

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
 Data File : VU028701.D
 Acq On : 14 Dec 2018 22:29
 Operator : MD/SY
 Sample : J6395-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2A_R1

Quant Time: Dec 17 10:09:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

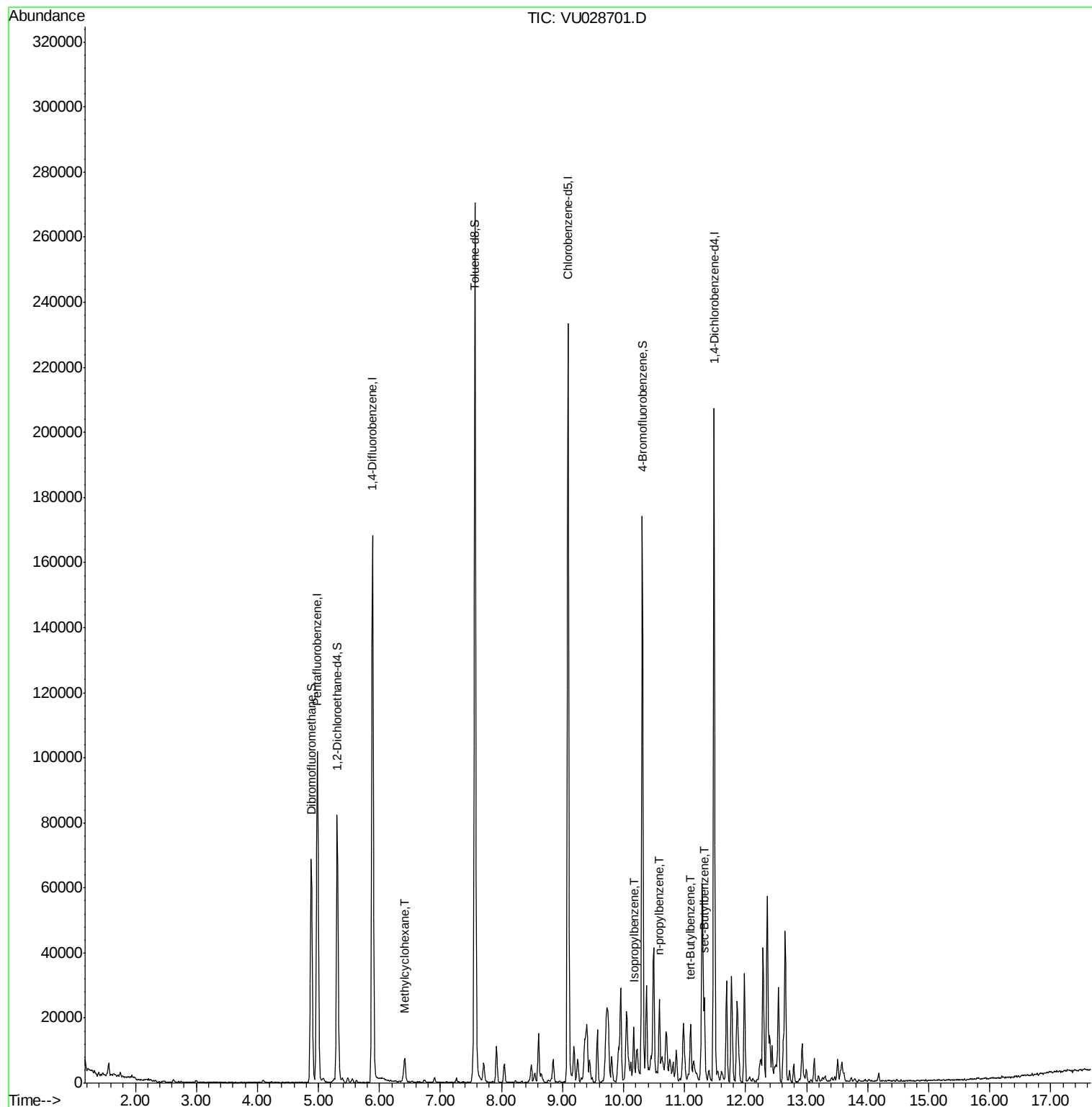
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	75106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	131440	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	120936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	49475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	63326	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
35) Dibromofluoromethane	4.88	113	46601	56.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.68%	
50) Toluene-d8	7.57	98	176806	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
62) 4-Bromofluorobenzene	10.31	95	57146	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
Target Compounds						
39) Methylcyclohexane	6.41	83	3088	1.760	ug/l #	91
73) Isopropylbenzene	10.17	105	10327	2.720	ug/l	100
78) n-propylbenzene	10.59	91	18950	4.017	ug/l	99
83) tert-Butylbenzene	11.10	119	7206	2.379	ug/l	89
85) sec-Butylbenzene	11.32	105	16137	4.147	ug/l #	59

