

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034180.D
 Acq On : 01 Sep 2019 19:35
 Operator : JC/SP
 Sample : K4527-31
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-N2-(1.9)

Quant Time: Sep 02 09:13:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

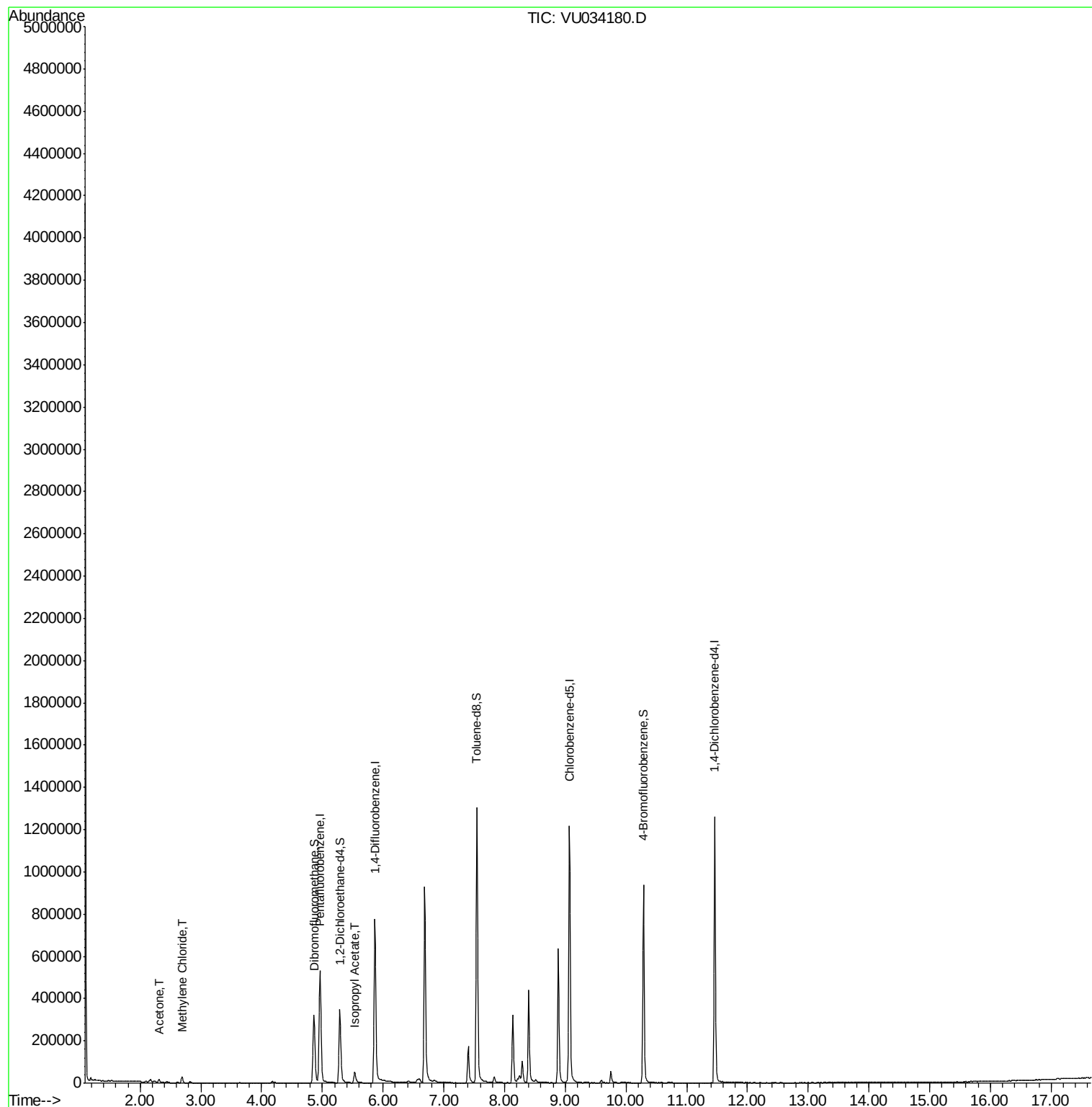
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	429463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	704280	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	700652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	339481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	278195	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
35) Dibromofluoromethane	4.86	113	229554	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	7.55	98	913894	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	10.29	95	319138	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
Target Compounds						
16) Acetone	2.31	43	17693	6.301	ug/l	97
20) Methylene Chloride	2.69	84	13378	2.517	ug/l	96
43) Isopropyl Acetate	5.53	43	60823	5.359	ug/l	98

