

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034298.D
 Acq On : 05 Sep 2019 20:57
 Operator : JC/SP
 Sample : K4548-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T8-S-G2-(0)

Quant Time: Sep 06 08:32:53 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

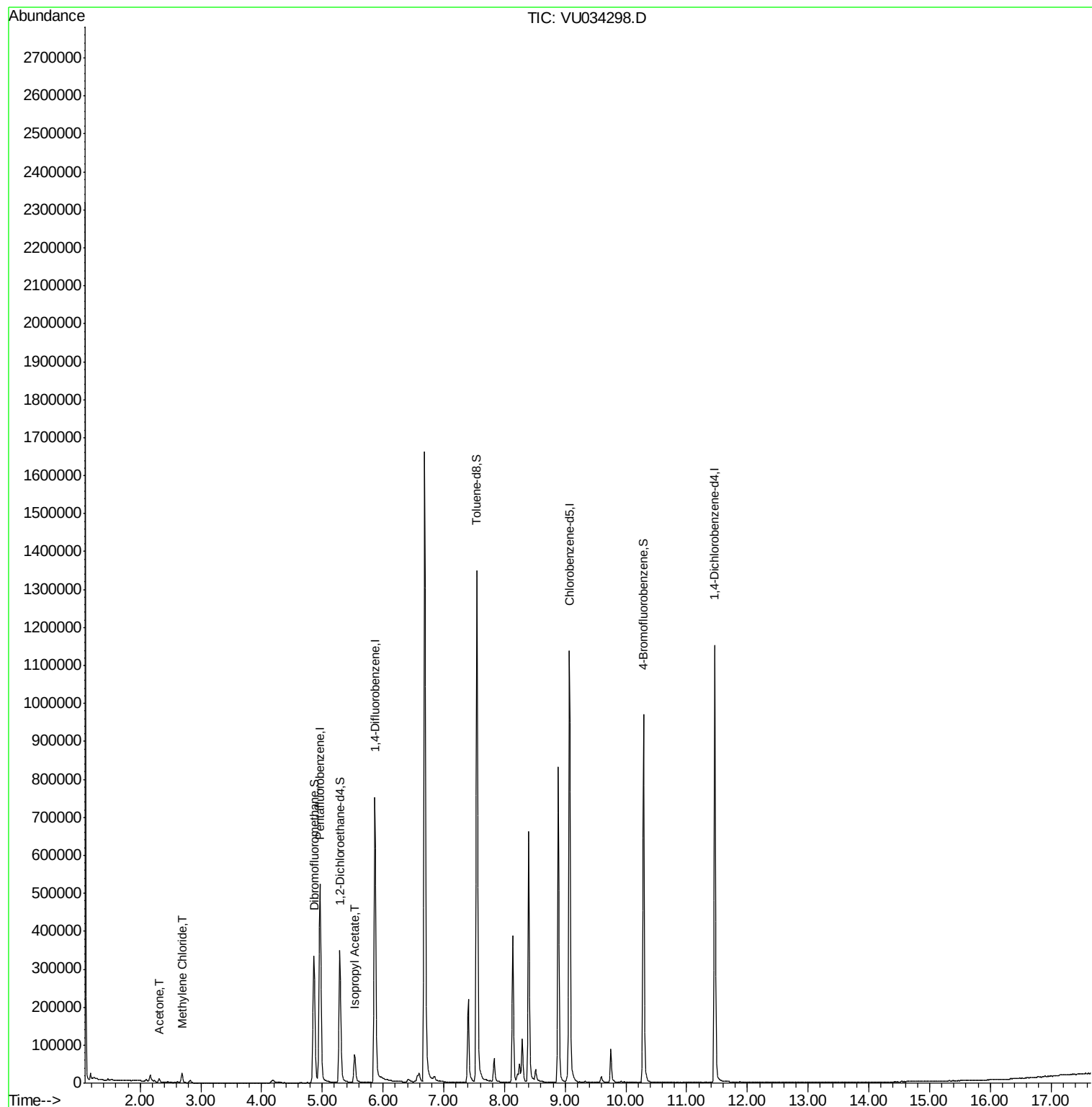
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	435366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	687828	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	672670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	323968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	274197	41.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.26%	
35) Dibromofluoromethane	4.86	113	243768	38.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.18%	
50) Toluene-d8	7.55	98	953433	39.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.30%	
62) 4-Bromofluorobenzene	10.29	95	332546	35.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.64%	
Target Compounds						
16) Acetone	2.31	43	11071	3.248	ug/l	95
20) Methylene Chloride	2.69	84	11206	1.620	ug/l	95
43) Isopropyl Acetate	5.53	43	90586	6.584	ug/l	99

