

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034297.D
 Acq On : 05 Sep 2019 20:34
 Operator : JC/SP
 Sample : K4548-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T8-S-G1-(2.5)

Quant Time: Sep 06 08:31:23 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

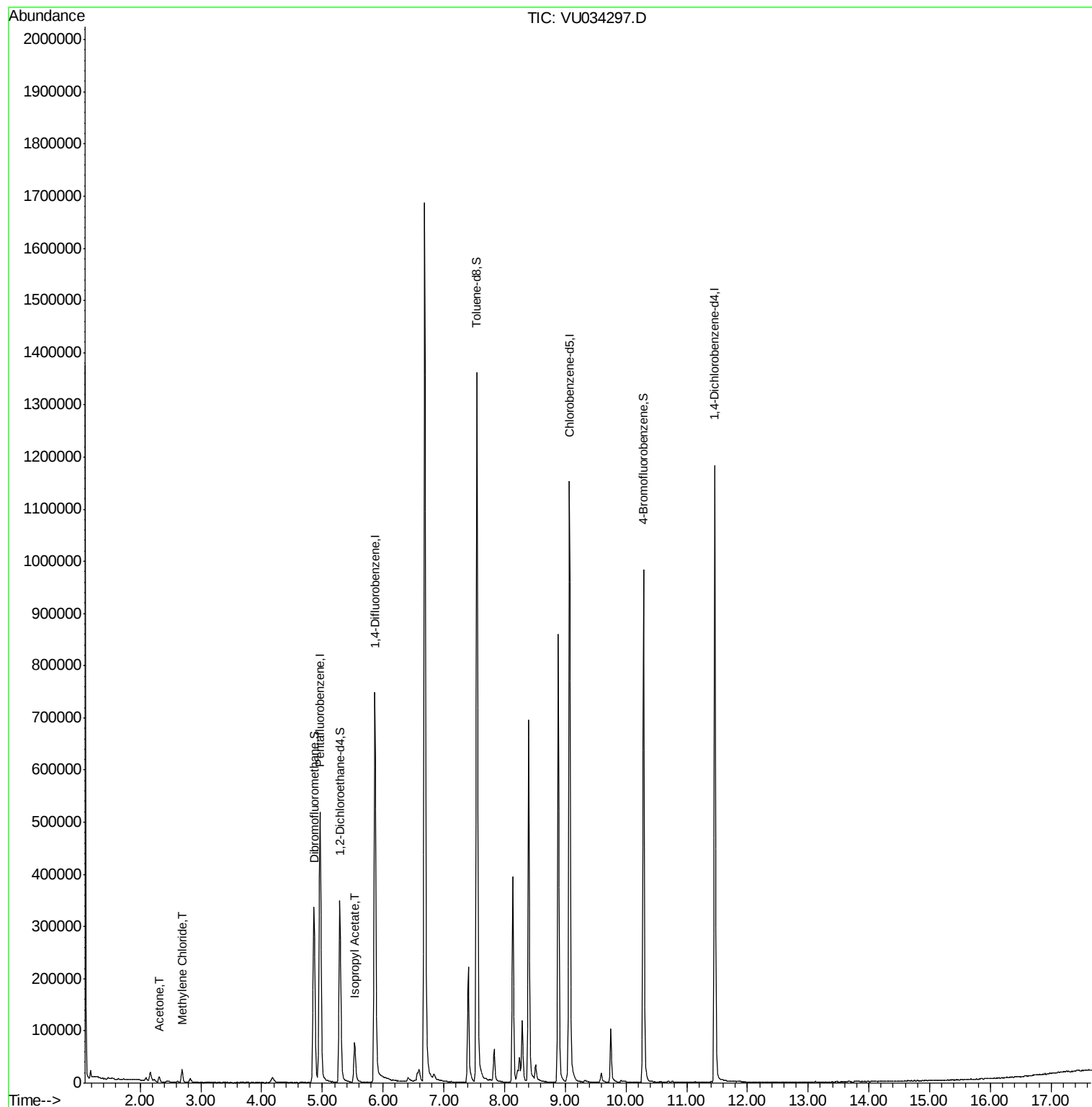
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	432310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	671745	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	678622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	337272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	278665	42.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.20%	
35) Dibromofluoromethane	4.86	113	242662	38.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.64%	
50) Toluene-d8	7.55	98	956204	40.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.44%	
62) 4-Bromofluorobenzene	10.29	95	338760	37.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.72%	
Target Compounds						
16) Acetone	2.31	43	11309	3.341	ug/l	97
20) Methylene Chloride	2.69	84	11297	1.651	ug/l	99
43) Isopropyl Acetate	5.53	43	91335	6.797	ug/l	98