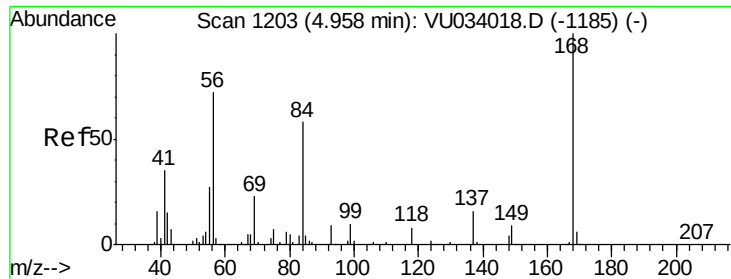
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.01 min

Lab File: VU034180.D

Acq: 01 Sep 2019 19:35

Instrument :

MSVOA_U

ClientSampleId :

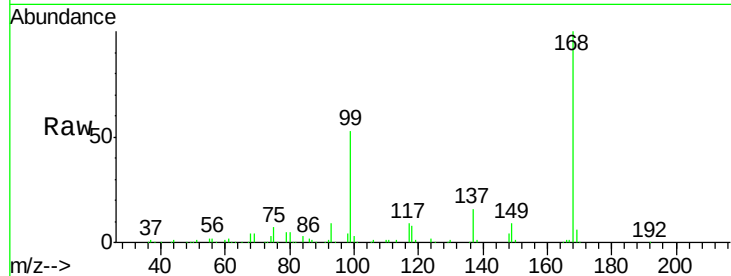
T9-12-13-N2-(1.9)

Tot Ion:168 Resp: 429463

Ion Ratio Lower Upper

168 100

99 52.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034180.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034180.D (-1185) (-)

4.96

200000

150000

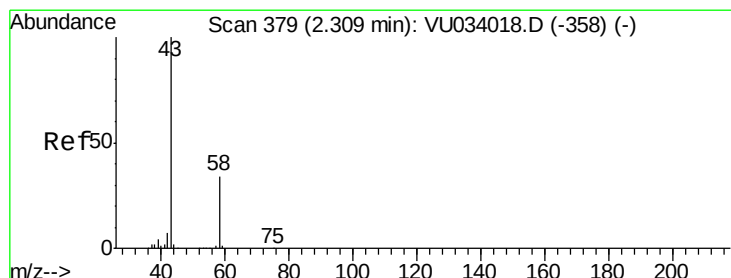
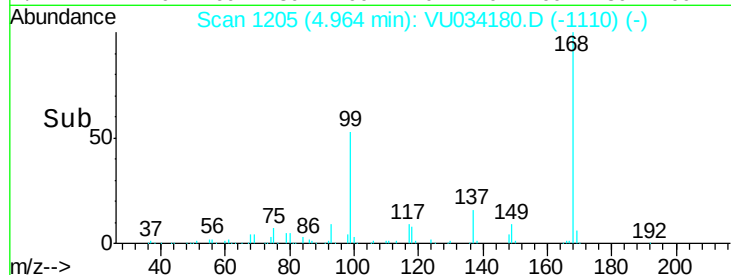
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 6.301 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034180.D

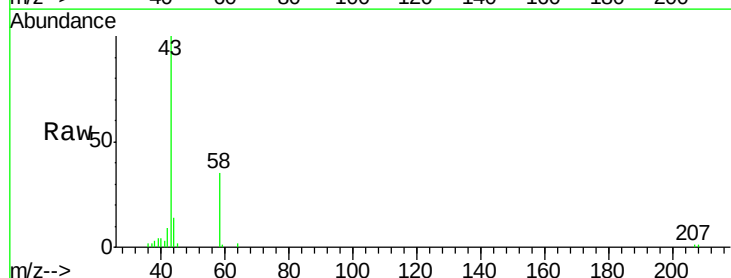
Acq: 01 Sep 2019 19:35

Tgt Ion: 43 Resp: 17693

Ion Ratio Lower Upper

43 100

58 35.2 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034180.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034180.D (-358) (-)

