

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028725.D
 Acq On : 17 Dec 2018 17:07
 Operator : MD/SY
 Sample : J6402-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4

Quant Time: Dec 18 11:56:47 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

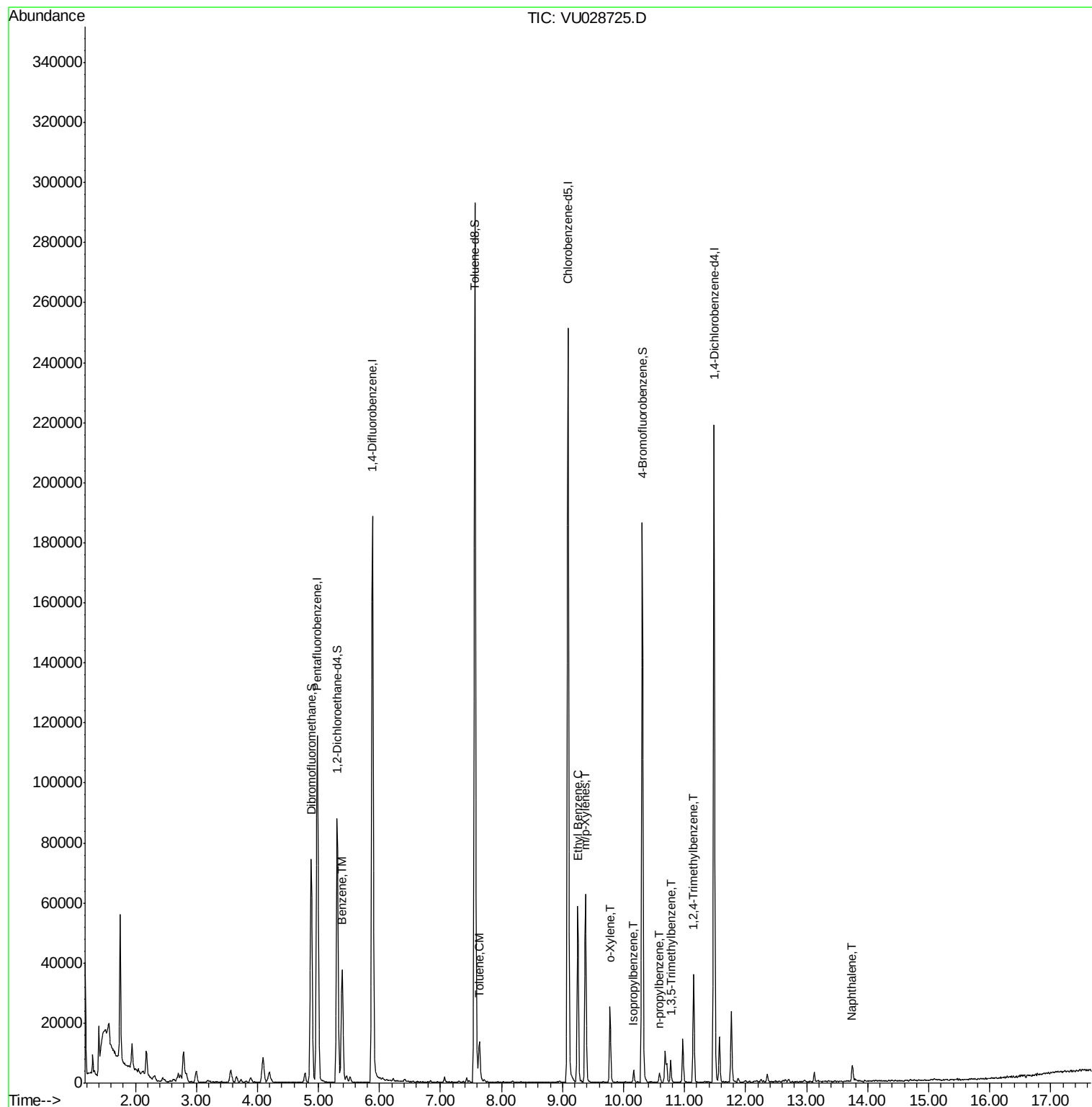
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	84963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	152936	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	134480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	53572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	68170	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	4.88	113	50964	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
50) Toluene-d8	7.57	98	193943	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	10.30	95	62869	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
Target Compounds						
40) Benzene	5.39	78	36741	7.454	ug/l	100
52) Toluene	7.64	92	5439	1.875	ug/l	97
67) Ethyl Benzene	9.25	91	41534	7.884	ug/l	98
68) m/p-Xylenes	9.38	106	17606	9.185	ug/l	99
69) o-Xylene	9.78	106	6526	3.503	ug/l	96
73) Isopropylbenzene	10.16	105	2889	0.703	ug/l	95
78) n-propylbenzene	10.59	91	2924	0.572	ug/l	94
80) 1,3,5-Trimethylbenzene	10.77	105	4325	1.271	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	19467	5.551	ug/l	99
95) Naphthalene	13.75	128	6681	1.533	ug/l #	91