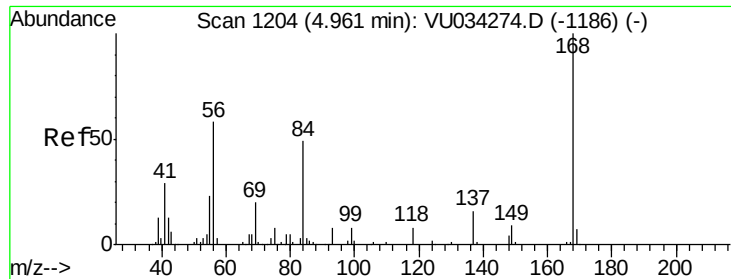
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
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: VU034298.D

Acq: 05 Sep 2019 20:57

Instrument :

MSVOA_U

ClientSampleId :

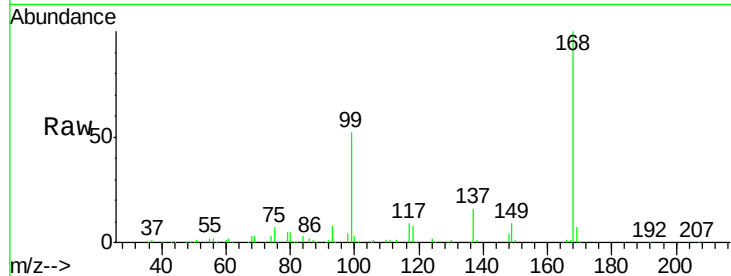
T8-S-G2-(0)

Tot Ion:168 Resp: 435366

Ion Ratio Lower Upper

168 100

99 52.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034298.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034298.D (-1111) (-)

4.96

200000

150000

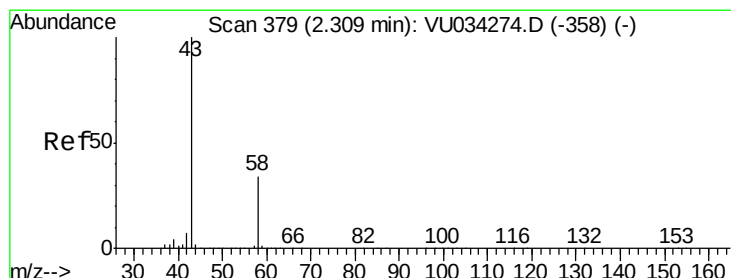
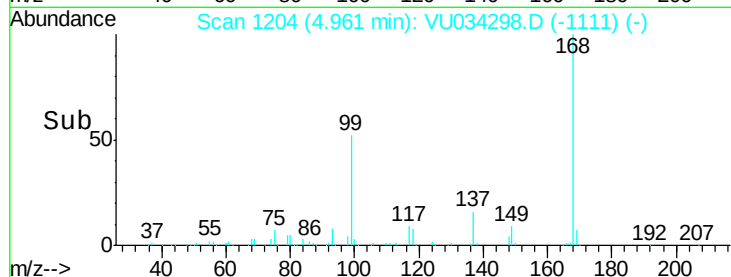
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 3.248 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034298.D

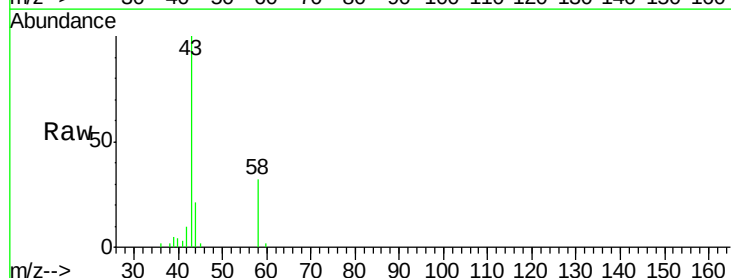
Acq: 05 Sep 2019 20:57

Tgt Ion: 43 Resp: 11071

Ion Ratio Lower Upper

43 100

58 31.4 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034298.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034298.D (-286) (-)

