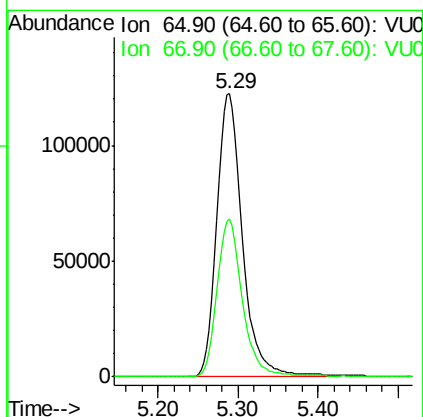
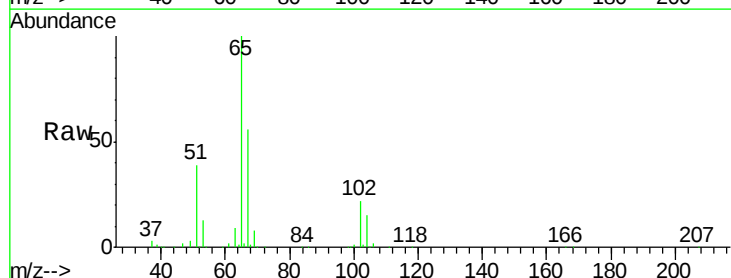
Instrument :
MSVOA_U
ClientSampleId :
PAR-12-B3-(0)

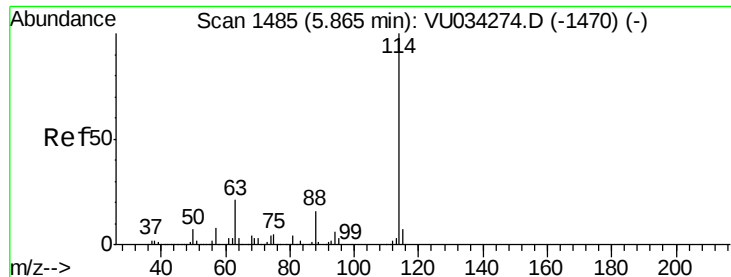
Tot Ion: 84 Resp: 11077
Ion Ratio Lower Upper
84 100
49 128.3 96.0 144.0
51 35.3 30.0 45.0
86 68.7 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 42.814 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034310.D
Acq: 06 Sep 2019 01:37

Tgt Ion: 65 Resp: 272978
Ion Ratio Lower Upper
65 100
67 54.8 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034310.D

Acq: 06 Sep 2019 01:37

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-B3-(0)