2.31

12000

10000

8000

6000

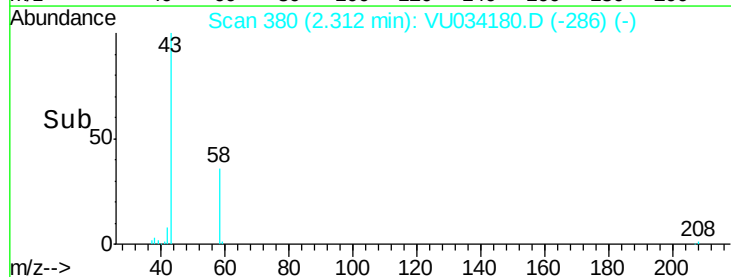
4000

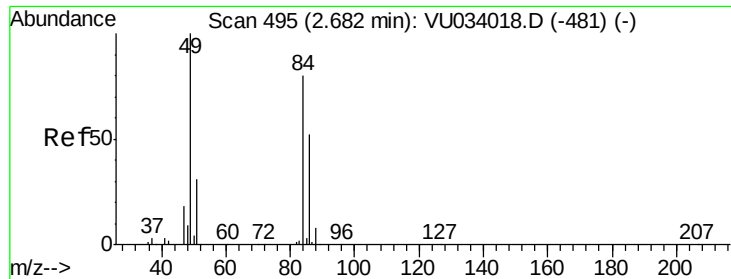
2000

0

2.25 2.30 2.35

Time-->

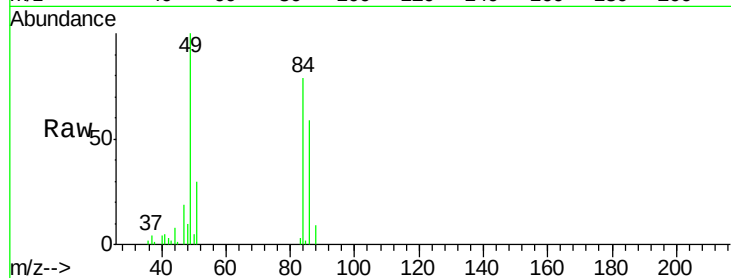




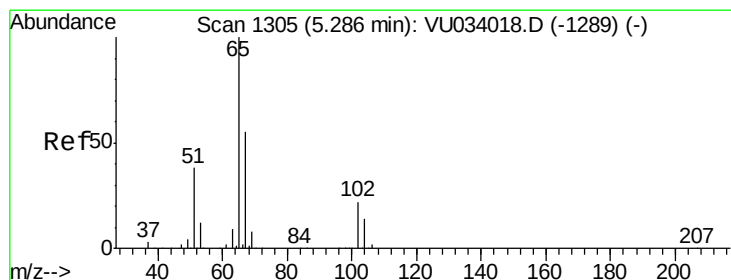
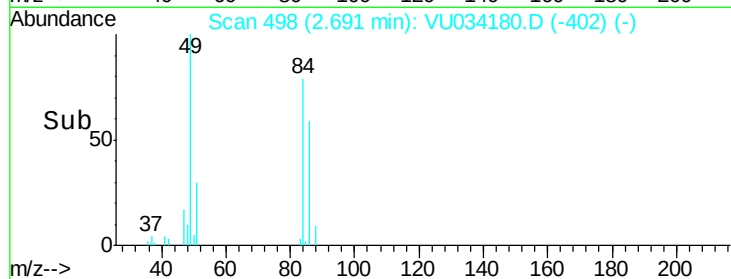
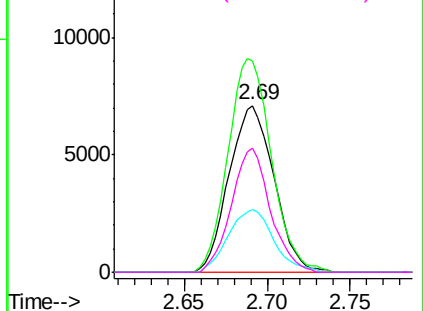
#20
Methylene Chloride
Concen: 2.517 ug/l
RT: 2.69 min Scan# 498
Delta R.T. 0.01 min
Lab File: VU034180.D
Acq: 01 Sep 2019 19:35

Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-N2-(1.9)

Tot Ion:	84	Resp:	13378
Ion	Ratio	Lower	Upper
84	100		
49	126.8	100.2	150.4
51	37.5	30.8	46.2
86	74.2	52.5	78.7

