

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034184.D
 Acq On : 01 Sep 2019 21:08
 Operator : JC/SP
 Sample : K4648-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-7

Quant Time: Sep 02 09:03:21 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

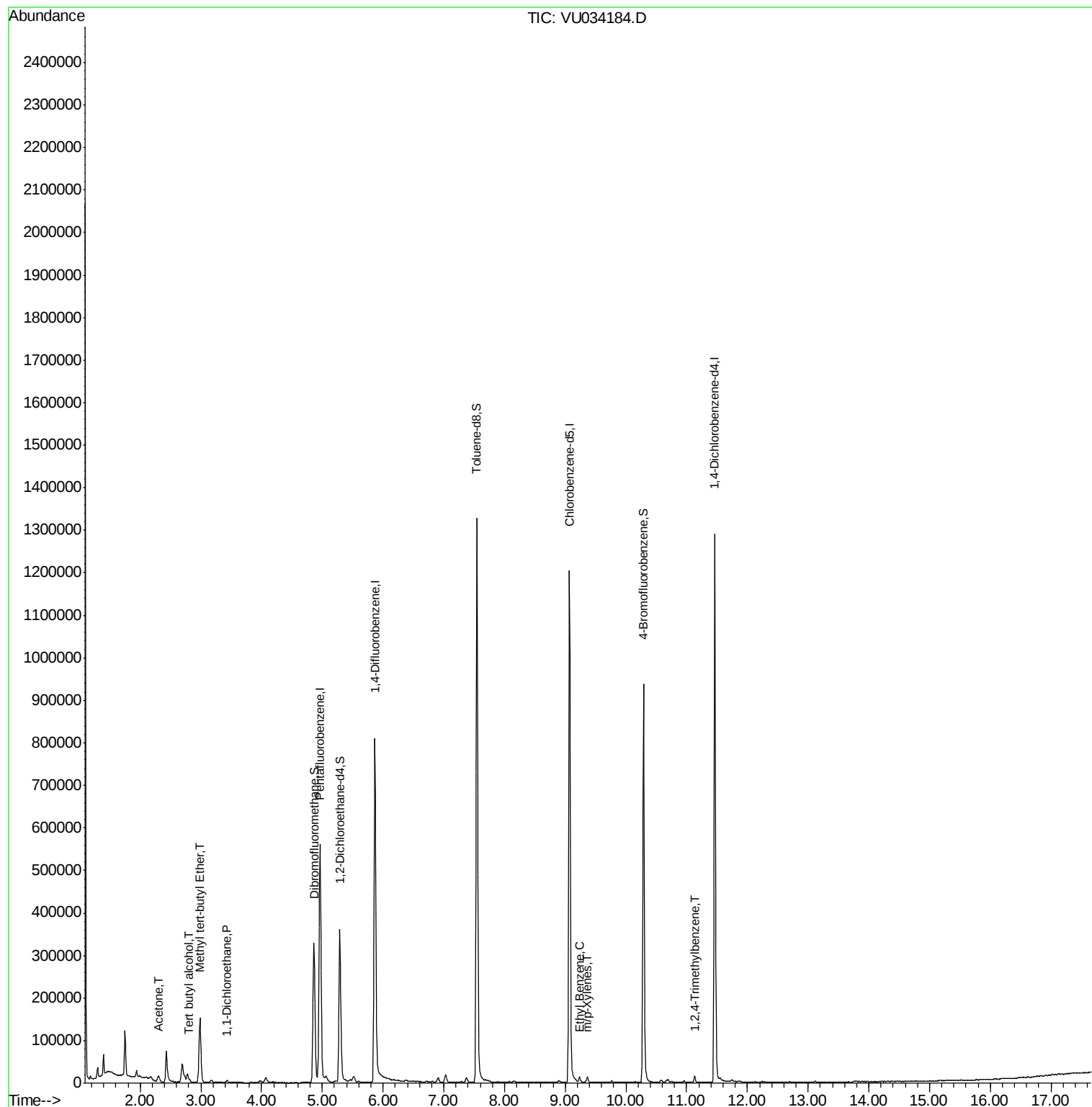
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	449390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	730709	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	706434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	355495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	289197	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
35) Dibromofluoromethane	4.86	113	241158	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	7.55	98	923490	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	10.29	95	326833	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.56%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.81	59	5712	4.302	ug/l #	73
16) Acetone	2.31	43	13644	4.644	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	137526	9.330	ug/l #	76
24) 1,1-Dichloroethane	3.43	63	5349	0.585	ug/l #	96
67) Ethyl Benzene	9.23	91	8834	0.358	ug/l	98
68) m/p-Xylenes	9.37	106	3887	0.415	ug/l	91
84) 1,2,4-Trimethylbenzene	11.13	105	8947	0.445	ug/l	98

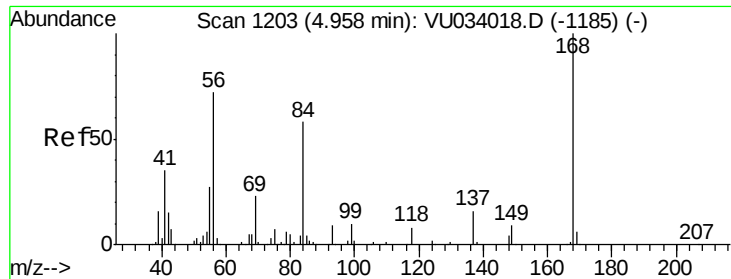
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU034184.D

Acq: 01 Sep 2019 21:08

Instrument :

MSVOA_U

ClientSampled :