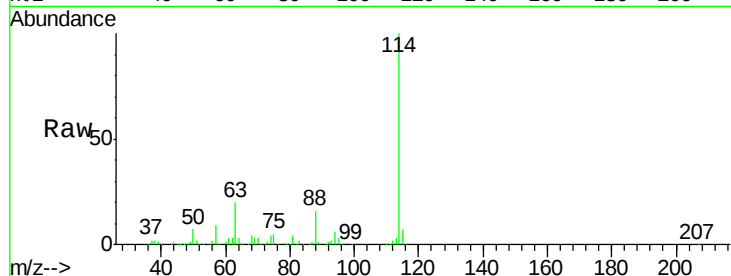
Tot Ion:114 Resp: 653454

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

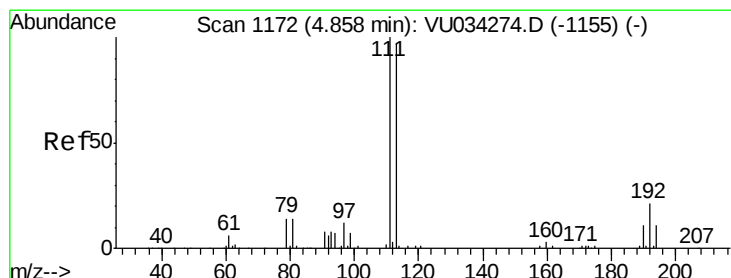
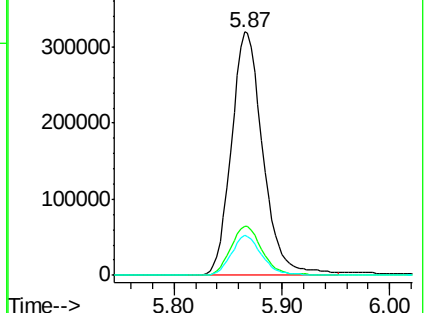
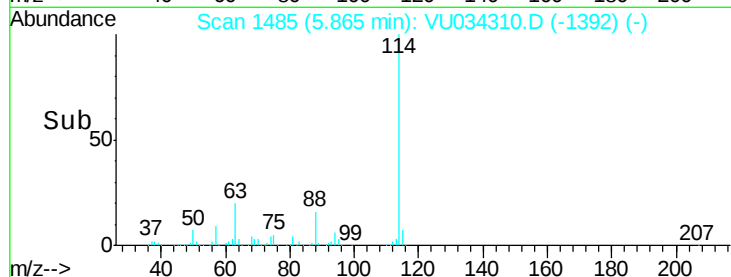
88 16.3 0.0 32.4



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: 39.198 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034310.D

Acq: 06 Sep 2019 01:37

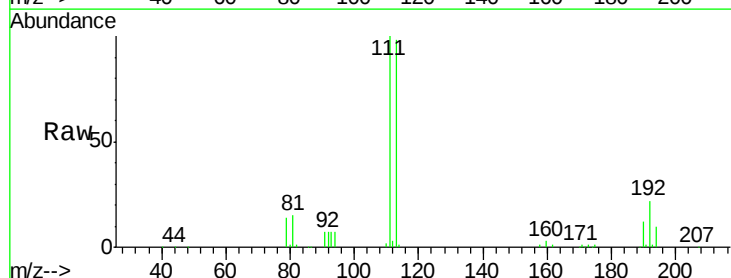
Tgt Ion:113 Resp: 238342

Ion Ratio Lower Upper

113 100

111 102.8 81.5 122.3

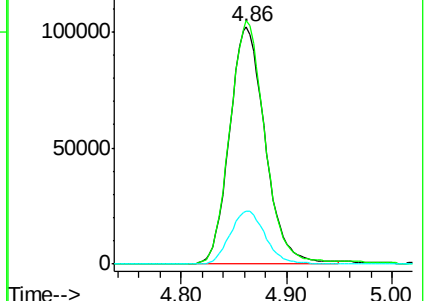
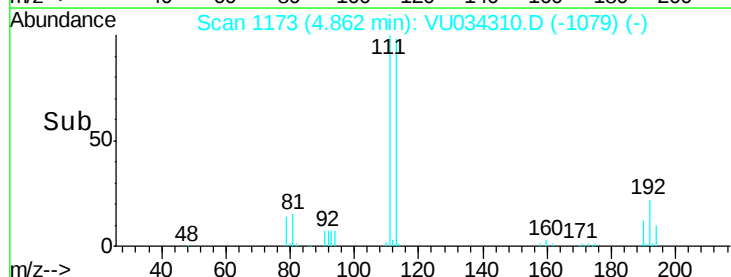
192 22.3 17.8 26.8

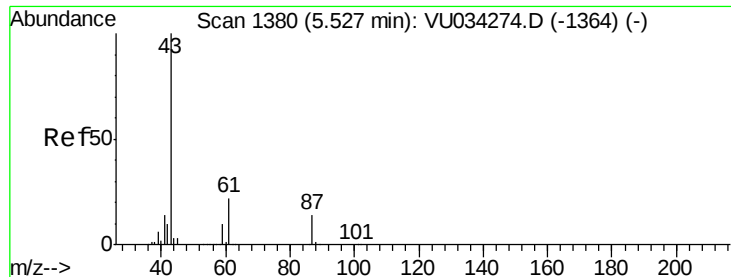


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 5.235 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034310.D

Acq: 06 Sep 2019 01:37

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-B3-(0)