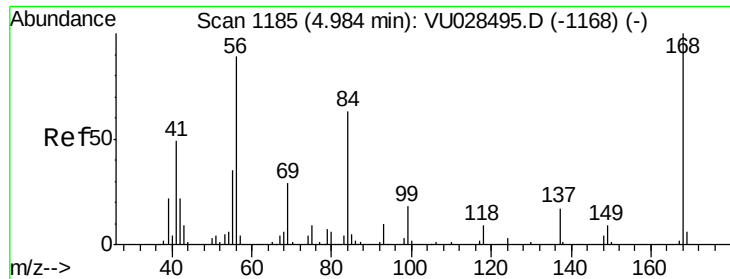
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
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QLast Update : Fri Dec 07 00:39:42 2018
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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: VU028725.D

Acq: 17 Dec 2018 17:07

Instrument :

MSVOA_U

ClientSampleId :

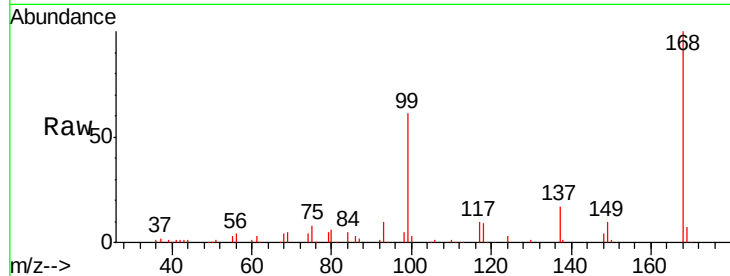
MW-4

Tgt Ion:168 Resp: 84963

Ion Ratio Lower Upper

168 100

99 60.9 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028495.D

4.98

40000

30000

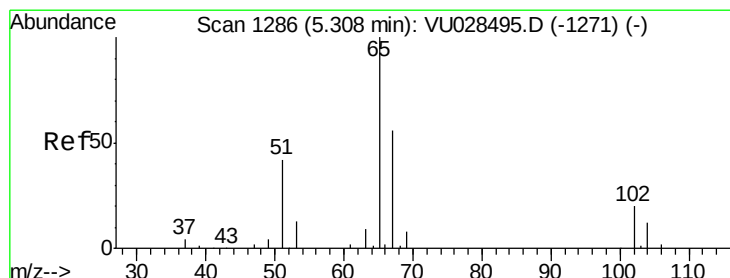
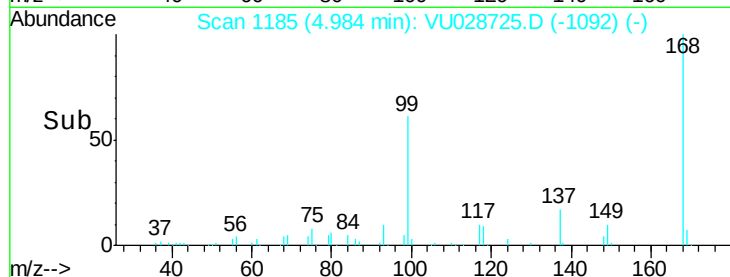
20000