2.31

8000

6000

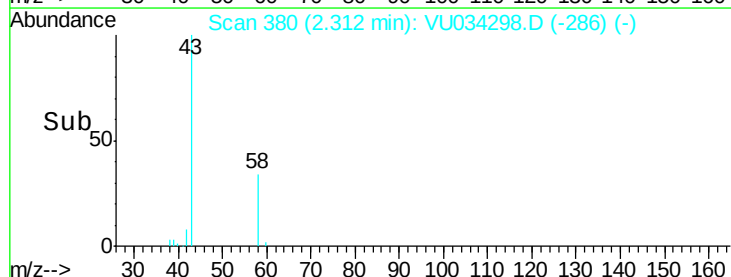
4000

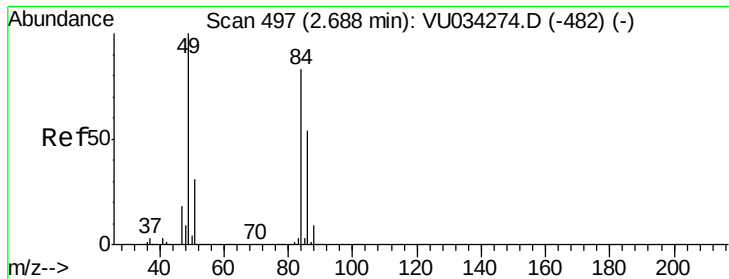
2000

0

2.25 2.30 2.35

Time-->

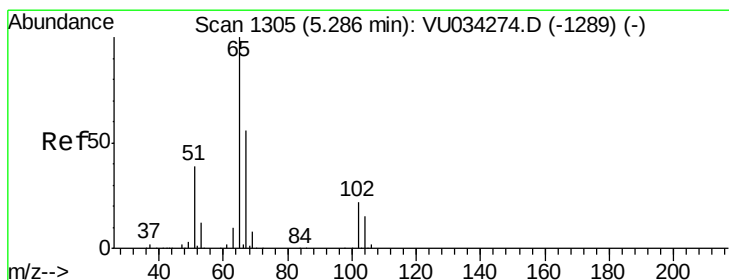
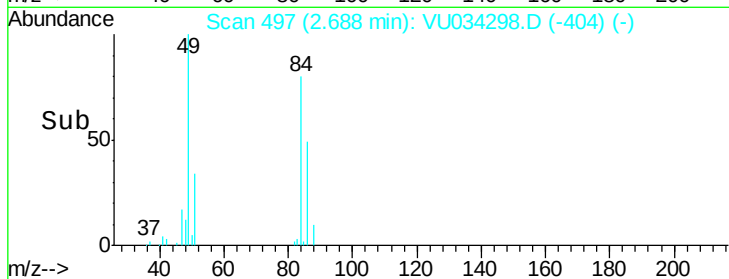
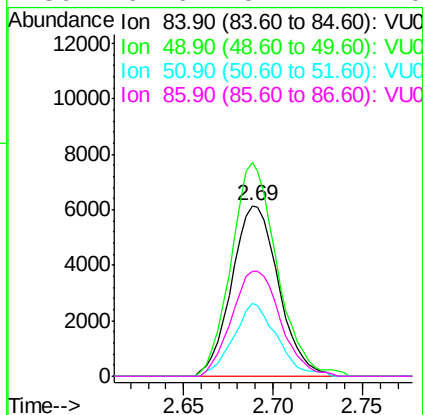
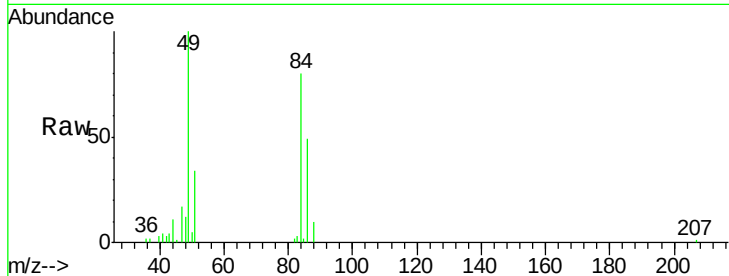