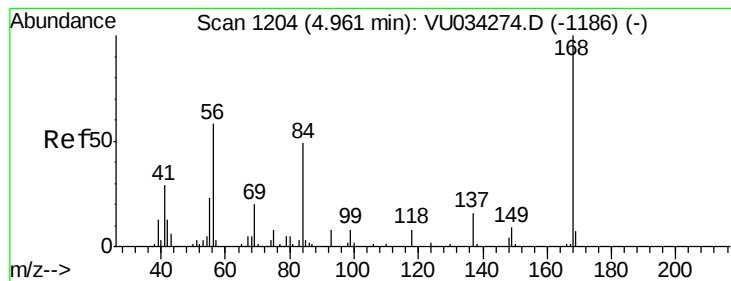
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1205

Delta R.T. 0.00 min

Lab File: VU034297.D

Acq: 05 Sep 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

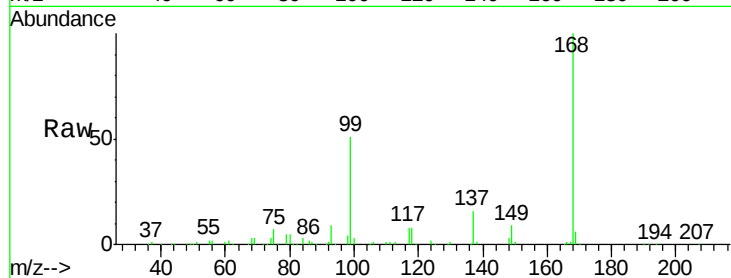
T8-S-G1-(2.5)

Tot Ion:168 Resp: 432310

Ion Ratio Lower Upper

168 100

99 50.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034297.D (-1111) (-)

Ion 98.90 (98.60 to 99.60): VU034297.D (-1111) (-)

4.96

200000

150000

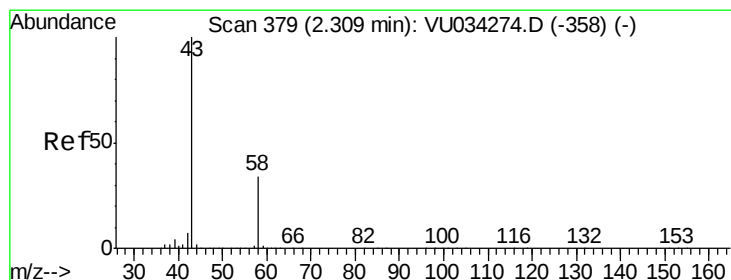
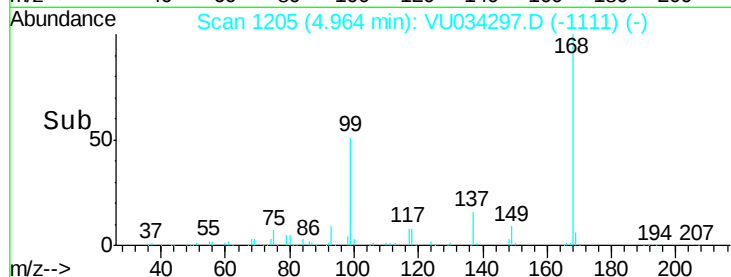
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 3.341 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034297.D

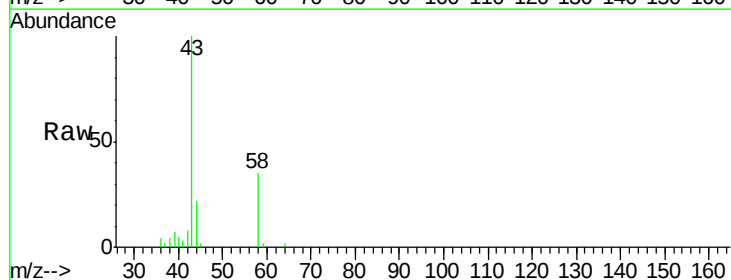
Acq: 05 Sep 2019 20:34

Tgt Ion: 43 Resp: 11309

Ion Ratio Lower Upper

43 100

58 36.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034297.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034297.D (-286) (-)