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

Instrument :

MSVOA_U

ClientSampleId :

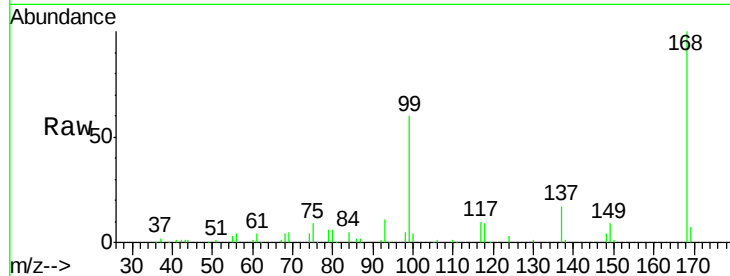
MW-2A_R1

Tgt Ion: 168 Resp: 75106

Ion Ratio Lower Upper

168 100

99 60.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

30000

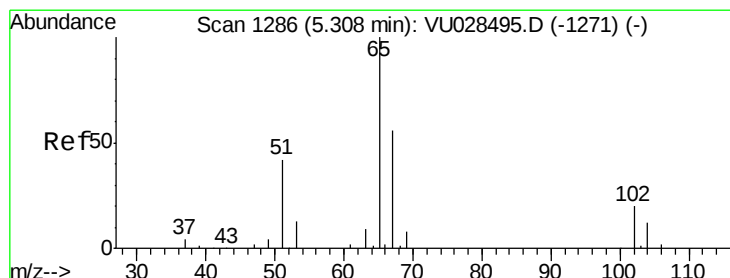
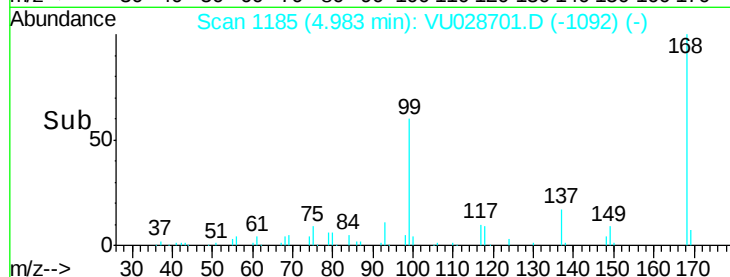
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.250 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028701.D