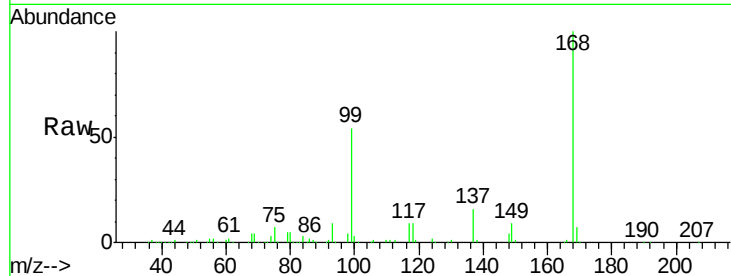
MW-7

Tot Ion:168 Resp: 449390

Ion Ratio Lower Upper

168 100

99 54.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034184.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034184.D (-1185) (-)

4.96

200000

150000

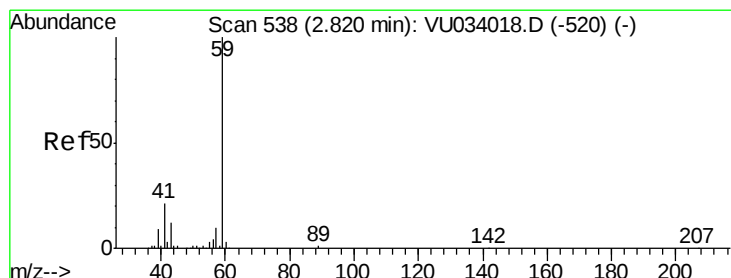
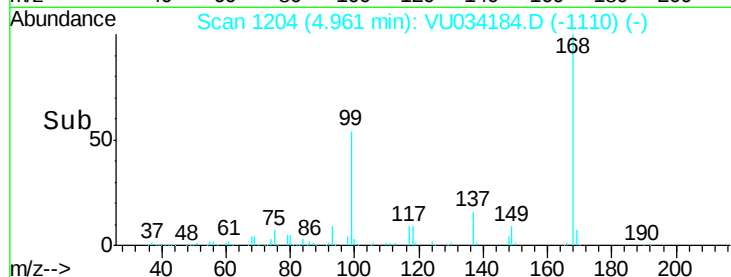
100000

50000

0

4.90 5.00 5.10

Time-->



#11

Tert butyl alcohol

Concen: 4.302 ug/l

RT: 2.81 min Scan# 535

Delta R.T. -0.01 min

Lab File: VU034184.D

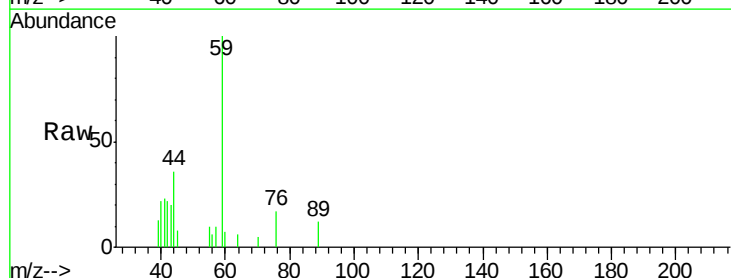
Acq: 01 Sep 2019 21:08

Tgt Ion: 59 Resp: 5712

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU034184.D (-445) (-)

Ion 57.00 (56.70 to 57.70): VU034184.D (-445) (-)

2.81

2500

2000

1500

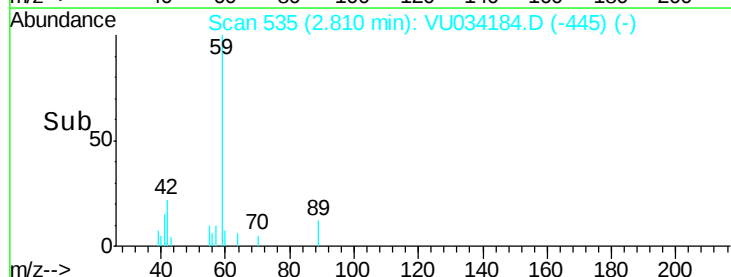
1000

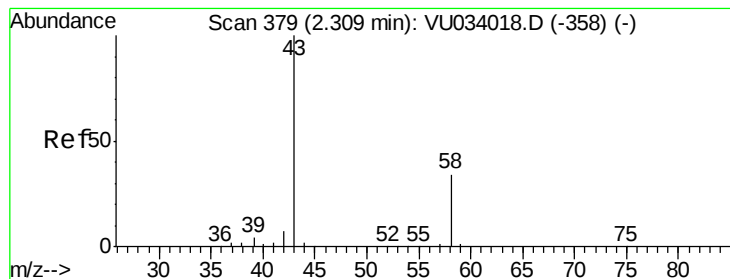
500

0

2.75 2.80 2.85

Time-->





#16

Acetone

Concen: 4.644 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034184.D

Acq: 01 Sep 2019 21:08

Instrument :

MSVOA_U

ClientSampleId :