2.31

6000

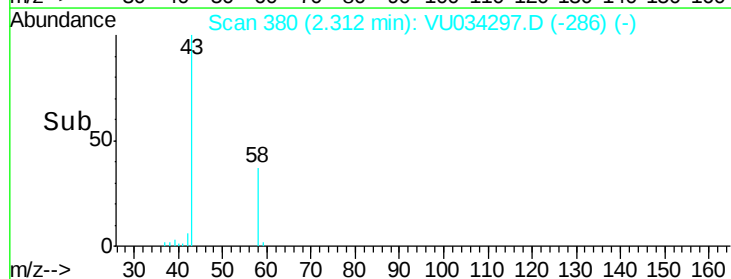
4000

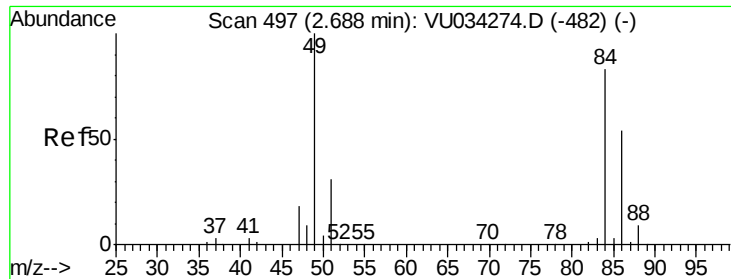
2000

0

2.25 2.30 2.35

Time-->

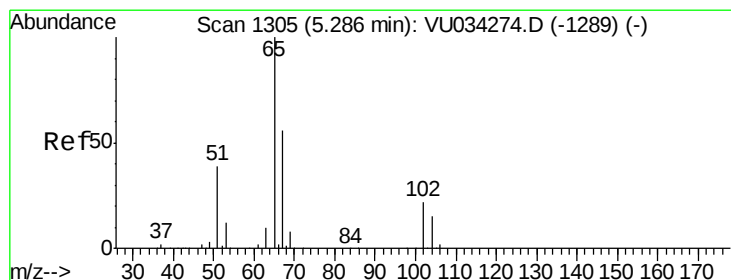
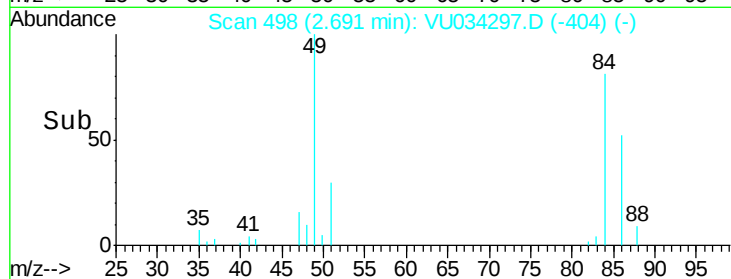
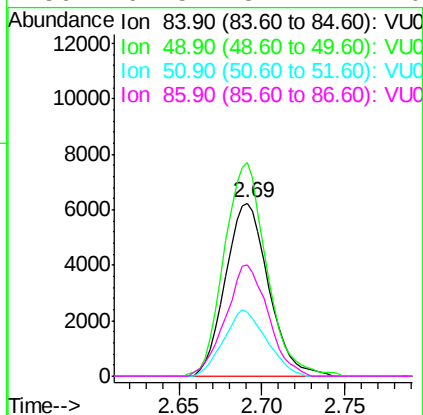
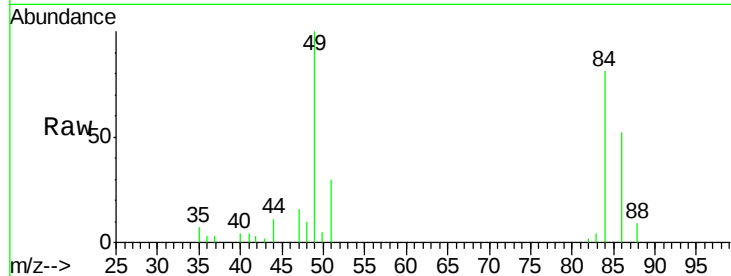




#20
Methvlene Chloride
Concen: 1.651 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU034297.D
Acq: 05 Sep 2019 20:34