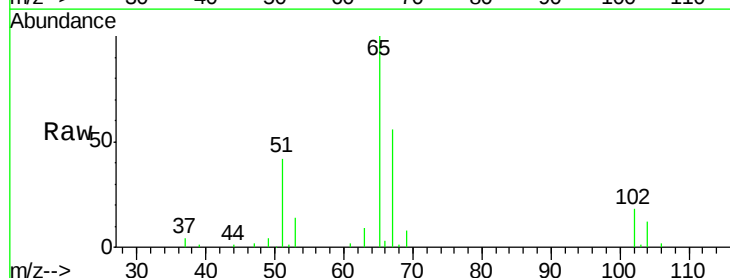
Acq: 14 Dec 2018 22:29

Tgt Ion: 65 Resp: 63326

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

30000

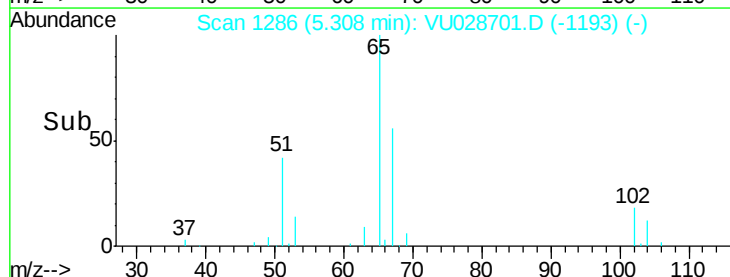
20000

10000

0

5.20 5.25 5.30 5.35 5.40

Time-->

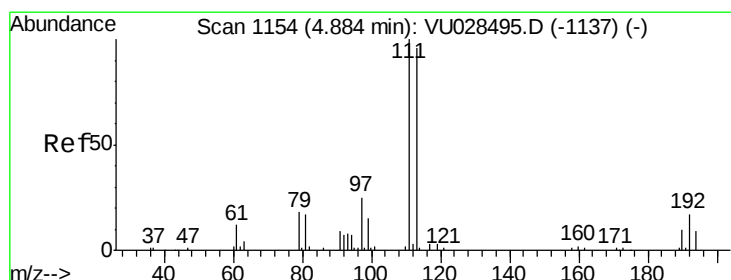
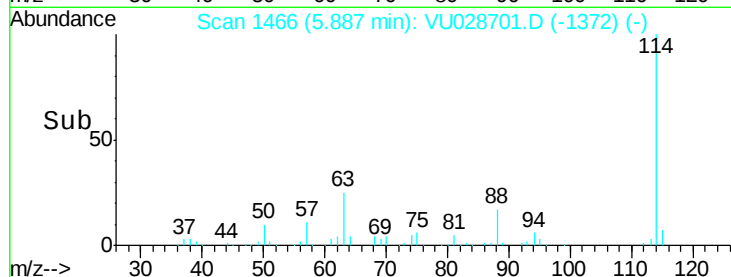
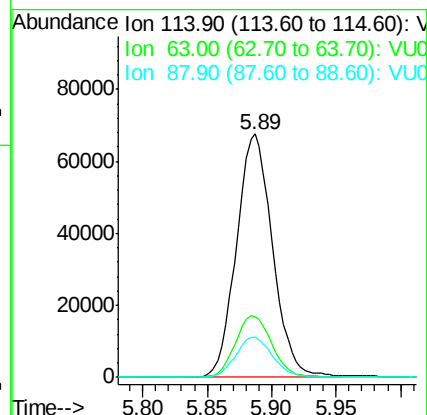
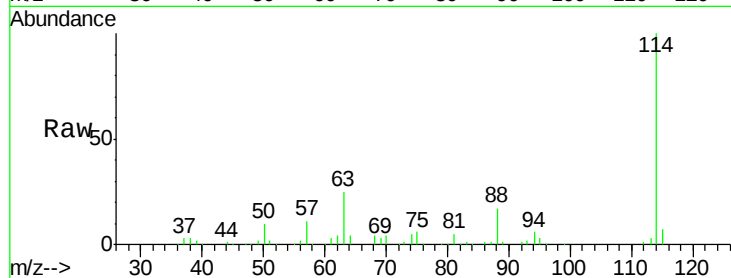




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028701.D
 Acq: 14 Dec 2018 22:29

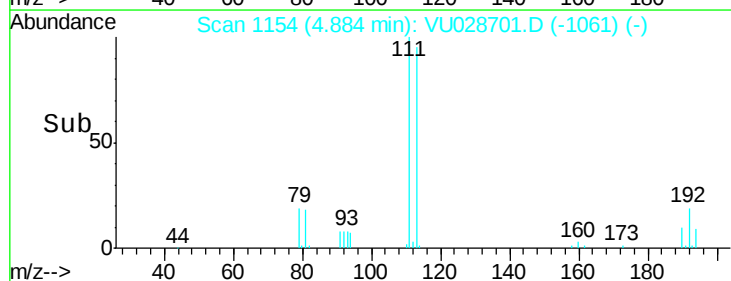
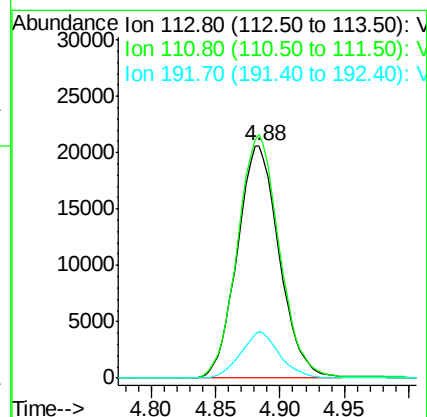
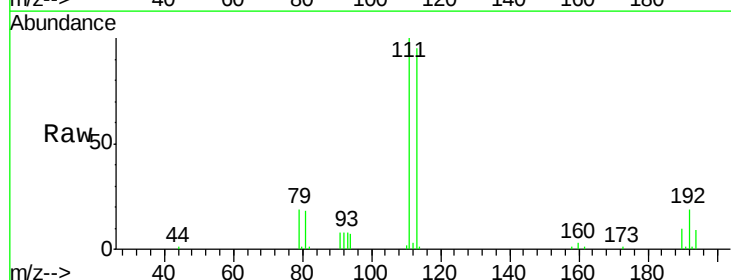
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2A_R1

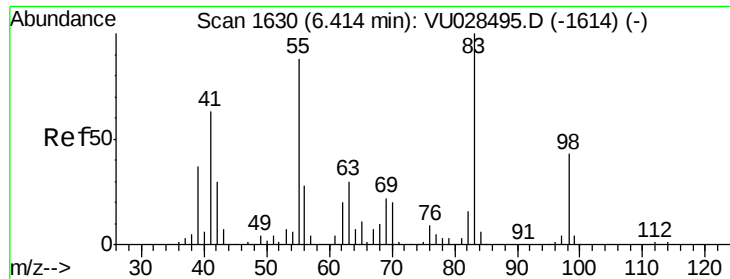
Tgt Ion:114 Resp: 131440
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.2
 88 16.6 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 56.338 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028701.D
 Acq: 14 Dec 2018 22:29