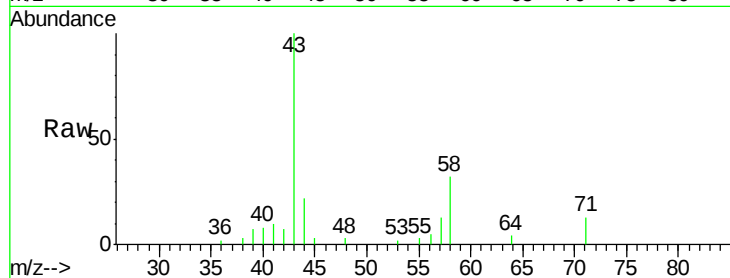
MW-7

Tot Ion: 43 Resp: 13644

Ion Ratio Lower Upper

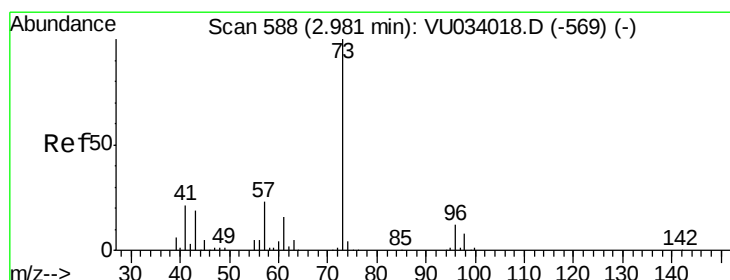
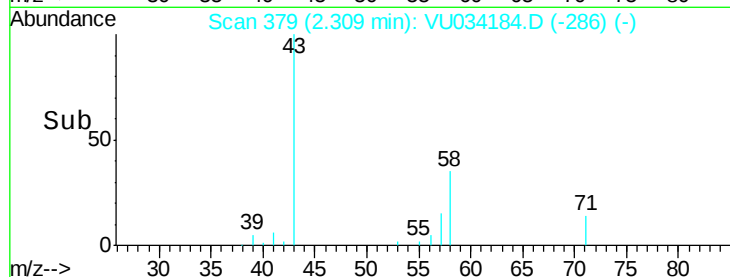
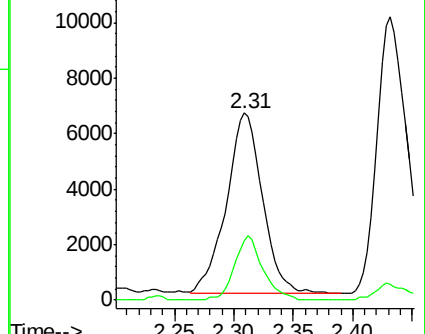
43 100

58 32.8 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VU034184.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034184.D (-358) (-)



#19

Methyl tert-butyl Ether

Concen: 9.330 ug/l

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU034184.D

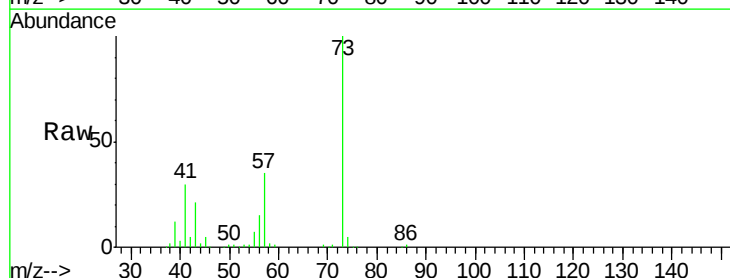
Acq: 01 Sep 2019 21:08

Tgt Ion: 73 Resp: 137526

Ion Ratio Lower Upper

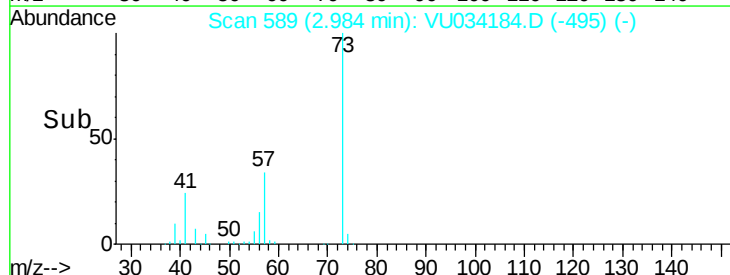
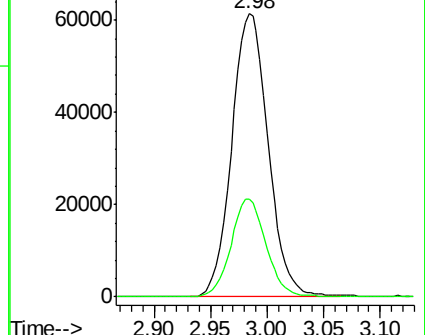
73 100

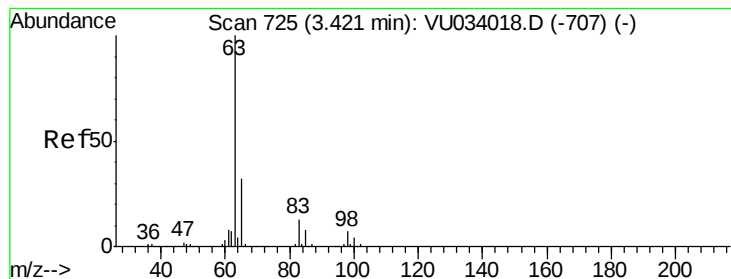
57 34.5 18.3 27.5#



Abundance Ion 73.00 (72.70 to 73.70): VU034184.D (-569) (-)

Ion 57.00 (56.70 to 57.70): VU034184.D (-569) (-)





#24

1,1-Dichloroethane

Concen: 0.585 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.01 min

Lab File: VU034184.D

Acq: 01 Sep 2019 21:08

Instrument :

MSVOA_U

ClientSampled :