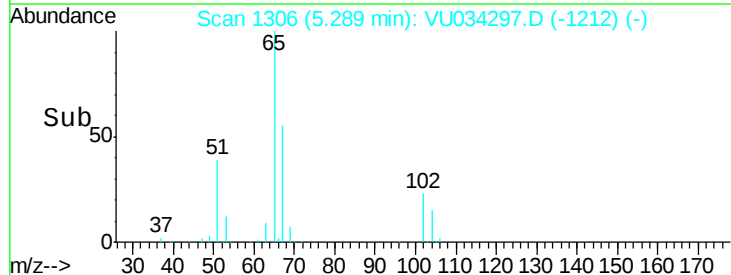
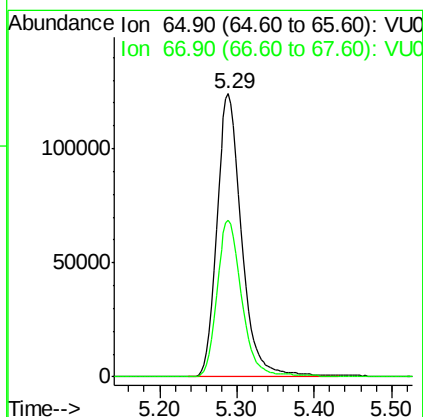
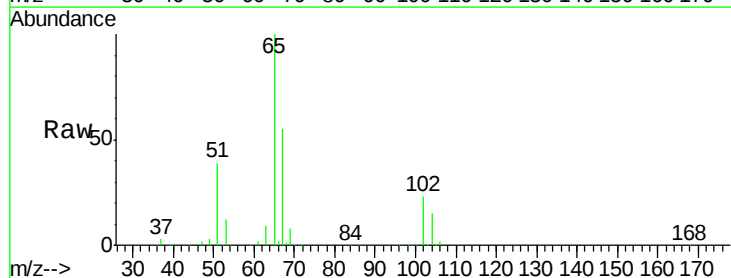
Instrument :
MSVOA_U
ClientSampleId :
T8-S-G1-(2.5)

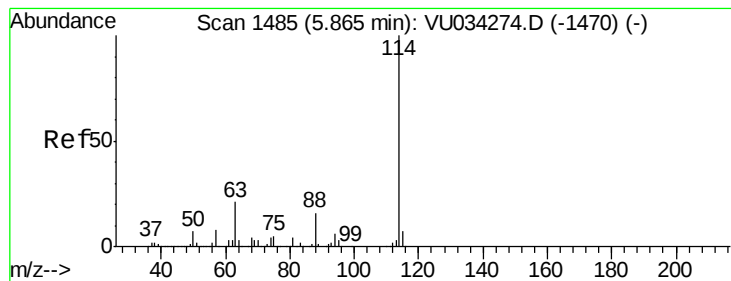
Tot Ion: 84 Resp: 11297
Ion Ratio Lower Upper
84 100
49 121.5 96.0 144.0
51 37.2 30.0 45.0
86 64.5 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 42.603 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034297.D
Acq: 05 Sep 2019 20:34

Tgt Ion: 65 Resp: 278665
Ion Ratio Lower Upper
65 100
67 54.5 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: VU034297.D

Acq: 05 Sep 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

T8-S-G1-(2.5)