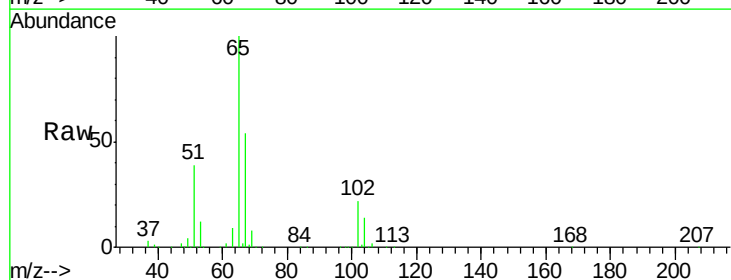


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

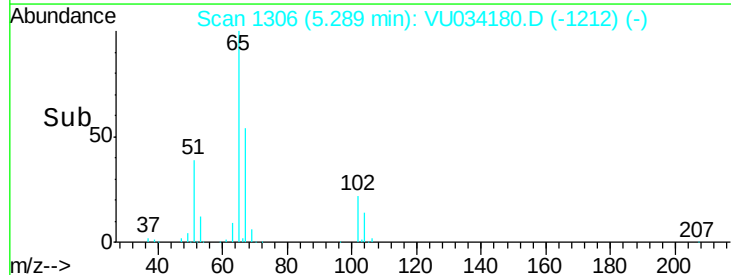
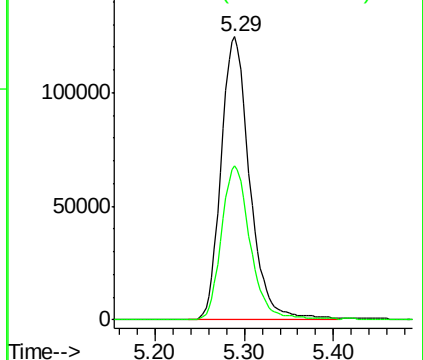


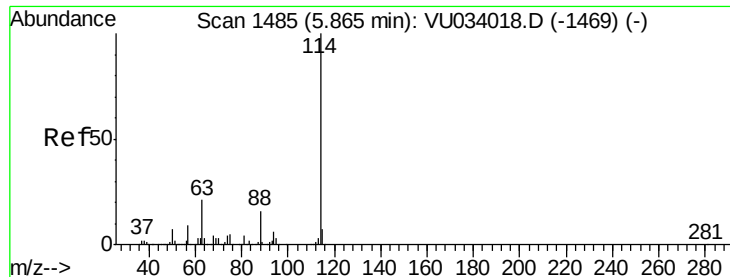
#33
1,2-Dichloroethane-d4
Concen: 50.554 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034180.D
Acq: 01 Sep 2019 19:35

Tgt Ion:	65	Resp:	278195
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

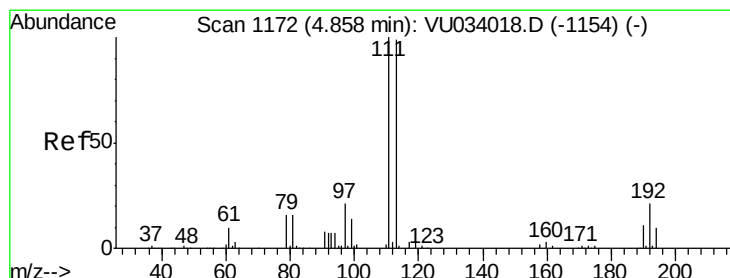
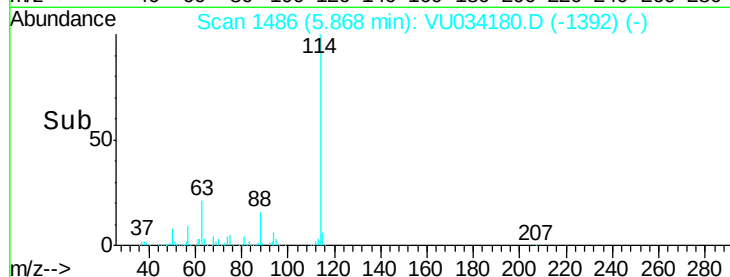
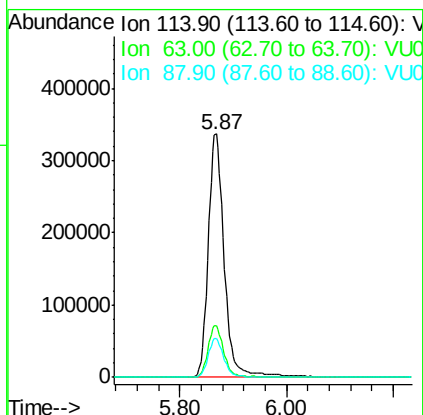
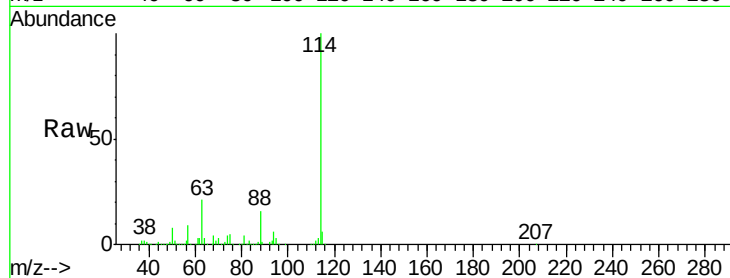