#20
Methylene Chloride
Concen: 1.620 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034298.D
Acq: 05 Sep 2019 20:57

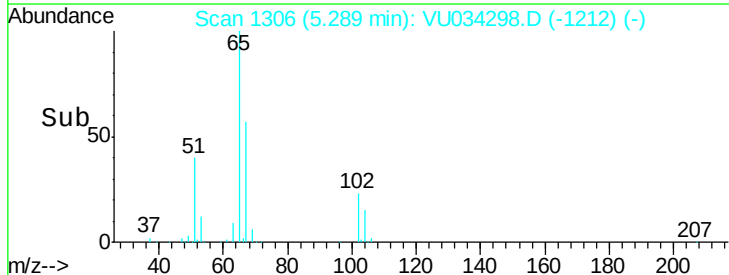
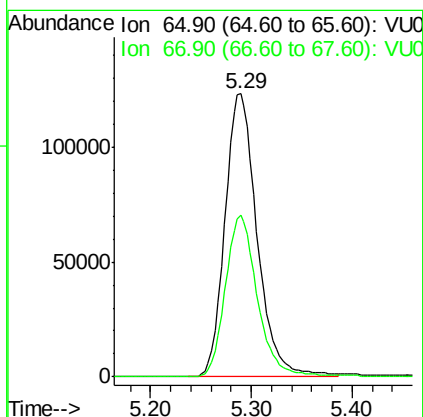
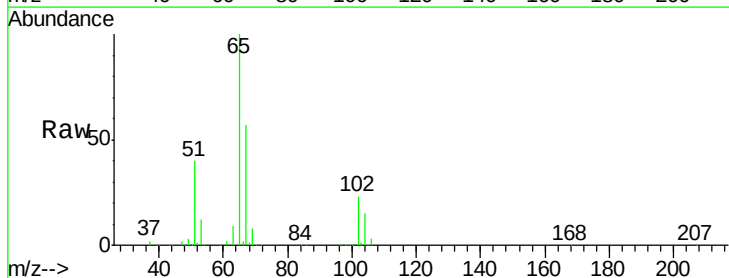
Instrument :
MSVOA_U
ClientSampleId :
T8-S-G2-(0)

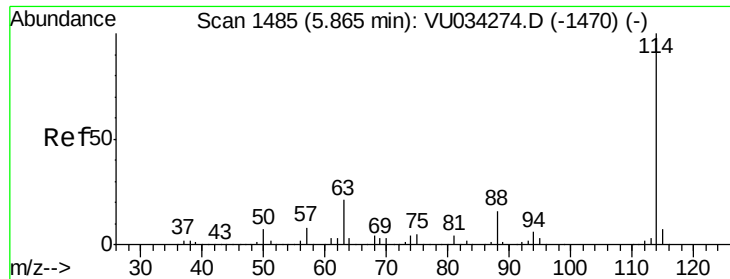
Tot Ion: 84 Resp: 11206
Ion Ratio Lower Upper
84 100
49 125.3 96.0 144.0
51 42.7 30.0 45.0
86 61.6 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 41.626 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034298.D
Acq: 05 Sep 2019 20:57

Tgt Ion: 65 Resp: 274197
Ion Ratio Lower Upper
65 100
67 56.8 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034298.D

Acq: 05 Sep 2019 20:57

Instrument :

MSVOA_U

ClientSampleId :

T8-S-G2-(0)