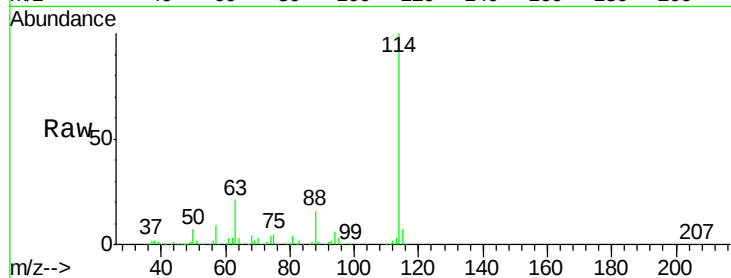
Tot Ion:114 Resp: 671745

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

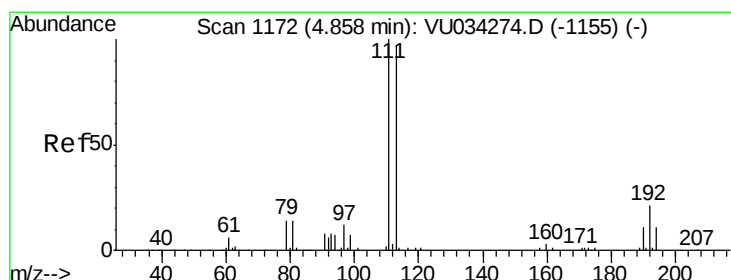
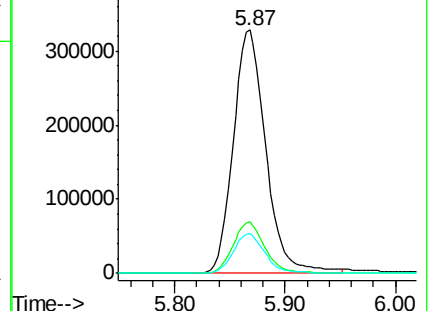
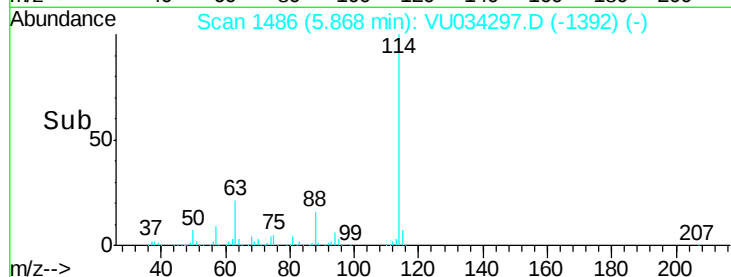
88 16.2 0.0 32.4



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: 38.822 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034297.D

Acq: 05 Sep 2019 20:34

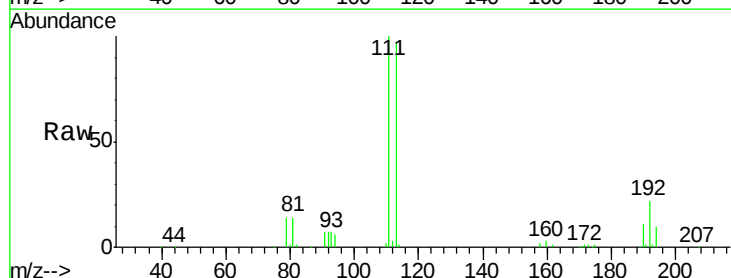
Tgt Ion:113 Resp: 242662

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

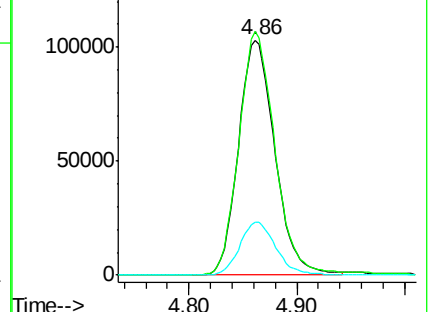
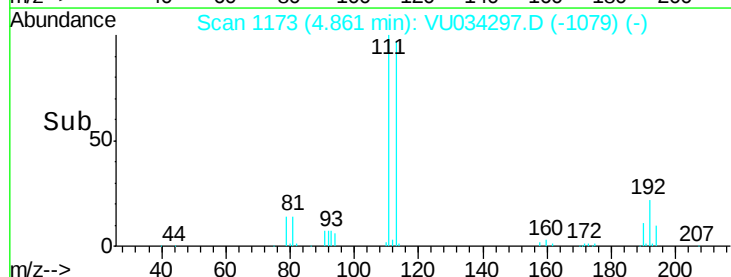
192 22.4 17.8 26.8