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034180.D
 Acq: 01 Sep 2019 19:35

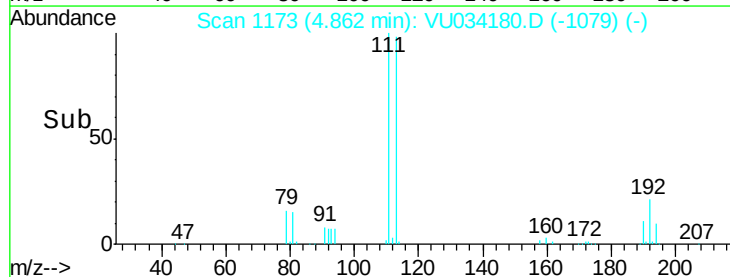
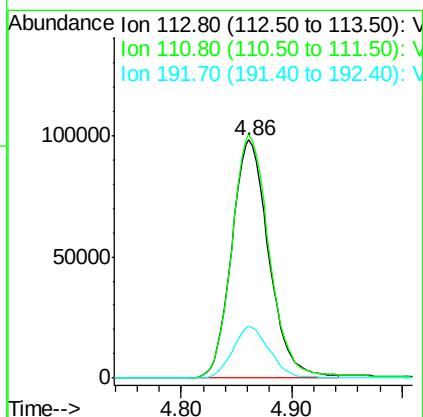
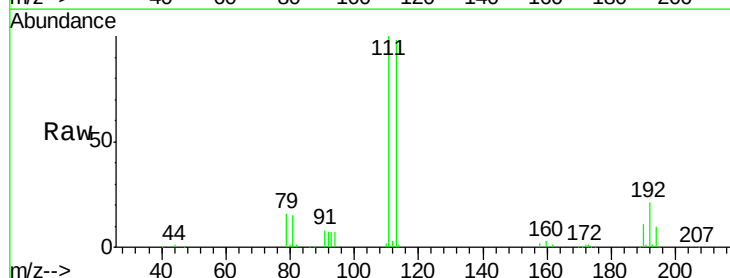
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-N2-(1.9)

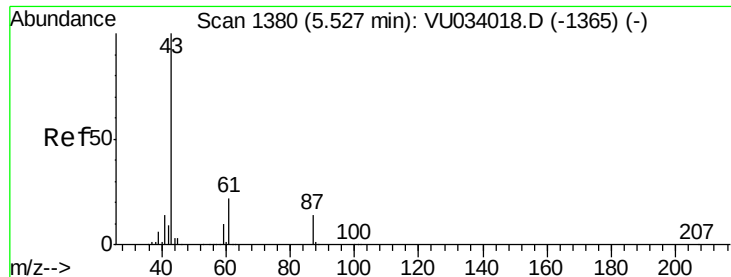
Tot Ion:114 Resp: 704280
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.0
 88 16.1 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 46.993 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034180.D
 Acq: 01 Sep 2019 19:35

Tgt Ion:113 Resp: 229554
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.7 122.5
 192 21.5 17.1 25.7





#43

Isopropyl Acetate

Concen: 5.359 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU034180.D

Acq: 01 Sep 2019 19:35

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-N2-(1.9)