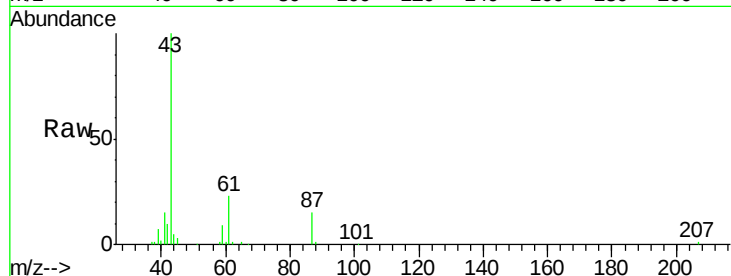
Tot Ion: 43 Resp: 68421

Ion Ratio Lower Upper

43 100

61 21.5 17.1 25.7

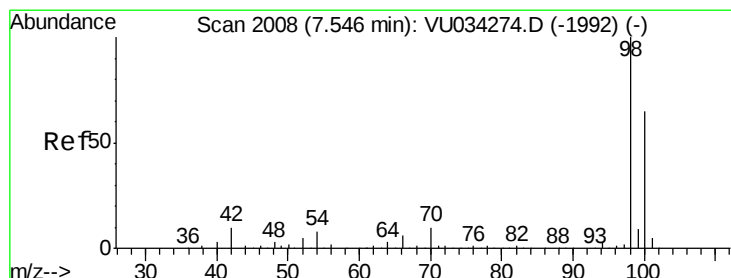
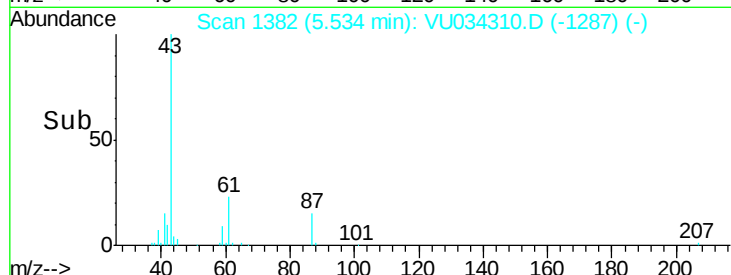
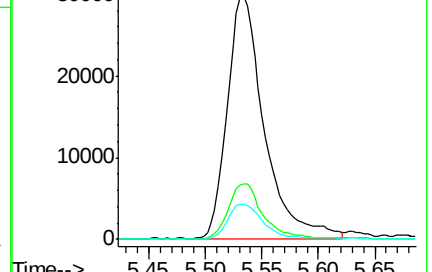
87 13.9 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034310.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034310.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034310.D (-1287) (-)



#50

Toluene-d8

Concen: 41.375 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034310.D

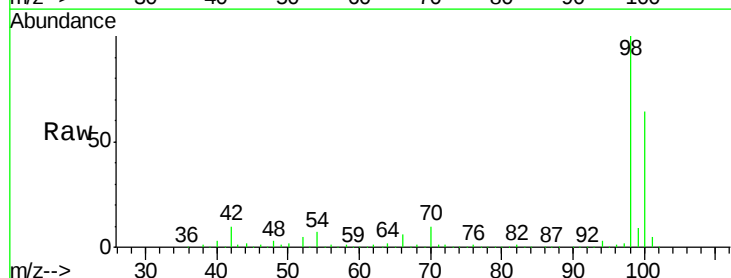
Acq: 06 Sep 2019 01:37

Tgt Ion: 98 Resp: 945180

Ion Ratio Lower Upper

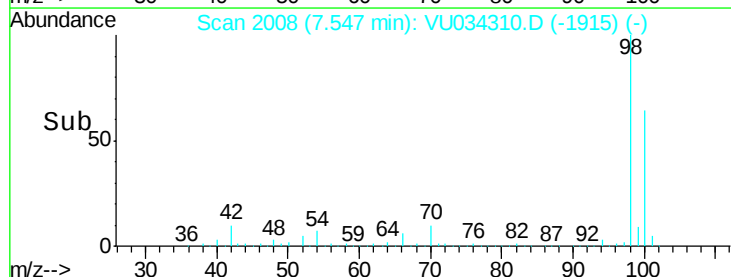
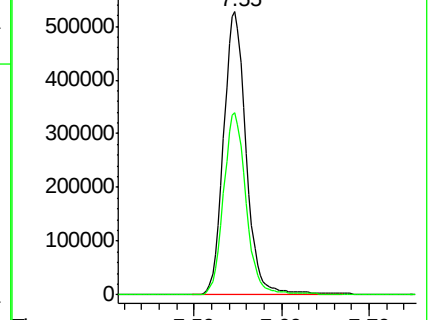
98 100