Tgt Ion:113 Resp: 46601
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.4 125.0
 192 18.3 14.8 22.2

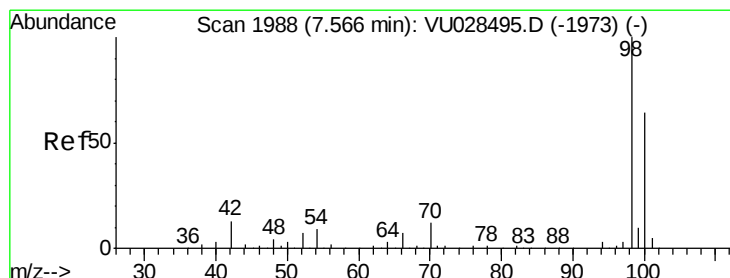
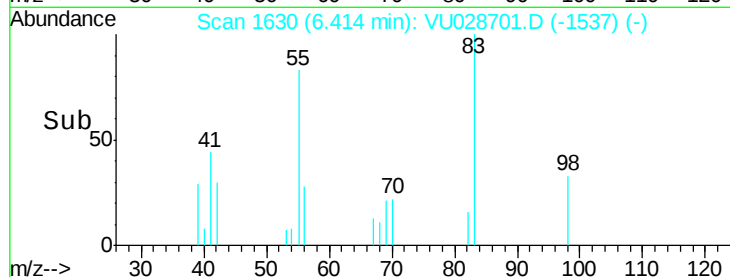
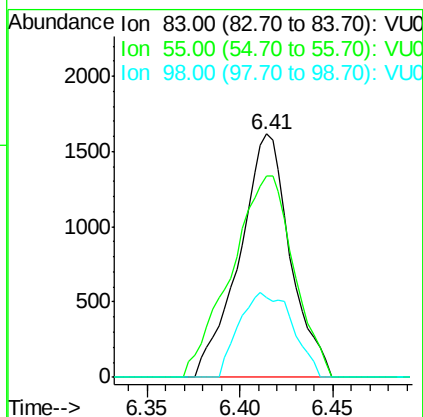
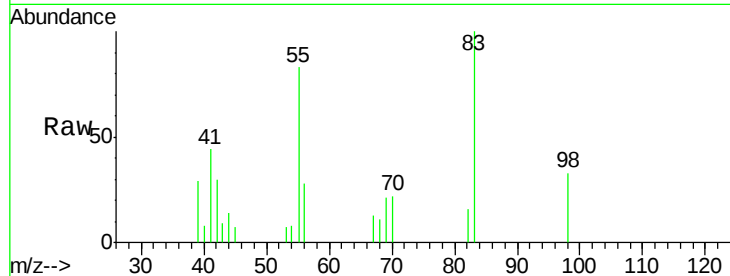




#39
Methylcyclohexane
Concen: 1.760 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU028701.D
Acq: 14 Dec 2018 22:29

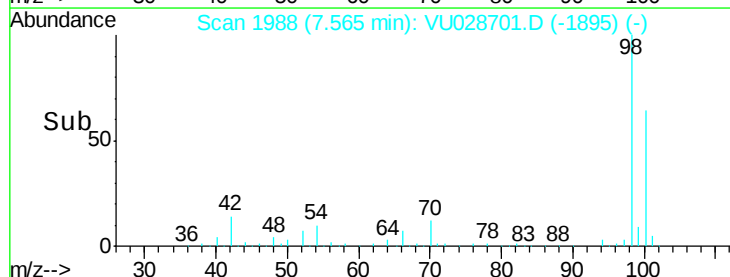
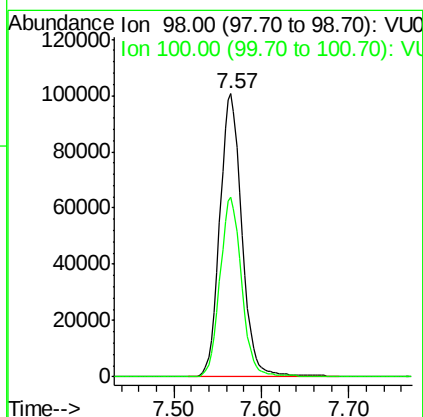
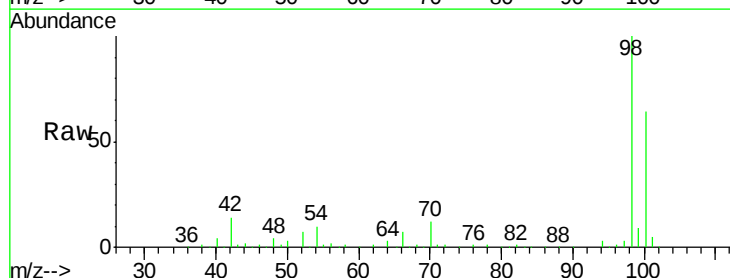
Instrument :
MSVOA_U
ClientSampleId :
MW-2A_R1