10000

0

Time-->

4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 52.576 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028725.D

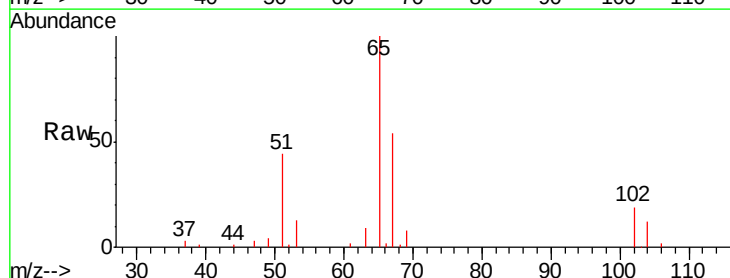
Acq: 17 Dec 2018 17:07

Tgt Ion: 65 Resp: 68170

Ion Ratio Lower Upper

65 100

67 53.4 0.0 110.6



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

Ion 66.90 (66.60 to 67.60): VU028495.D

5.31

30000

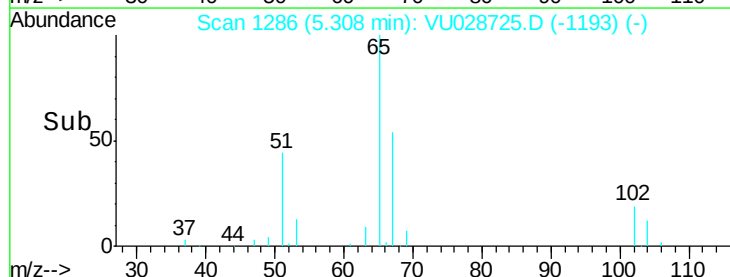
20000

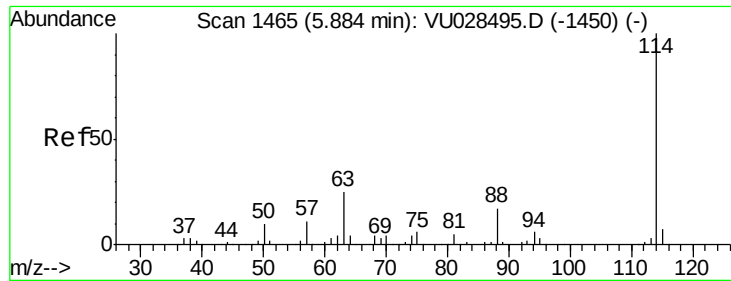
10000

0

Time-->

5.20 5.30 5.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028725.D

Acq: 17 Dec 2018 17:07

Instrument :

MSVOA_U

ClientSampled :