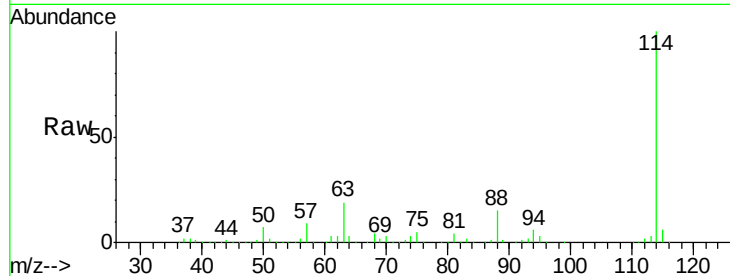
Tot Ion:114 Resp: 687828

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

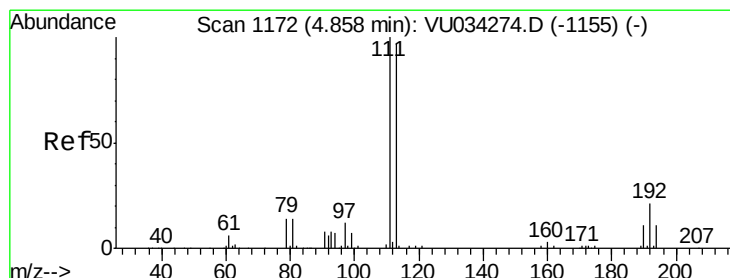
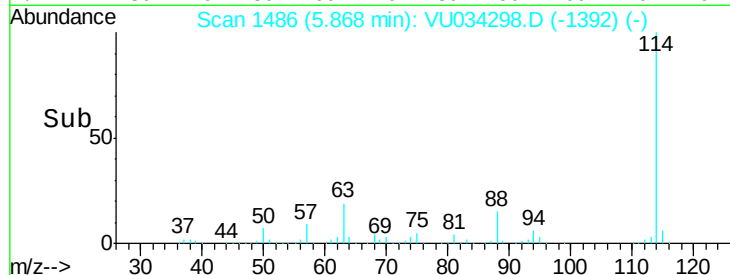
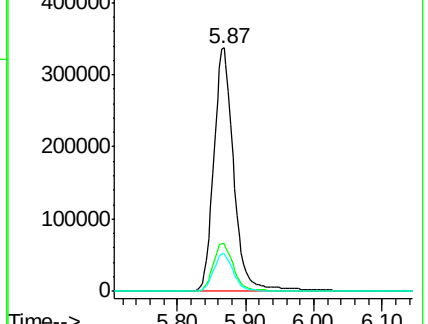
88 15.3 0.0 32.4



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: 38.087 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034298.D

Acq: 05 Sep 2019 20:57

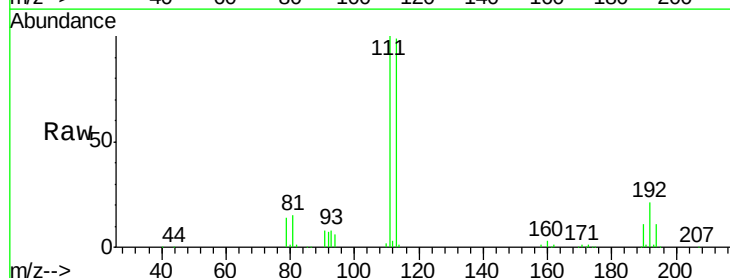
Tgt Ion:113 Resp: 243768

Ion Ratio Lower Upper

113 100

111 101.2 81.5 122.3

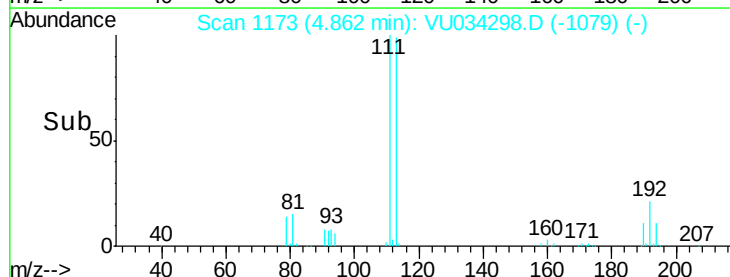
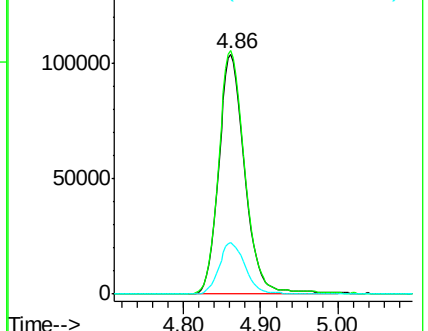
192 21.6 17.8 26.8