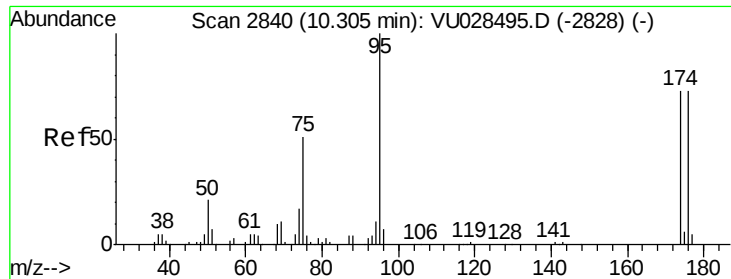
Tgt Ion: 83 Resp: 3088
Ion Ratio Lower Upper
83 100
55 82.8 70.2 105.2
98 32.7 34.2 51.4#



#50
Toluene-d8
Concen: 54.034 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028701.D
Acq: 14 Dec 2018 22:29

Tgt Ion: 98 Resp: 176806
Ion Ratio Lower Upper
98 100
100 62.2 51.0 76.6





#62

4-Bromofluorobenzene

Concen: 46.726 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

Instrument :

MSVOA_U

ClientSampleId :

MW-2A_R1

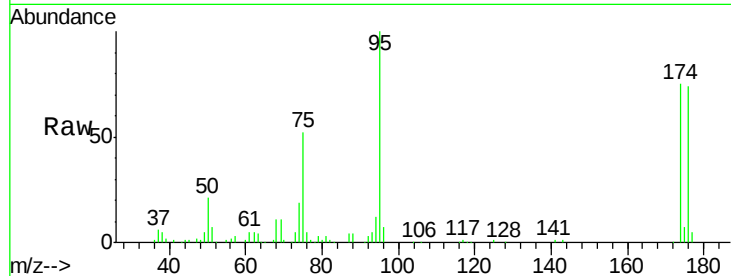
Tgt Ion: 95 Resp: 57146

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.4

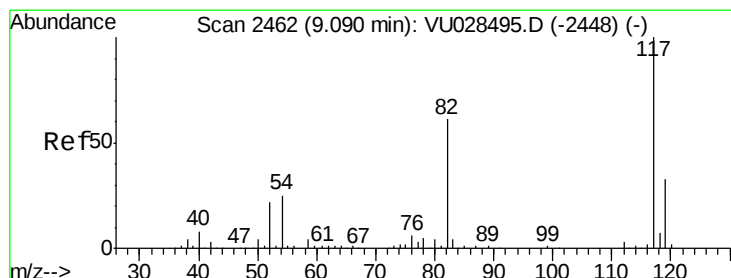
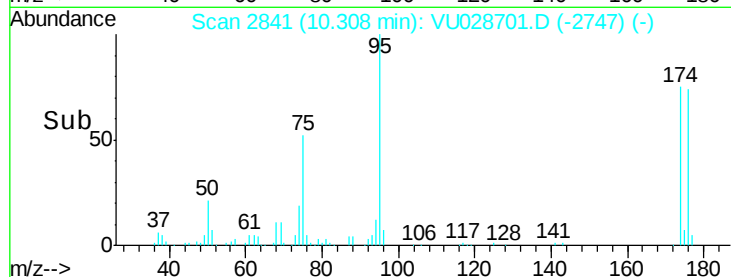
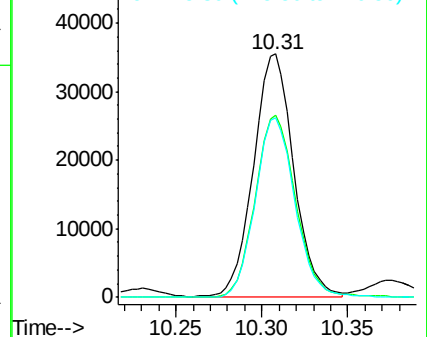
176 73.5 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