MW-4

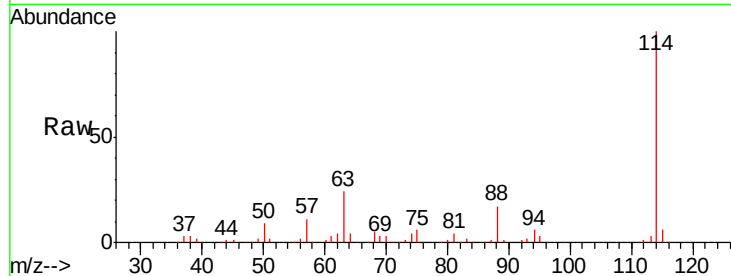
Tgt Ion:114 Resp: 152936

Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

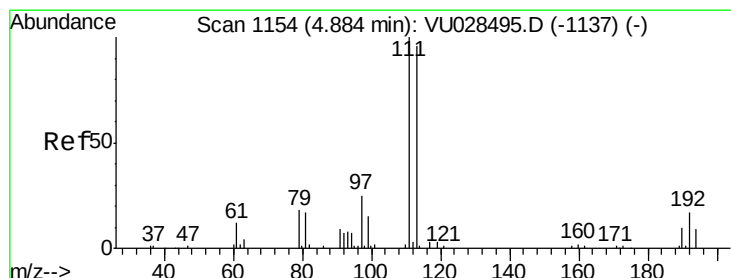
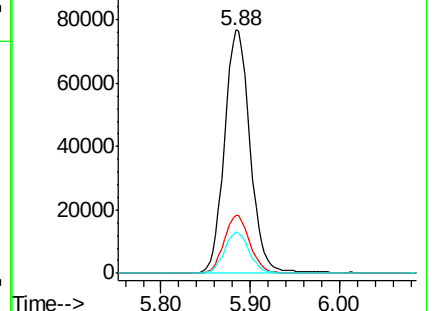
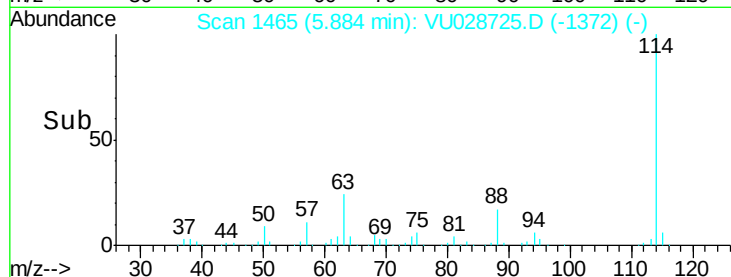
88 16.8 0.0 33.4



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: 52.953 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028725.D

Acq: 17 Dec 2018 17:07

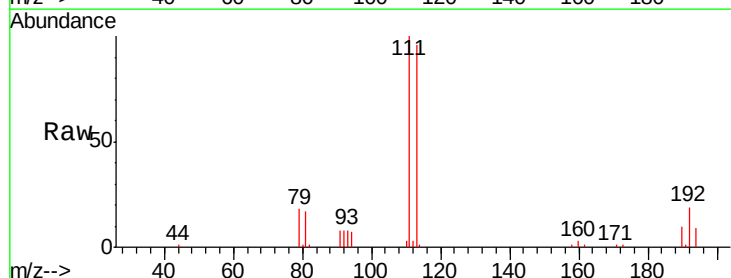
Tgt Ion:113 Resp: 50964

Ion Ratio Lower Upper

113 100

111 104.6 83.4 125.0

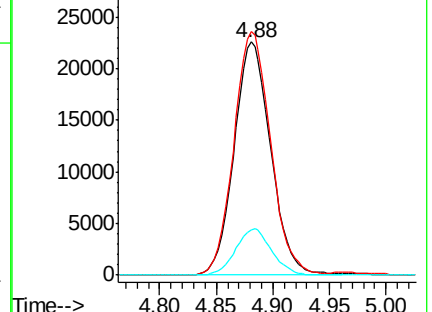
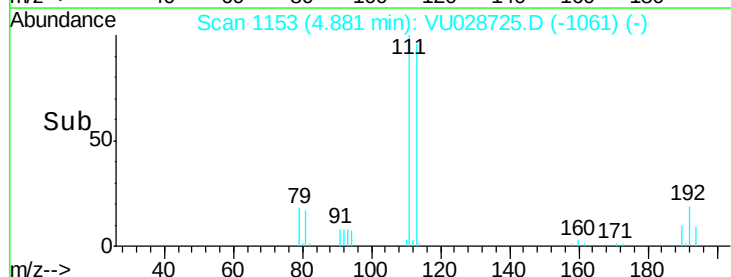
192 19.4 14.8 22.2

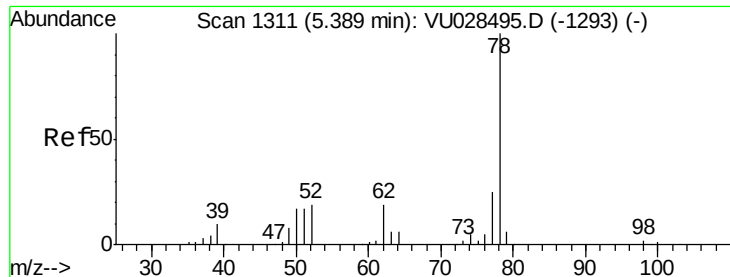


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 7.454 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU028725.D