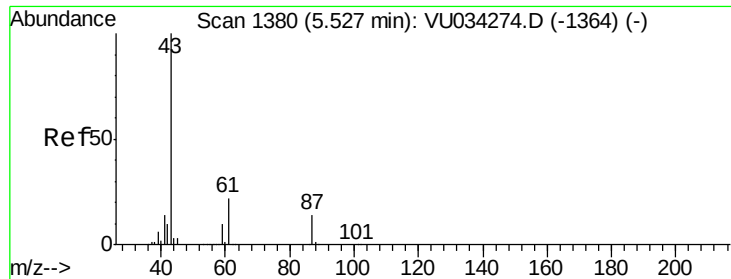


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.584 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034298.D

Acq: 05 Sep 2019 20:57

Instrument :

MSVOA_U

ClientSampleId :

T8-S-G2-(0)

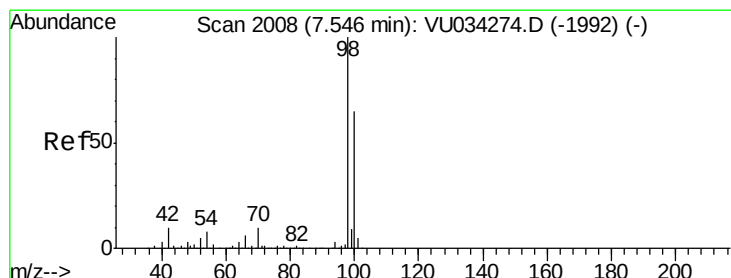
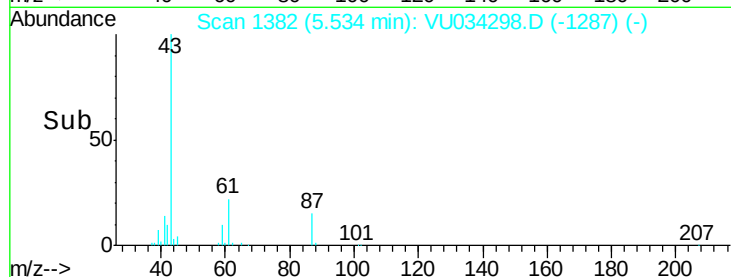
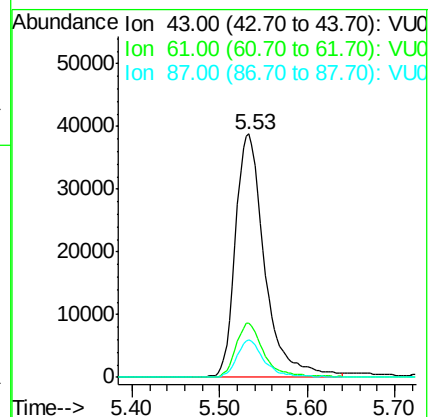
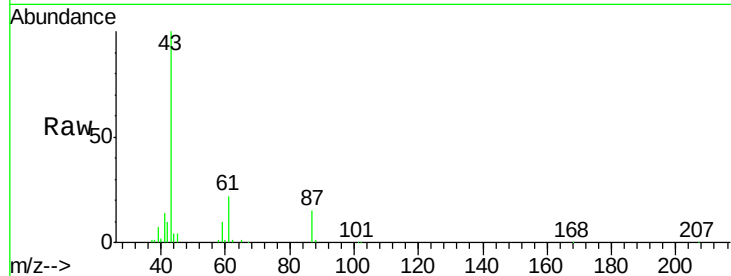
Tot Ion: 43 Resp: 90586