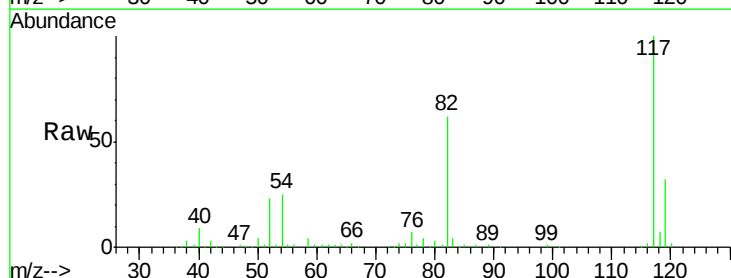
Tgt Ion: 117 Resp: 120936

Ion Ratio Lower Upper

117 100

82 62.0 48.9 73.3

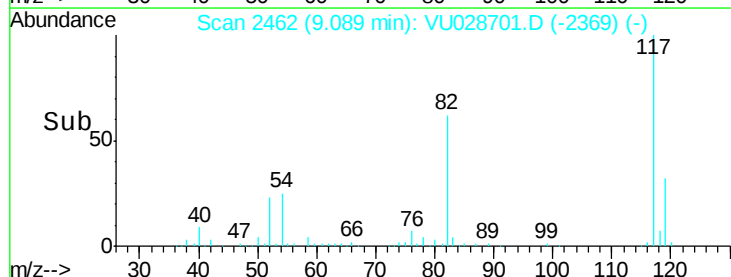
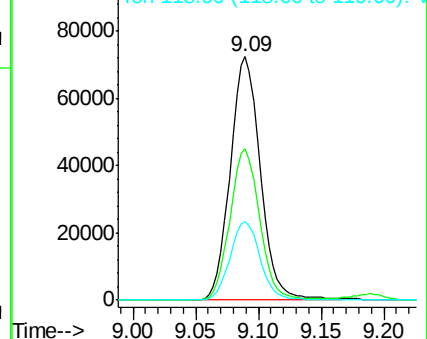
119 32.4 26.2 39.4

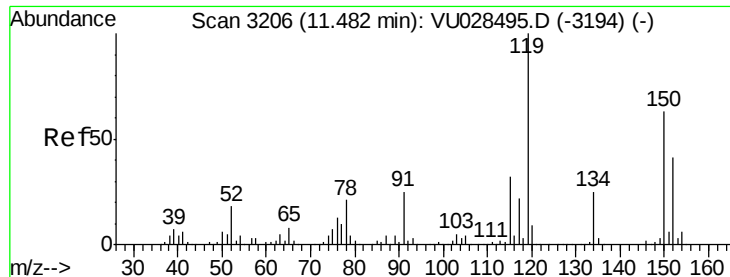


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)



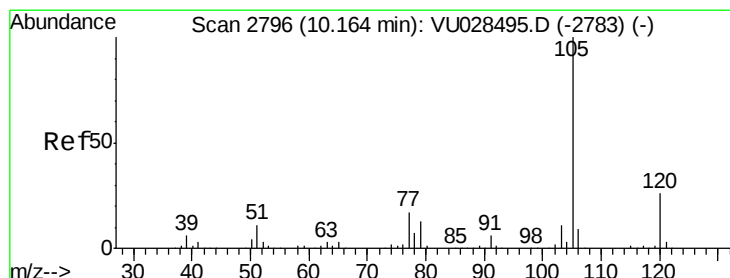
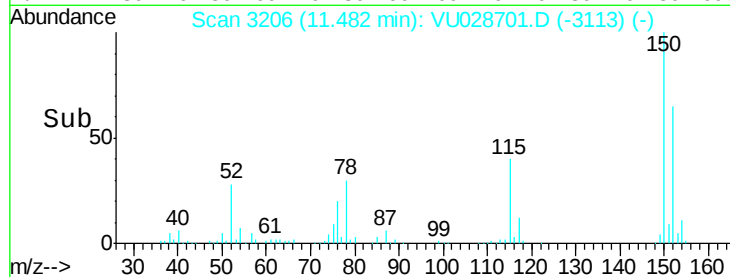
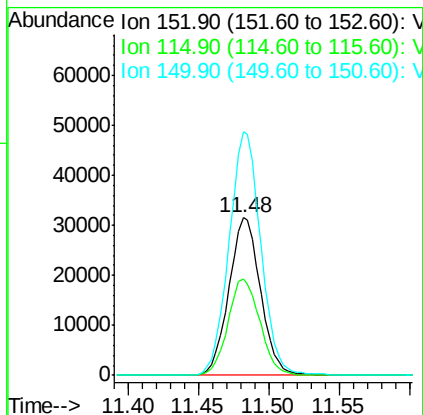
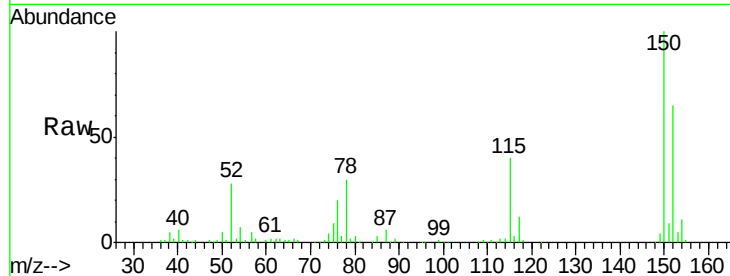