MW-7

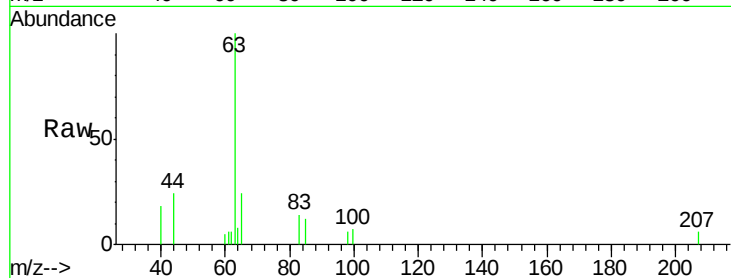
Tot Ion: 63 Resp: 5349

Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.8

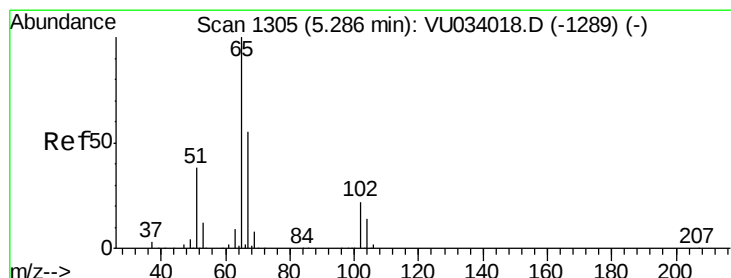
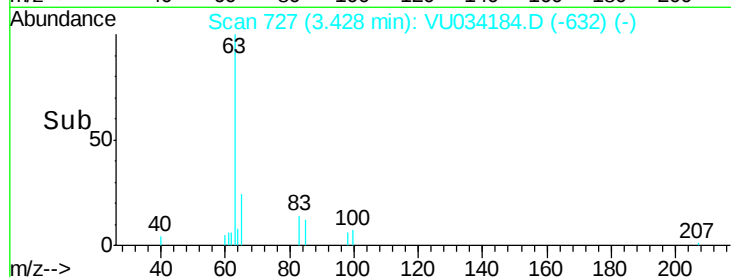
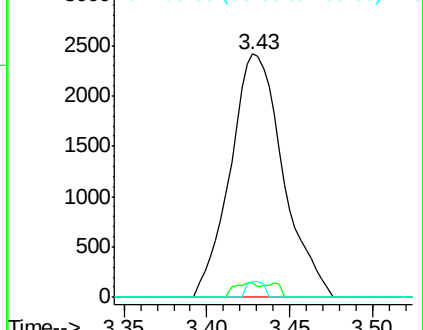
100 6.6 2.0 6.0#



Abundance Ion 62.90 (62.60 to 63.60): VU034184.D (-632) (-)

Ion 97.90 (97.60 to 98.60): VU034184.D (-632) (-)

Ion 99.90 (99.60 to 100.60): VU034184.D (-632) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.223 ug/l

RT: 5.29 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU034184.D

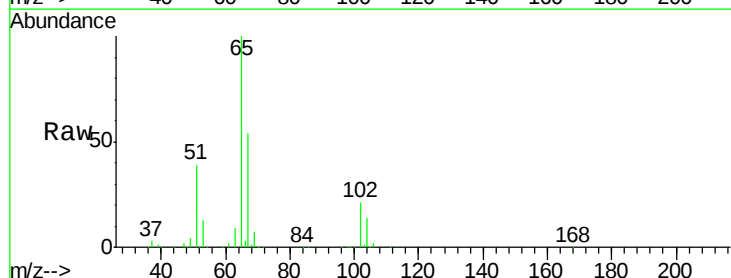
Acq: 01 Sep 2019 21:08

Tgt Ion: 65 Resp: 289197

Ion Ratio Lower Upper

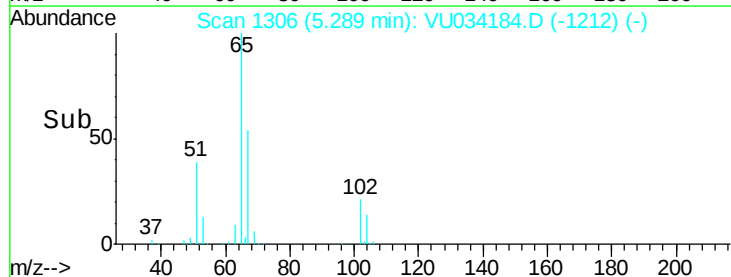
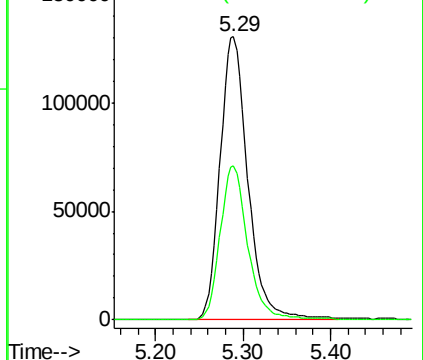
65 100

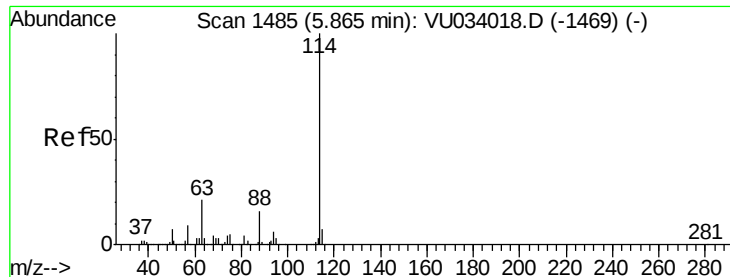
67 54.3 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU034184.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU034184.D (-1212) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.87 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VU034184.D

Acq: 01 Sep 2019 21:08

Instrument :

MSVOA_U

ClientSampleId :