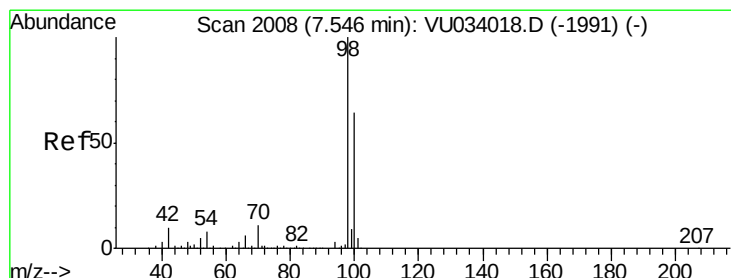
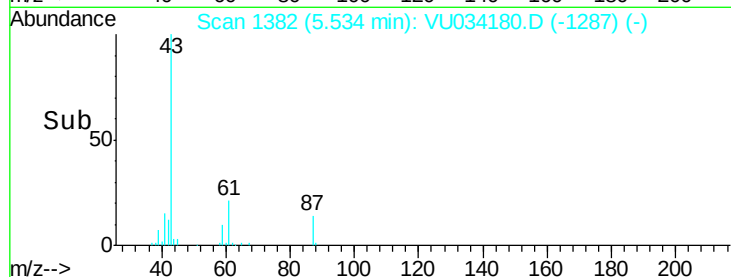
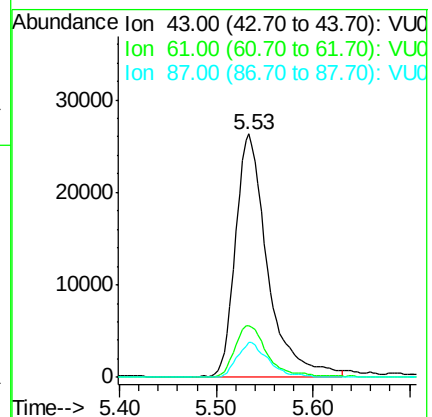
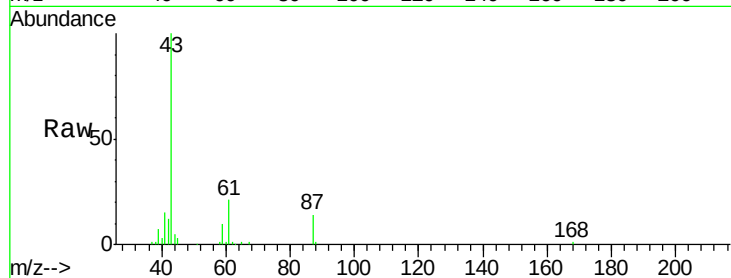
Tot Ion: 43 Resp: 60823

Ion Ratio Lower Upper

43 100

61 20.5 17.2 25.8

87 13.9 10.8 16.2



#50

Toluene-d8

Concen: 49.965 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034180.D

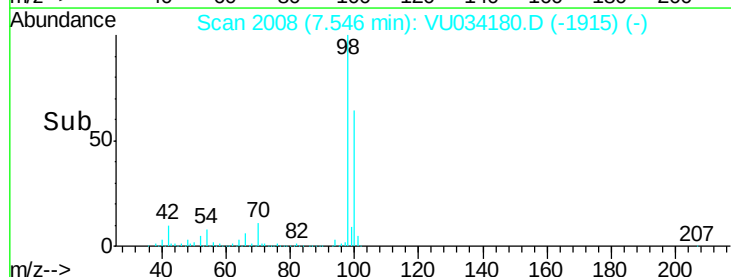
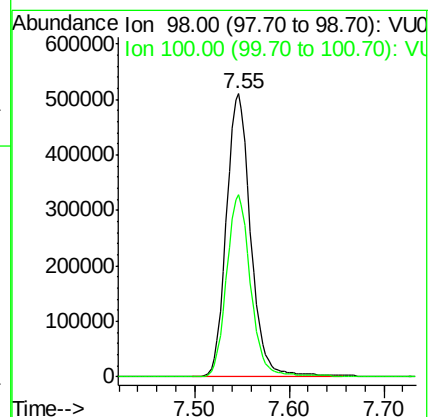
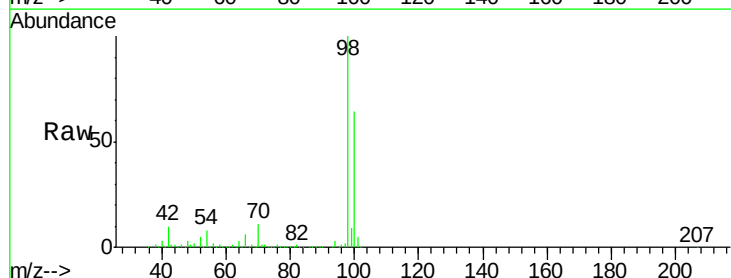
Acq: 01 Sep 2019 19:35