Acq: 17 Dec 2018 17:07

Instrument :

MSVOA_U

ClientSampleId :

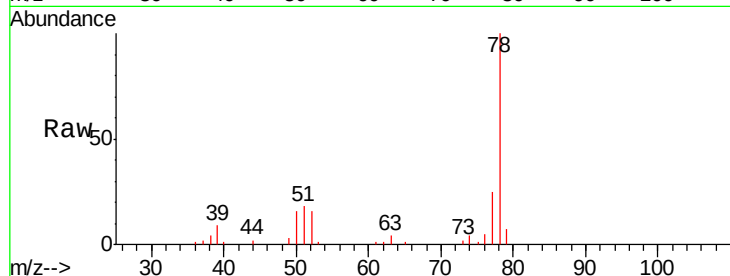
MW-4

Tgt Ion: 78 Resp: 36741

Ion Ratio Lower Upper

78 100

77 24.8 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

5.39

15000

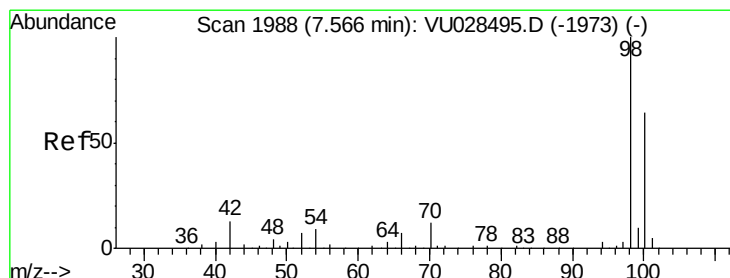
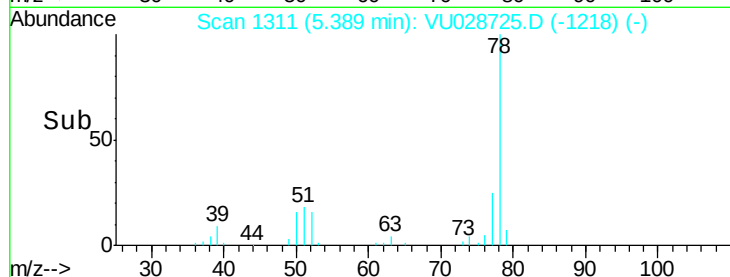
10000