MW-7

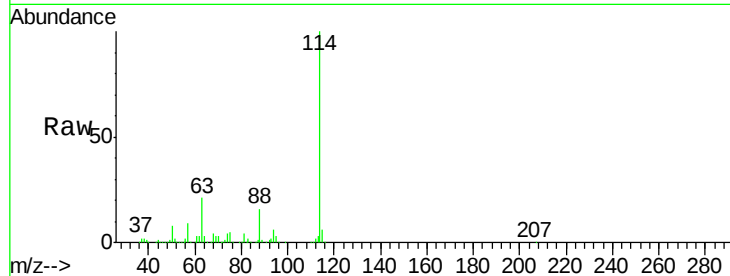
Tot Ion:114 Resp: 730709

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.0

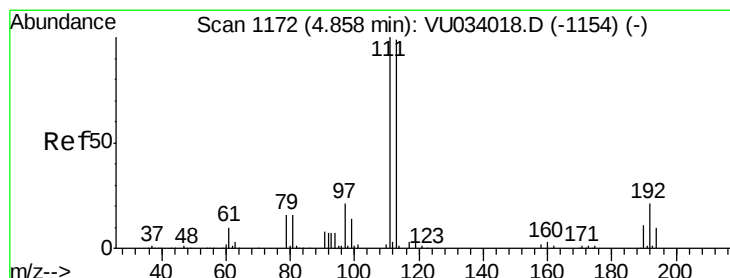
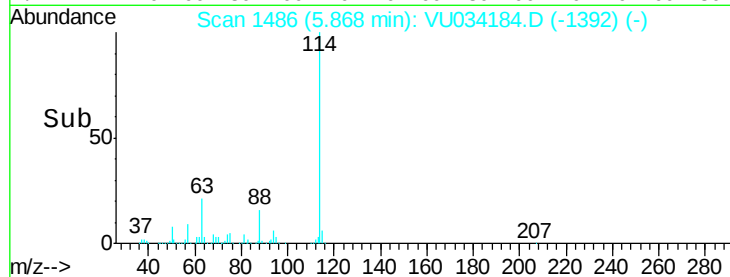
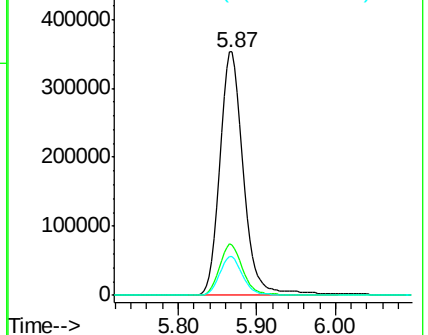
88 15.8 0.0 32.0



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: 47.583 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034184.D

Acq: 01 Sep 2019 21:08

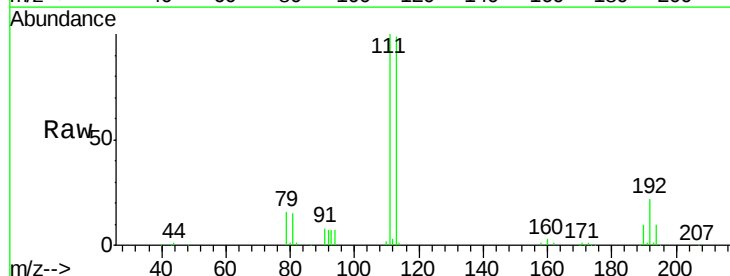
Tgt Ion:113 Resp: 241158

Ion Ratio Lower Upper

113 100

111 100.7 81.7 122.5

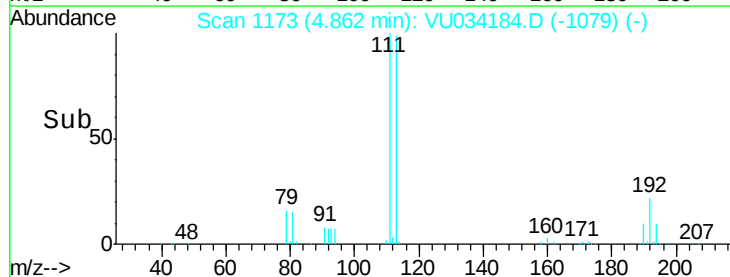
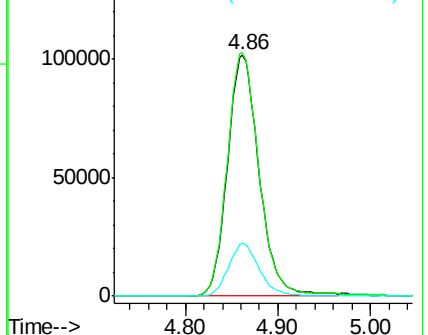
192 21.4 17.1 25.7