Ion Ratio Lower Upper

43 100

61 20.9 17.1 25.7

87 13.9 11.1 16.7



#50

Toluene-d8

Concen: 39.651 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034298.D

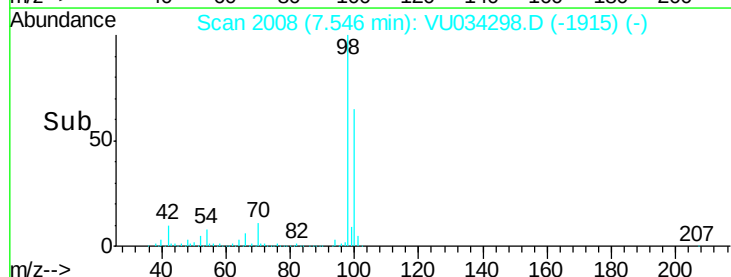
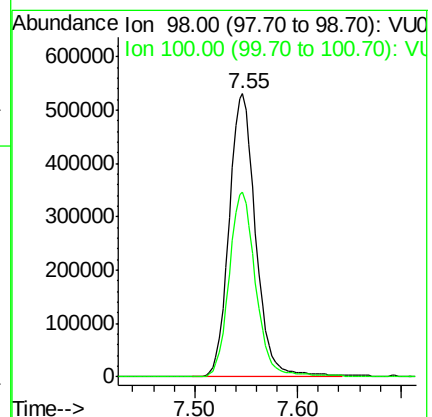
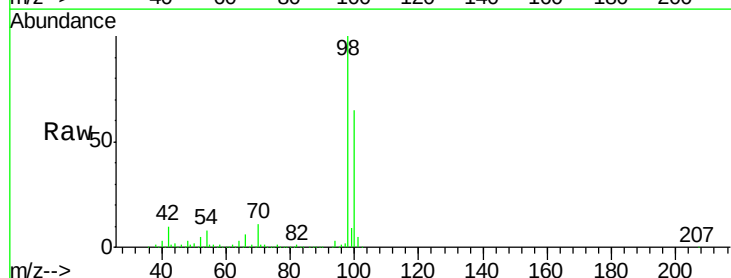
Acq: 05 Sep 2019 20:57

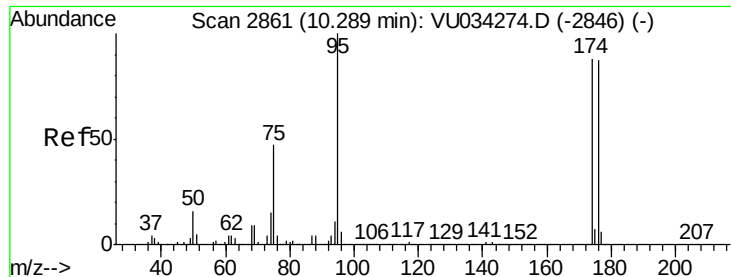
Tgt Ion: 98 Resp: 953433

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 35.819 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034298.D

Acq: 05 Sep 2019 20:57

Instrument :

MSVOA_U

ClientSampleId :

T8-S-G2-(0)

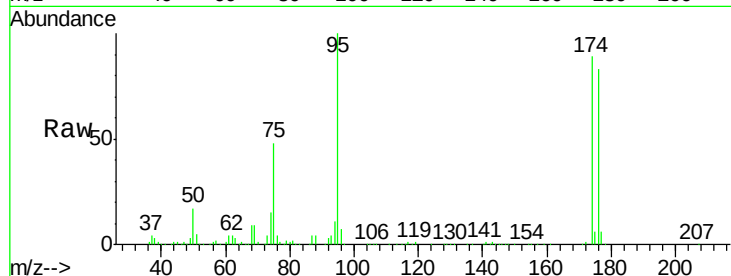
Tot Ion: 95 Resp: 332546

Ion Ratio Lower Upper

95 100

174 88.8 0.0 175.2

176 83.2 0.0 168.0

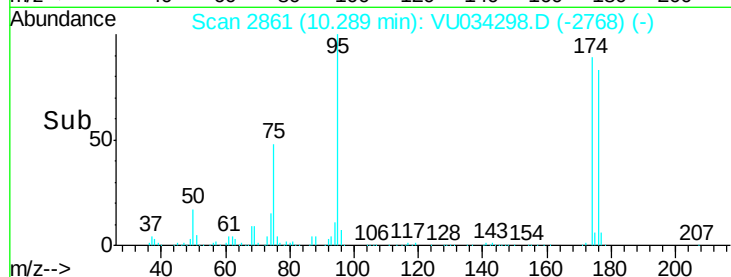


Abundance Ion 94.90 (94.60 to 95.60): VU034298.D (-2389) (-)

Ion 173.80 (173.50 to 174.50): VU034298.D (-2389) (-)

Ion 175.80 (175.50 to 176.50): VU034298.D (-2389) (-)