5000

0

Time-->

5.30 5.35 5.40 5.45 5.50



#50

Toluene-d8

Concen: 50.941 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028725.D

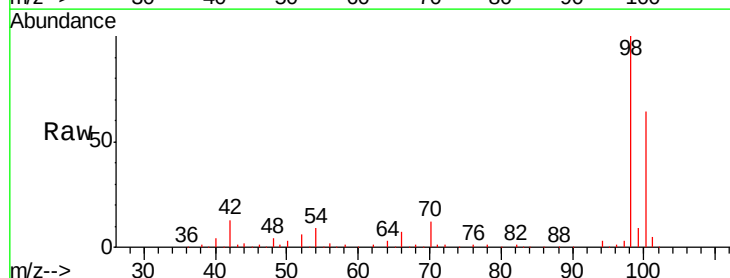
Acq: 17 Dec 2018 17:07

Tgt Ion: 98 Resp: 193943

Ion Ratio Lower Upper

98 100

100 63.2 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

7.57

120000

100000

80000

60000

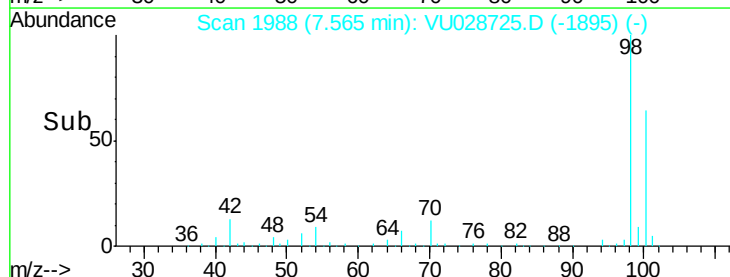
40000

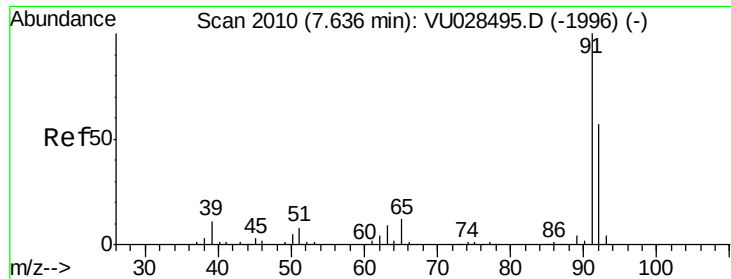
20000

0

Time-->

7.50 7.55 7.60 7.65 7.70





#52

Toluene

Concen: 1.875 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU028725.D

Acq: 17 Dec 2018 17:07

Instrument :

MSVOA_U

ClientSampleId :

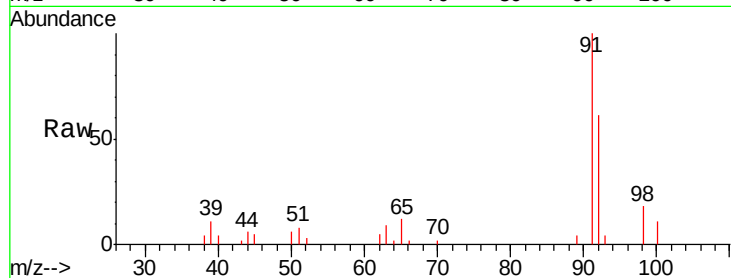
MW-4

Tgt Ion: 92 Resp: 5439

Ion Ratio Lower Upper

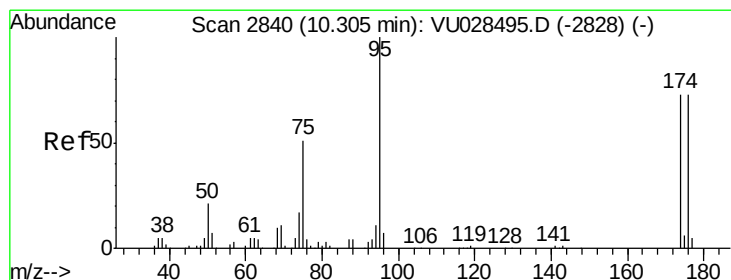
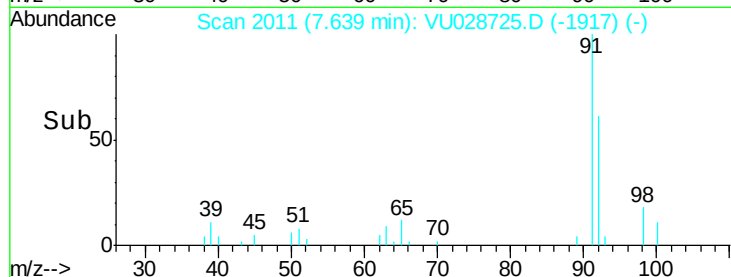
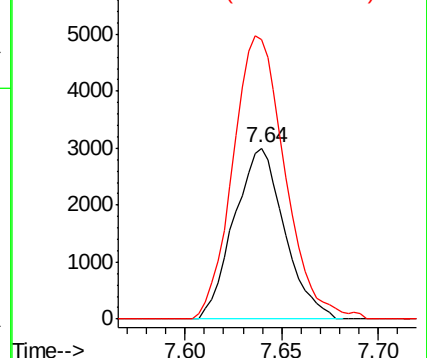
92 100

91 171.1 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 44.180 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028725.D