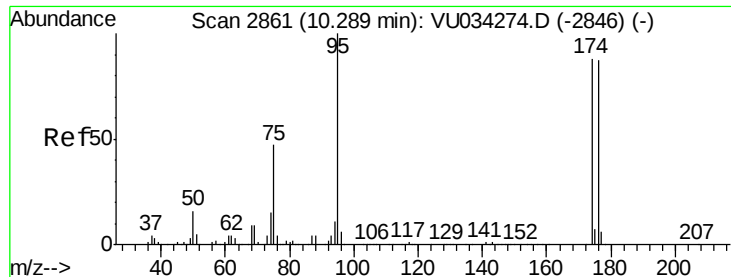
100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VU034310.D (-1915) (-)

Ion 100.00 (99.70 to 100.70): VU034310.D (-1915) (-)





#62

4-Bromofluorobenzene

Concen: 37.801 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034310.D

Acq: 06 Sep 2019 01:37

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-B3-(0)

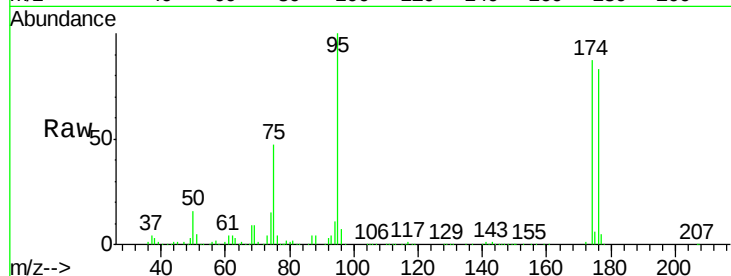
Tot Ion: 95 Resp: 333402

Ion Ratio Lower Upper

95 100

174 86.9 0.0 175.2

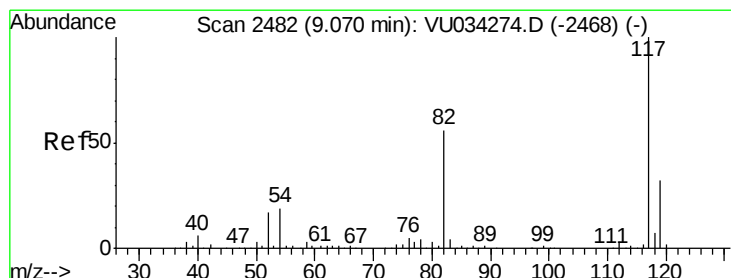
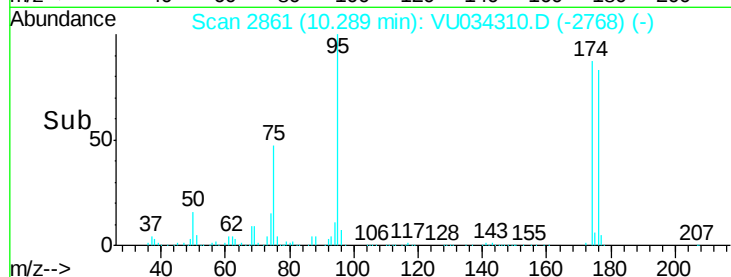
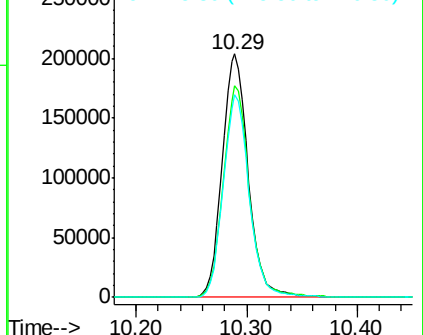
176 83.3 0.0 168.0