Time-->

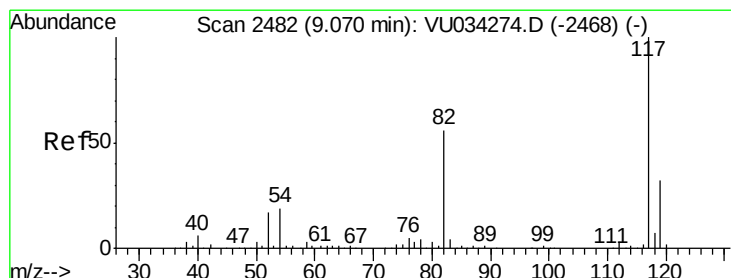


Abundance Ion 94.90 (94.60 to 95.60): VU034298.D (-2389) (-)

Ion 173.80 (173.50 to 174.50): VU034298.D (-2389) (-)

Ion 175.80 (175.50 to 176.50): VU034298.D (-2389) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034298.D

Acq: 05 Sep 2019 20:57

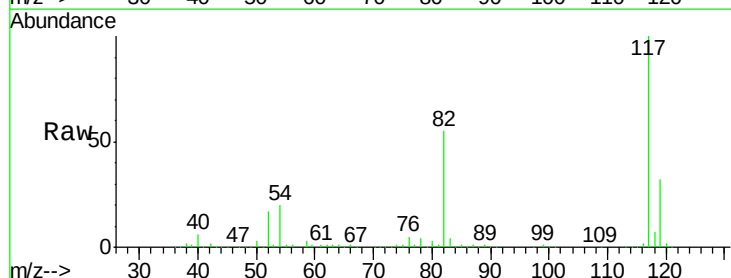
Tgt Ion: 117 Resp: 672670

Ion Ratio Lower Upper

117 100

82 55.2 44.6 67.0

119 32.2 25.9 38.9

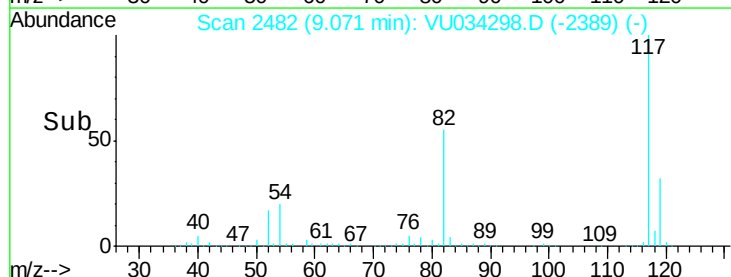


Abundance Ion 116.90 (116.60 to 117.60): VU034298.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034298.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034298.D (-2389) (-)

Time-->

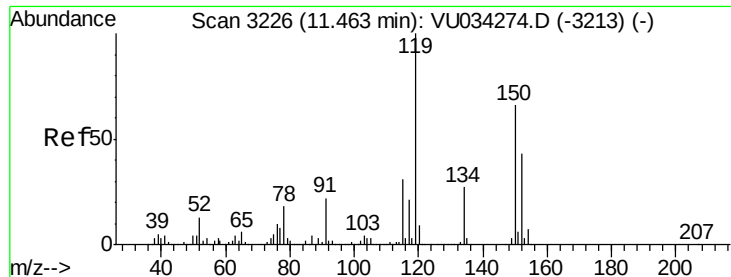


Abundance Ion 116.90 (116.60 to 117.60): VU034298.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034298.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034298.D (-2389) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034298.D

Acq: 05 Sep 2019 20:57

Instrument :

MSVOA_U

ClientSampleId :

T8-S-G2-(0)

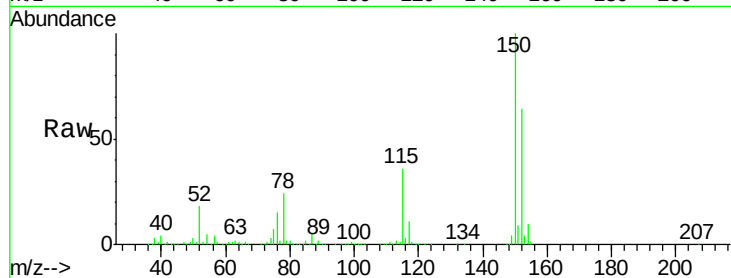
Tot Ion:152 Resp: 323968

Ion Ratio Lower Upper

152 100

115 56.5 39.1 117.3

150 158.6 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