Acq: 17 Dec 2018 17:07

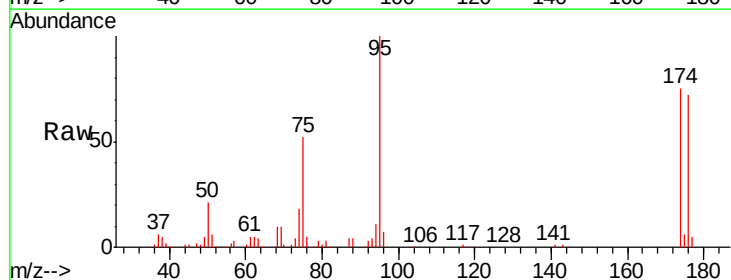
Tgt Ion: 95 Resp: 62869

Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.4

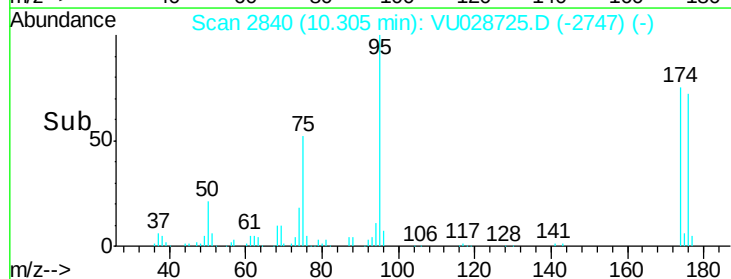
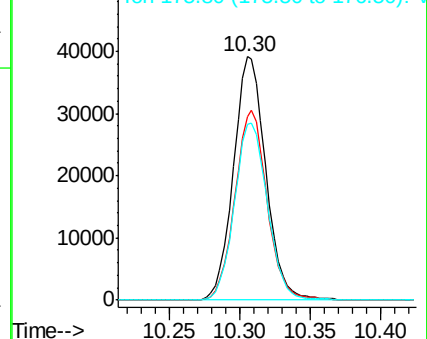
176 74.5 0.0 145.2