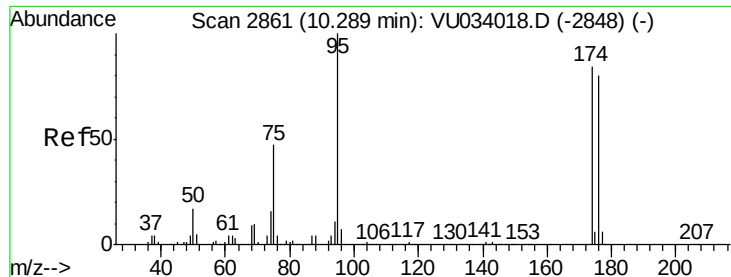
Tgt Ion: 98 Resp: 913894

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5





#62

4-Bromofluorobenzene

Concen: 44.855 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034180.D

Acq: 01 Sep 2019 19:35

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-N2-(1.9)

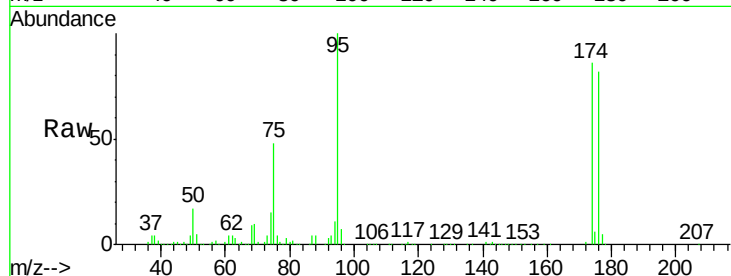
Tot Ion: 95 Resp: 319138

Ion Ratio Lower Upper

95 100

174 85.5 0.0 168.8

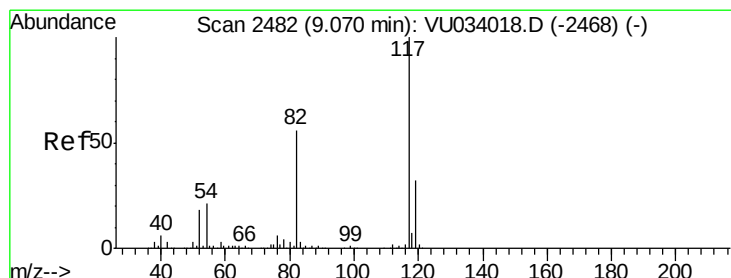
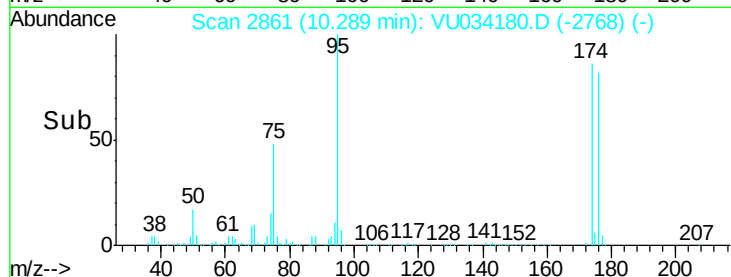
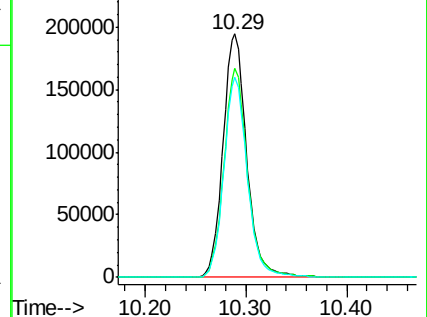
176 81.8 0.0 161.8



Abundance Ion 94.90 (94.60 to 95.60): VU034180.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU034180.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU034180.D (-2848) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034180.D