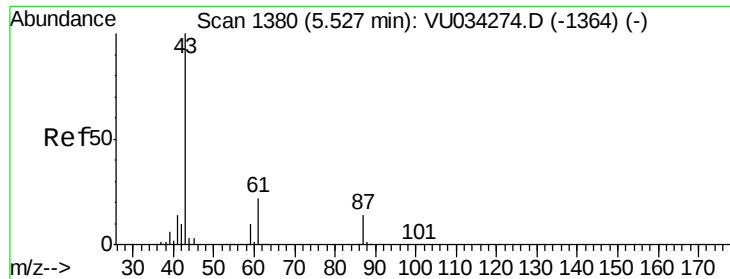


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



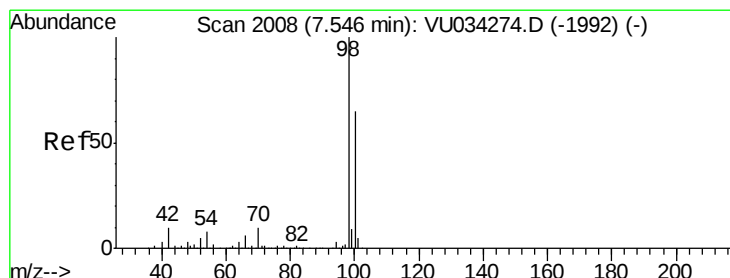
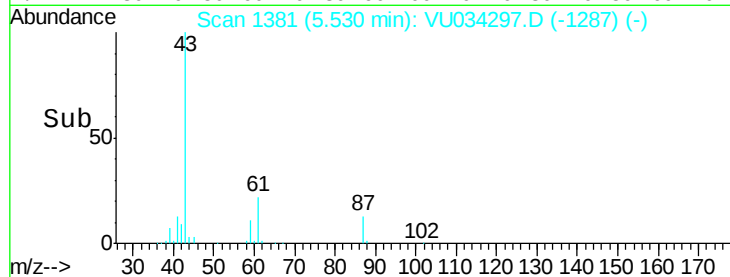
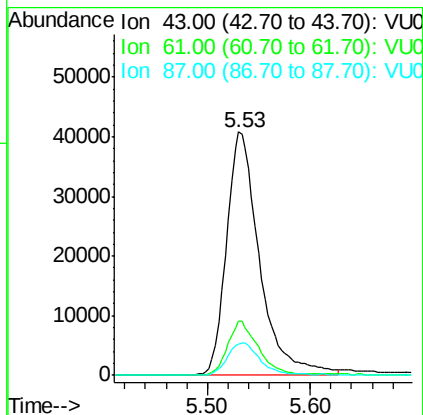
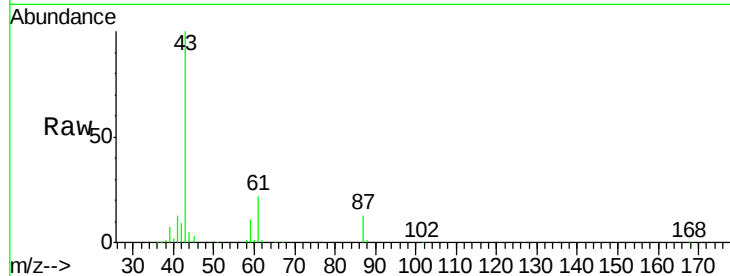


#43

Isopropyl Acetate
 Concen: 6.797 ug/l
 RT: 5.53 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VU034297.D
 Acq: 05 Sep 2019 20:34

Instrument :
 MSVOA_U
 ClientSampleId :
 T8-S-G1-(2.5)

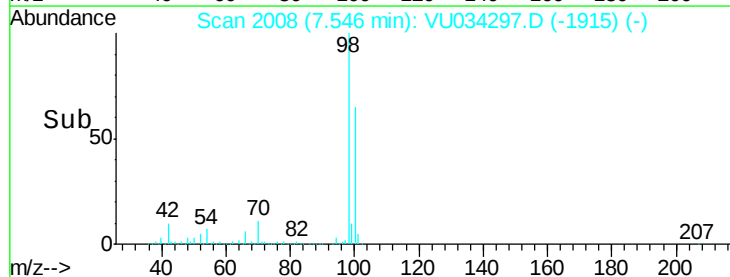
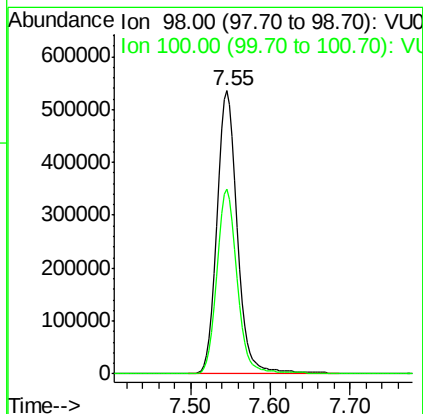
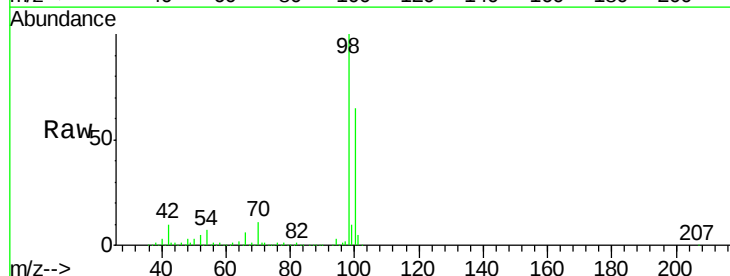
Tot Ion	43	Resp	91335
Ion Ratio	Lower	Upper	
43	100		
61	20.5	17.1	25.7
87	12.9	11.1	16.7