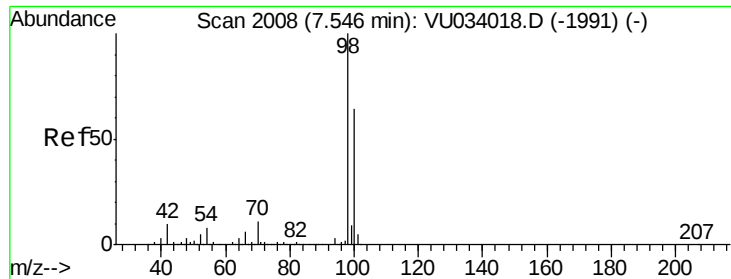


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

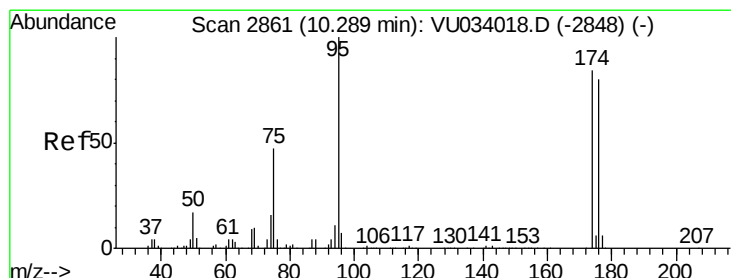
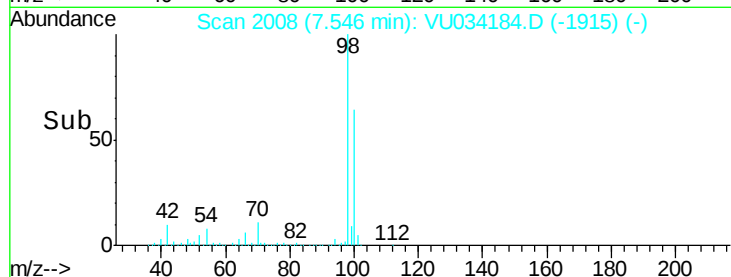
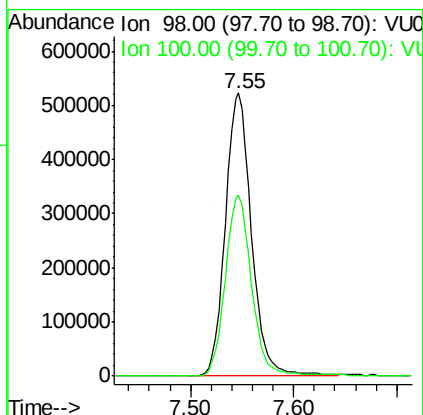
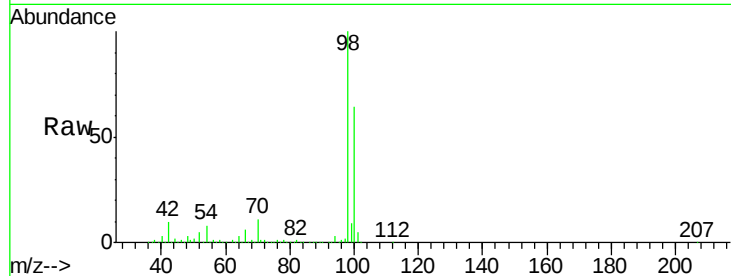




#50
Toluene-d8
Concen: 48.664 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034184.D
Acq: 01 Sep 2019 21:08

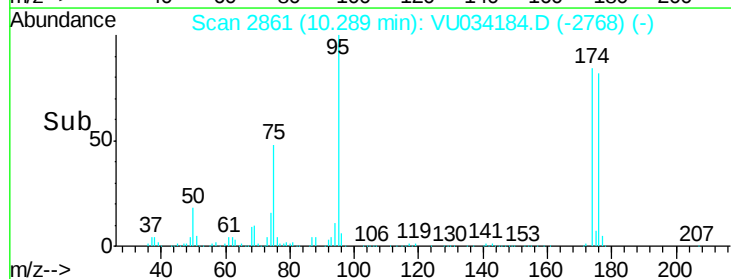
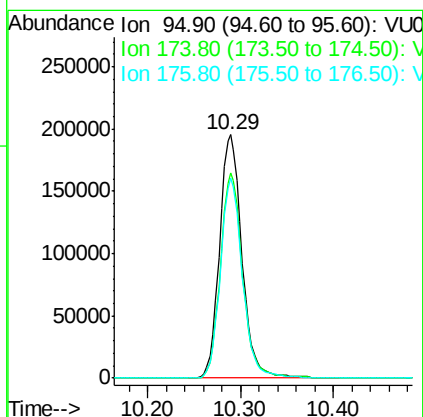
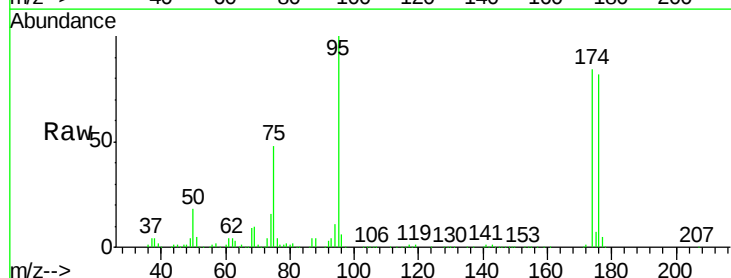
Instrument :
MSVOA_U
ClientSampled :
MW-7

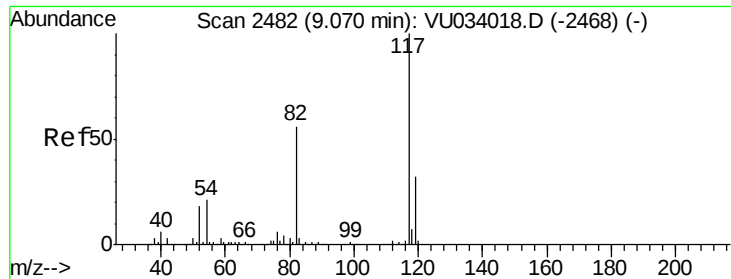
Tot Ion: 98 Resp: 923490
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.275 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034184.D
Acq: 01 Sep 2019 21:08

Tgt Ion: 95 Resp: 326833
Ion Ratio Lower Upper
95 100
174 83.7 0.0 168.8
176 80.9 0.0 161.8