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: VU034310.D

Acq: 06 Sep 2019 01:37

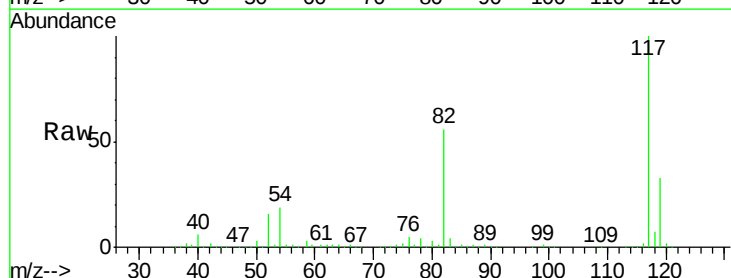
Tgt Ion: 117 Resp: 667142

Ion Ratio Lower Upper

117 100

82 55.5 44.6 67.0

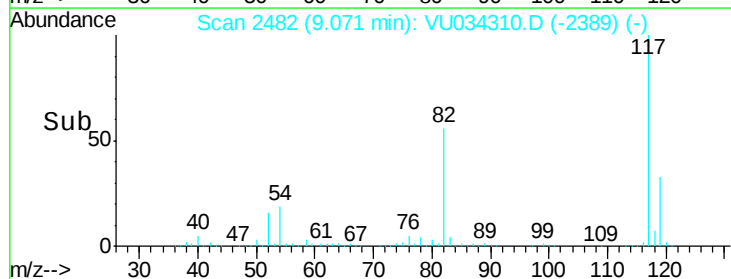
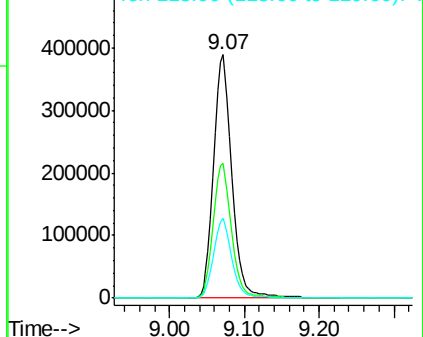
119 32.5 25.9 38.9

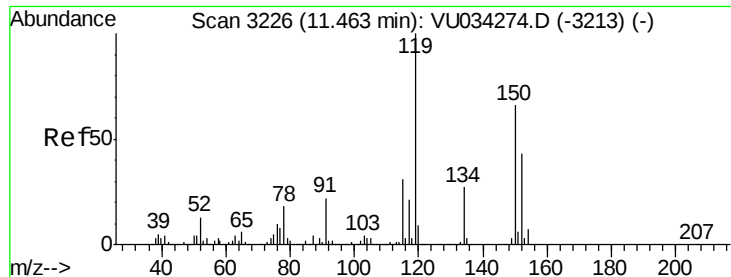


Abundance Ion 116.90 (116.60 to 117.60): VU0

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: VU034310.D

Acq: 06 Sep 2019 01:37

Instrument :

MSVOA_U

ClientSampleId :

PAR-12-B3-(0)

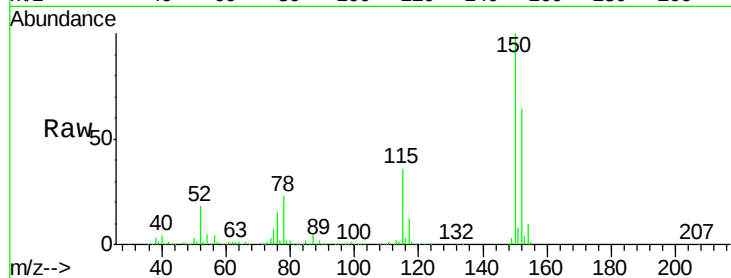
Tot Ion:152 Resp: 329948

Ion Ratio Lower Upper

152 100

115 56.7 39.1 117.3

150 157.3 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