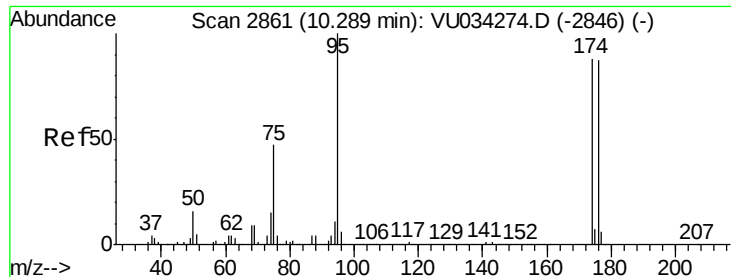


#50

Toluene-d8
 Concen: 40.718 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: VU034297.D
 Acq: 05 Sep 2019 20:34

Tgt Ion	98	Resp	956204
Ion Ratio	Lower	Upper	
98	100		
100	65.0	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 37.362 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU034297.D

Acq: 05 Sep 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

T8-S-G1-(2.5)

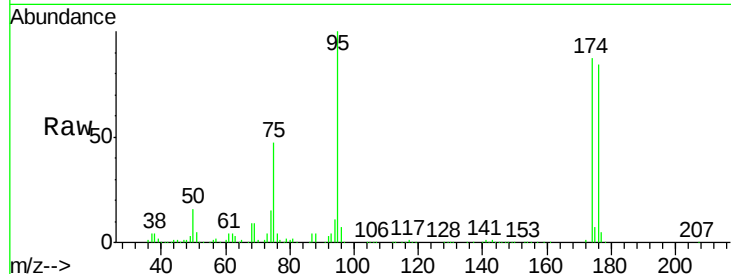
Tot Ion: 95 Resp: 338760

Ion Ratio Lower Upper

95 100

174 87.1 0.0 175.2

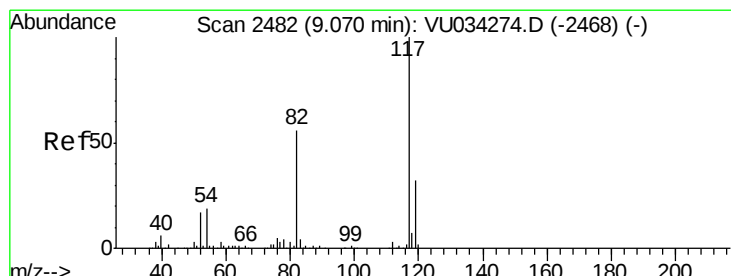
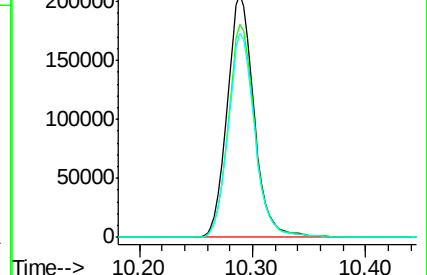
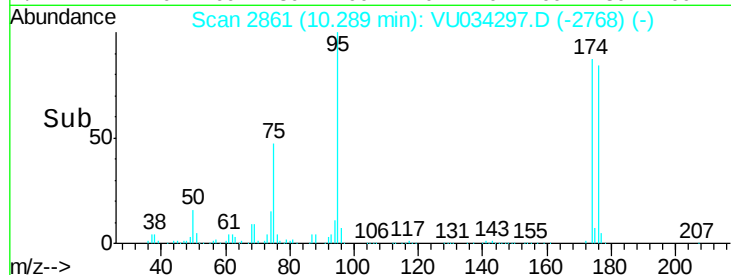
176 83.7 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU034297.D (-2389) (-)

Ion 173.80 (173.50 to 174.50): VU034297.D (-2389) (-)

Ion 175.80 (175.50 to 176.50): VU034297.D (-2389) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. -0.00 min