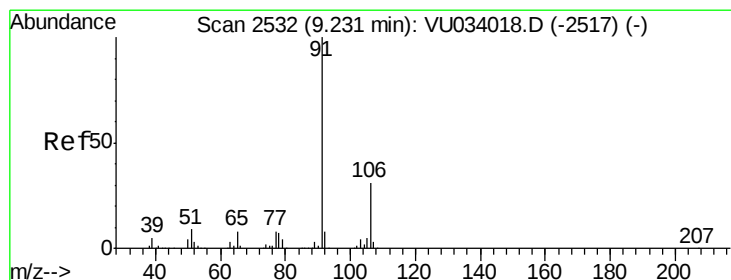
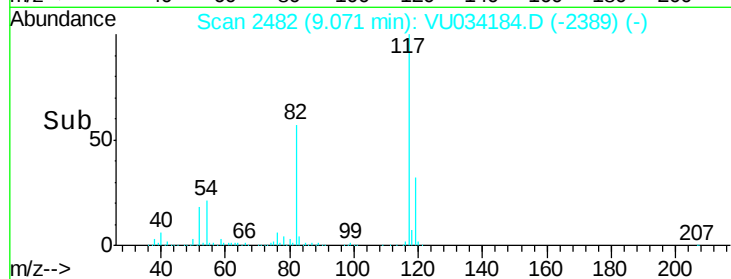
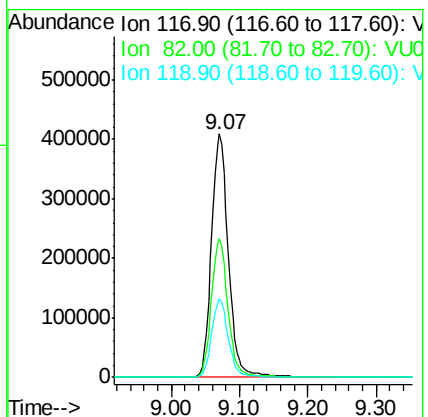
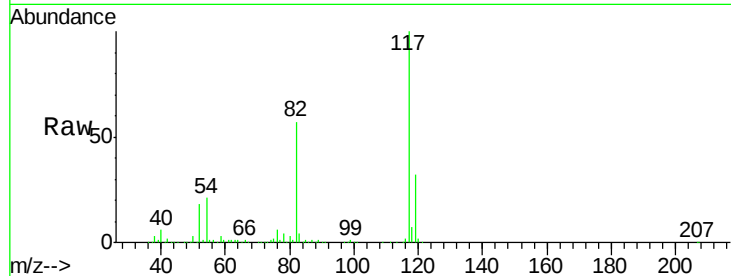




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034184.D
Acq: 01 Sep 2019 21:08

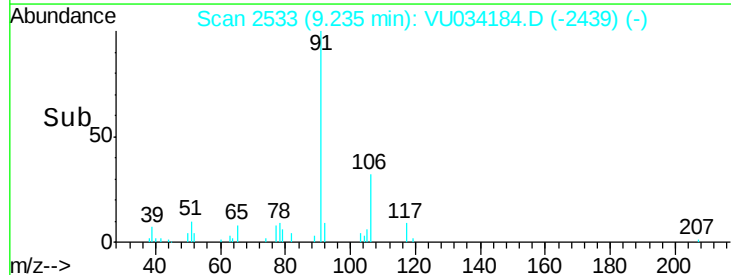
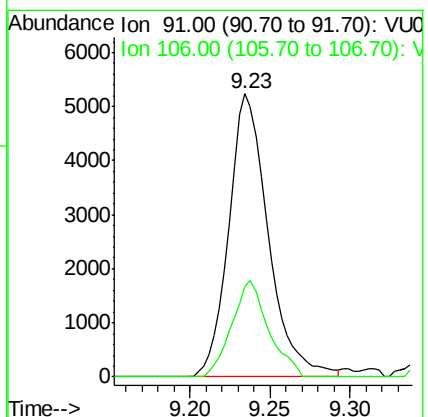
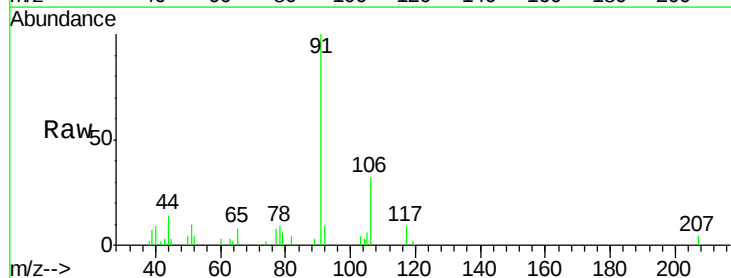
Instrument :
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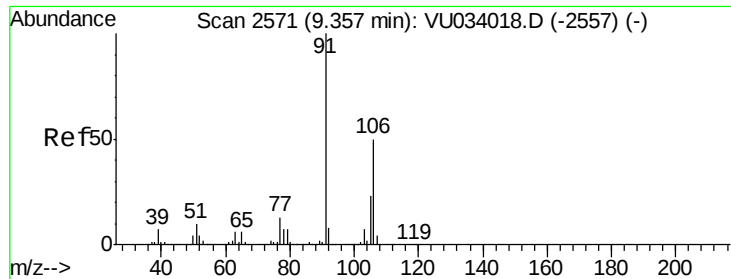
Tot Ion:117 Resp: 706434
Ion Ratio Lower Upper
117 100
82 57.0 45.1 67.7
119 32.1 25.4 38.0



#67
Ethyl Benzene
Concen: 0.358 ug/l
RT: 9.23 min Scan# 2533
Delta R.T. 0.00 min
Lab File: VU034184.D
Acq: 01 Sep 2019 21:08