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028701.D
Acq: 14 Dec 2018 22:29

Instrument :
MSVOA_U
ClientSampleId :
MW-2A_R1

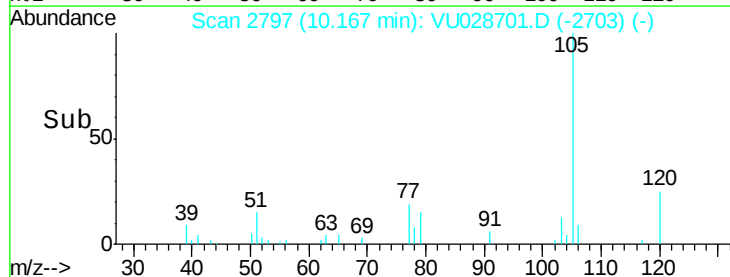
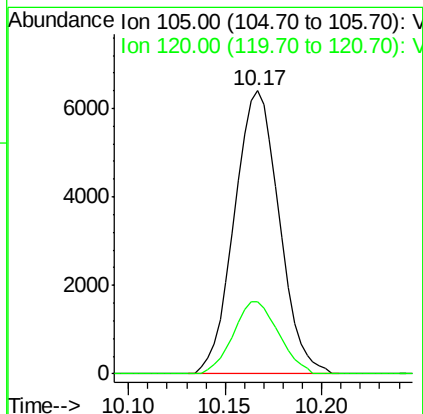
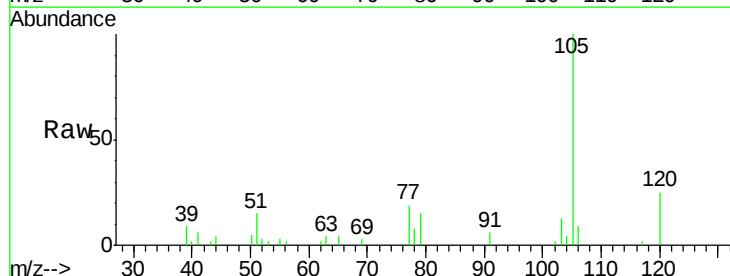
Tgt Ion:152 Resp: 49475
Ion Ratio Lower Upper
152 100
115 61.6 42.7 128.1
150 155.1 0.0 346.0

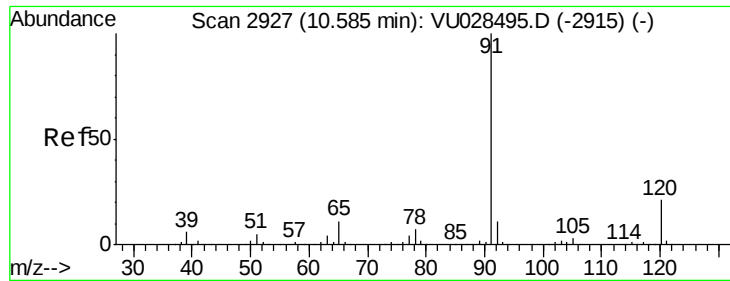


#73

Isopropylbenzene
Concen: 2.720 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028701.D
Acq: 14 Dec 2018 22:29

Tgt Ion:105 Resp: 10327
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6





#78

n-propylbenzene

Concen: 4.017 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

Instrument :

MSVOA_U

ClientSampleId :