Lab File: VU034297.D

Acq: 05 Sep 2019 20:34

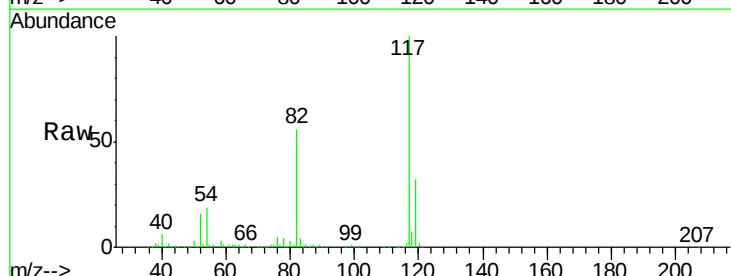
Tgt Ion: 117 Resp: 678622

Ion Ratio Lower Upper

117 100

82 55.9 44.6 67.0

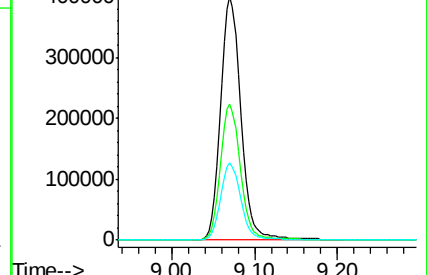
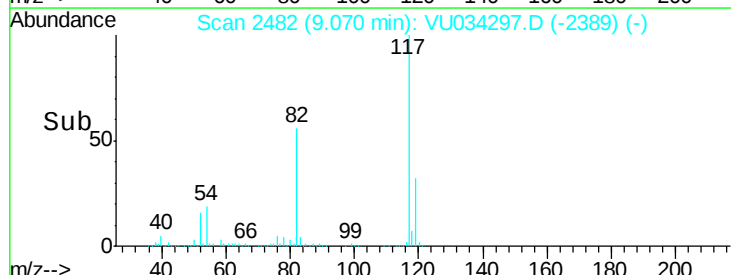
119 31.6 25.9 38.9

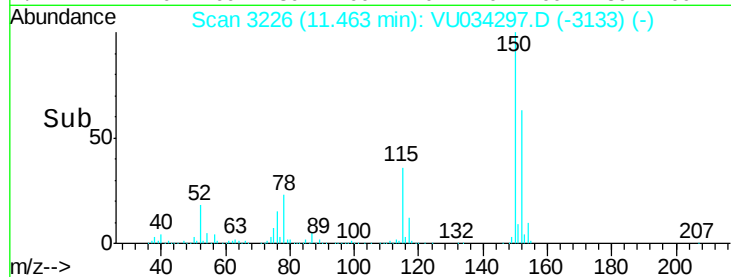
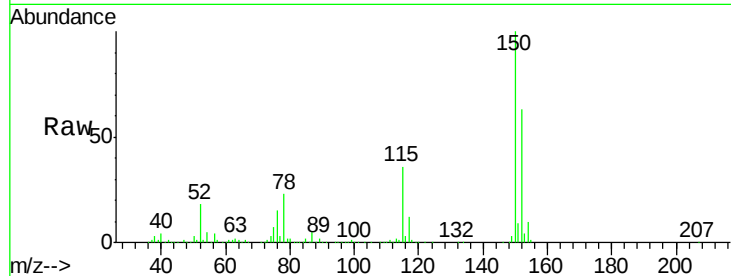
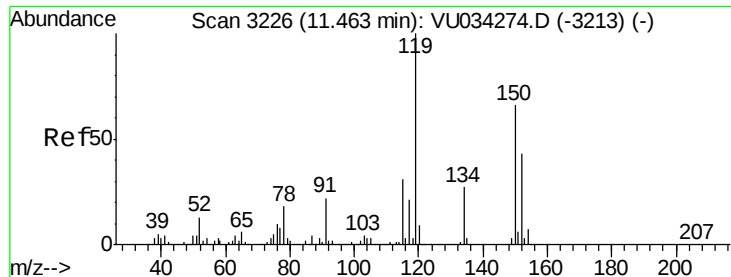


Abundance Ion 116.90 (116.60 to 117.60): VU034297.D (-2389) (-)

Ion 82.00 (81.70 to 82.70): VU034297.D (-2389) (-)

Ion 118.90 (118.60 to 119.60): VU034297.D (-2389) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034297.D

Acq: 05 Sep 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

T8-S-G1-(2.5)

Tot Ion:152 Resp: 337272

Ion Ratio Lower Upper

152 100

115 55.9 39.1 117.3

150 156.1 0.0 345.4