Tgt Ion: 91 Resp: 8834
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

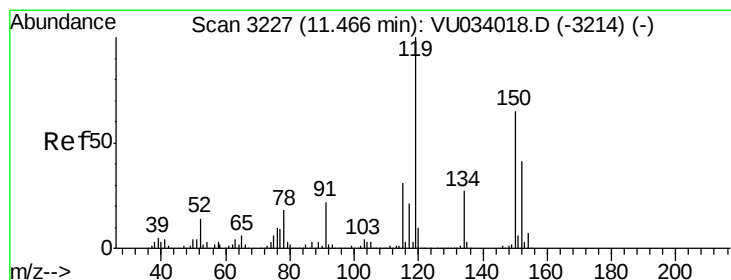
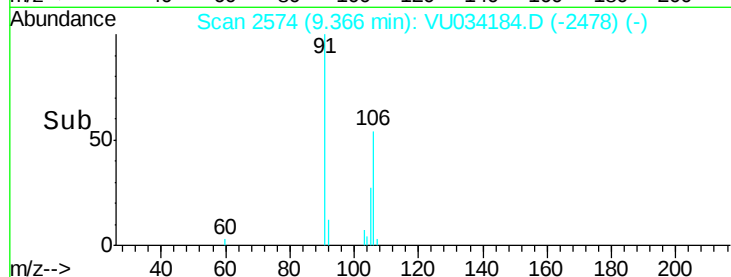
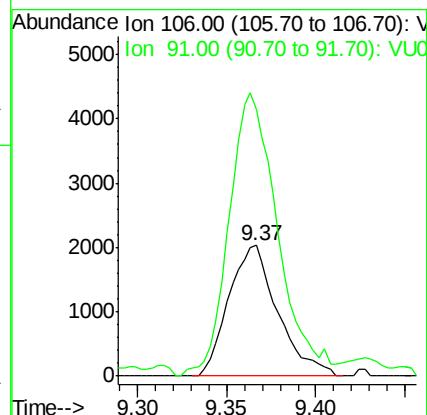
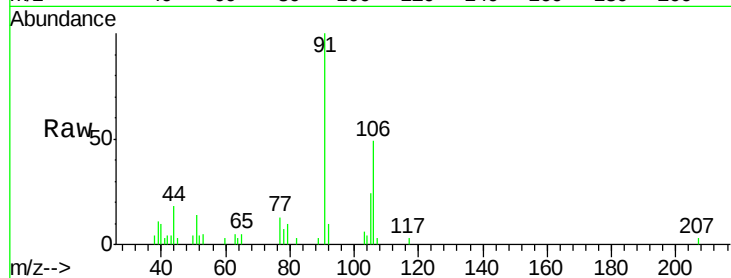




#68
m/p-Xvlenes
Concen: 0.415 ug/l
RT: 9.37 min Scan# 2574
Delta R.T. 0.01 min
Lab File: VU034184.D
Acq: 01 Sep 2019 21:08

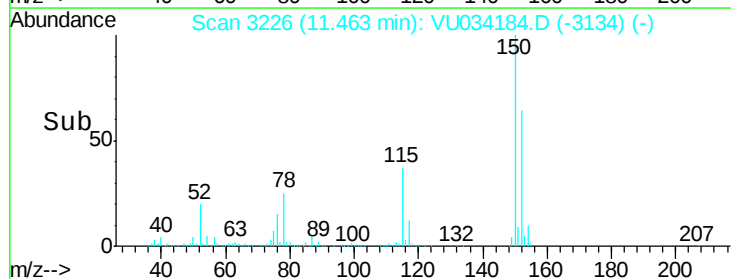
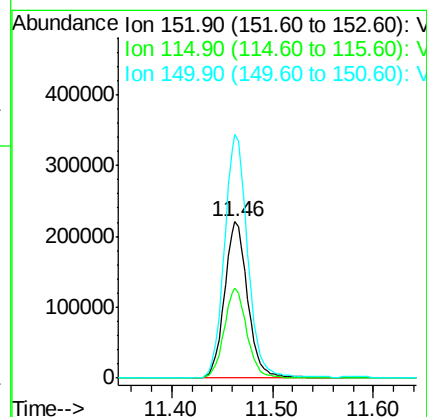
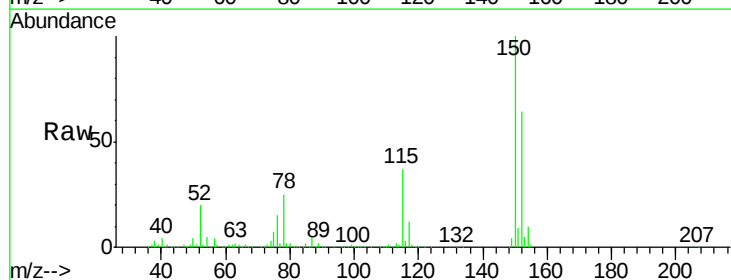
Instrument :
MSVOA_U
ClientSampleId :
MW-7

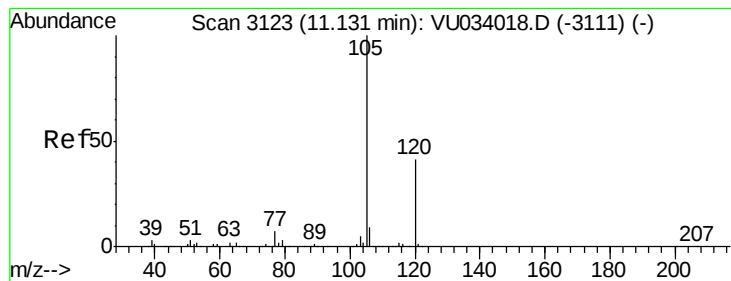
Tot Ion:106 Resp: 3887
Ion Ratio Lower Upper
106 100
91 215.6 161.6 242.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VU034184.D
Acq: 01 Sep 2019 21:08

Tgt Ion:152 Resp: 355495
Ion Ratio Lower Upper
152 100
115 56.4 41.1 123.3
150 156.3 0.0 348.8





#84

1,2,4-Trimethylbenzene

Concen: 0.445 ug/l

RT: 11.13 min Scan# 3123

Delta R.T. 0.00 min

Lab File: VU034184.D

Acq: 01 Sep 2019 21:08

Instrument :

MSVOA_U

ClientSampleId :

MW-7

Tot Ion:105 Resp: 8947

Ion Ratio Lower Upper

105 100

120 46.5 22.6 67.8