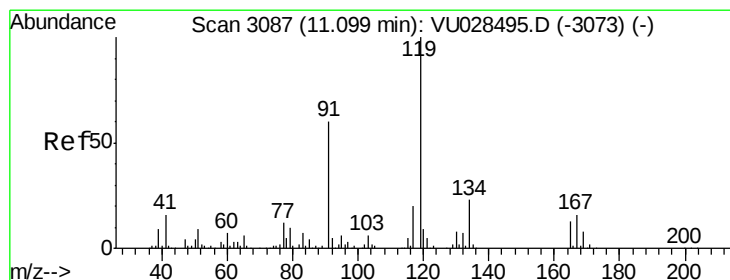
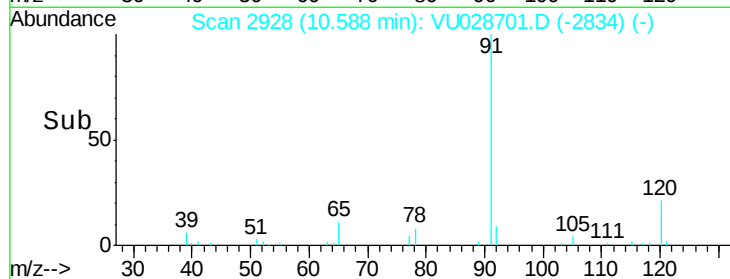
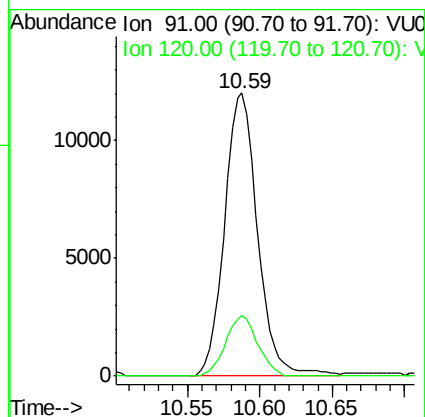
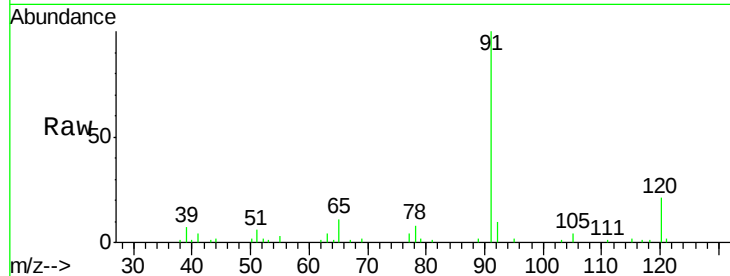
MW-2A_R1

Tgt Ion: 91 Resp: 18950

Ion Ratio Lower Upper

91 100

120 20.6 10.6 31.8



#83

tert-Butylbenzene

Concen: 2.379 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU028701.D

Acq: 14 Dec 2018 22:29

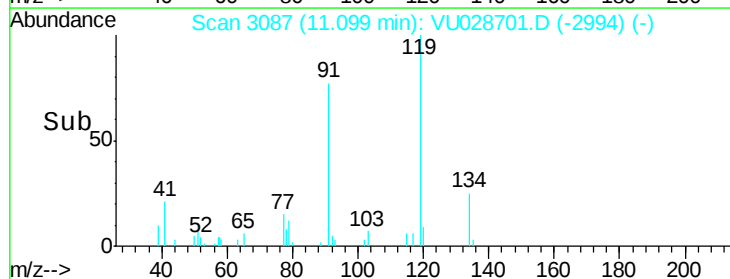
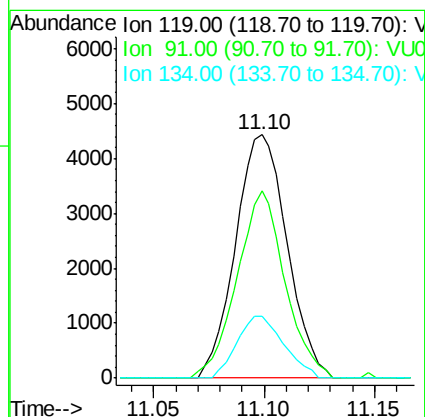
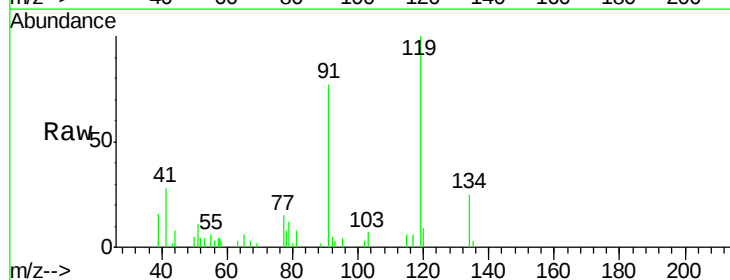
Tgt Ion: 119 Resp: 7206

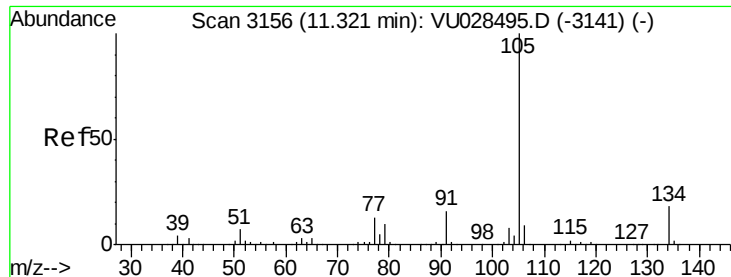
Ion Ratio Lower Upper

119 100

91 71.5 30.3 91.0

134 23.0 11.2 33.5





#85
 sec-Butylbenzene
 Concen: 4.147 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU028701.D
 Acq: 14 Dec 2018 22:29

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2A_R1

Tgt Ion: 105 Resp: 16137
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.2 27.6#