Acq: 01 Sep 2019 19:35

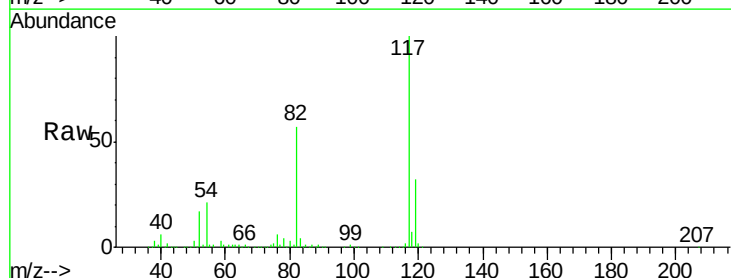
Tgt Ion: 117 Resp: 700652

Ion Ratio Lower Upper

117 100

82 56.7 45.1 67.7

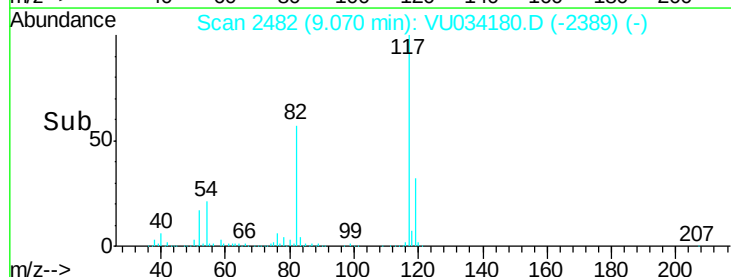
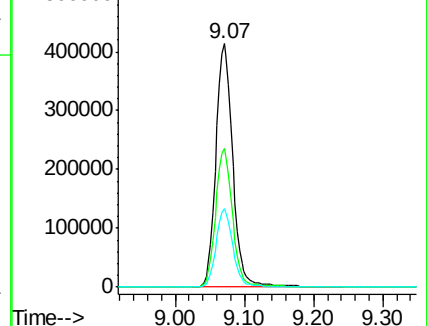
119 32.1 25.4 38.0

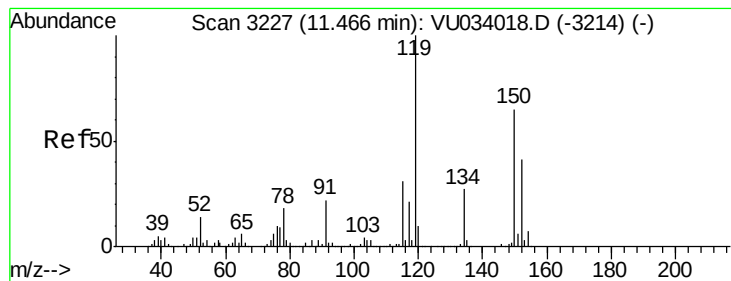


Abundance Ion 116.90 (116.60 to 117.60): VU034180.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU034180.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU034180.D (-2468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VU034180.D

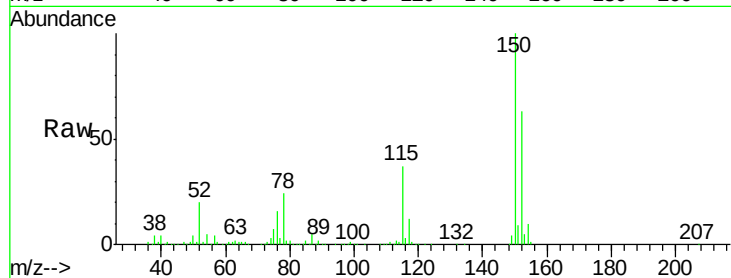
Acq: 01 Sep 2019 19:35

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-N2-(1.9)



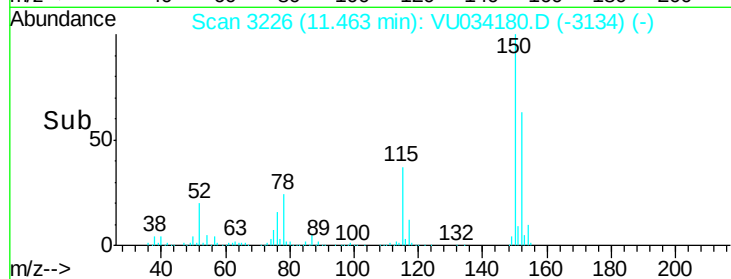
Tot Ion:152 Resp: 339481

Ion Ratio Lower Upper

152 100

115 57.2 41.1 123.3

150 157.8 0.0 348.8



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