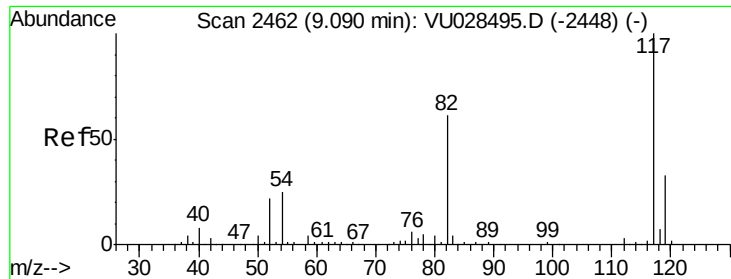


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

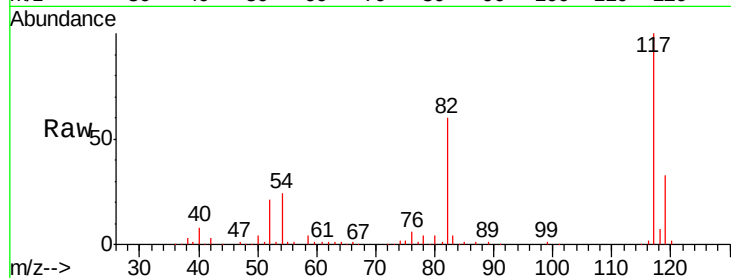




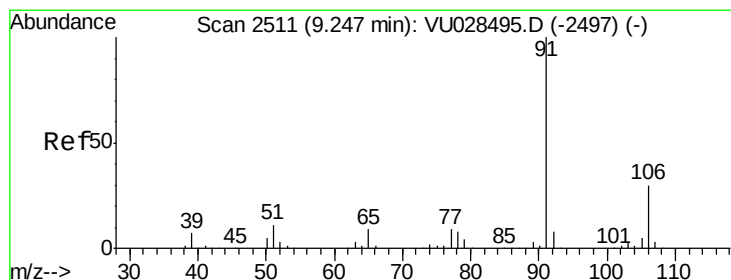
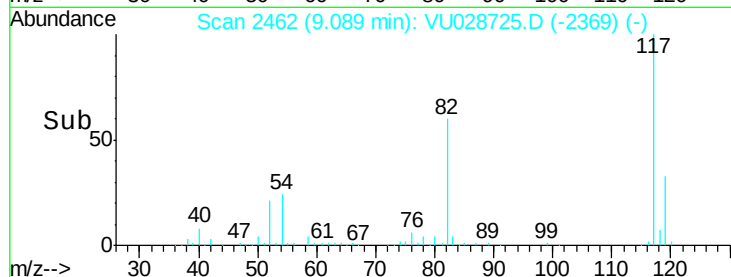
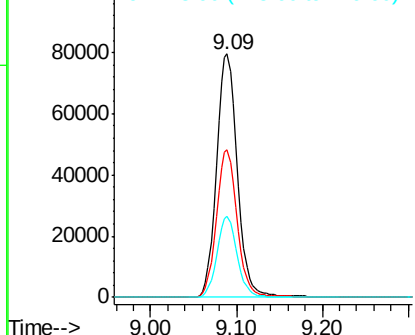
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028725.D
Acq: 17 Dec 2018 17:07

Instrument :
MSVOA_U
ClientSampled :
MW-4

Tgt Ion: 117 Resp: 134480
Ion Ratio Lower Upper
117 100
82 60.4 48.9 73.3
119 33.1 26.2 39.4

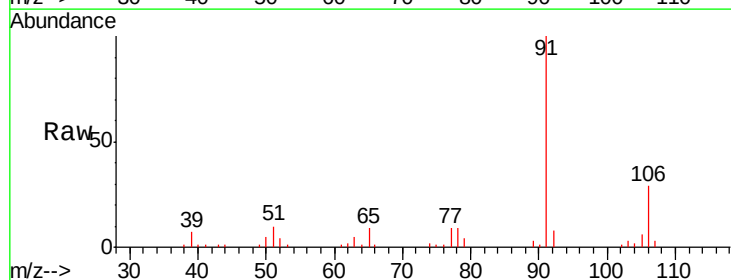


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

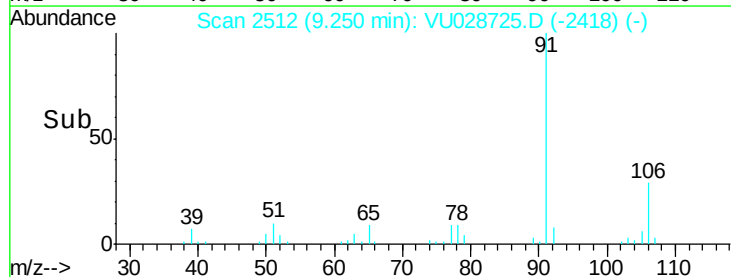
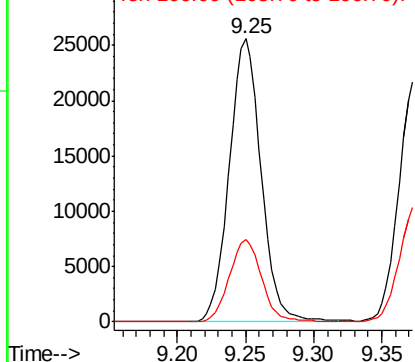


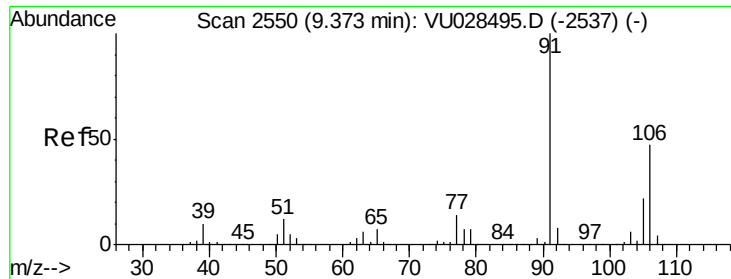
#67
Ethyl Benzene
Concen: 7.884 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028725.D
Acq: 17 Dec 2018 17:07

Tgt Ion: 91 Resp: 41534
Ion Ratio Lower Upper
91 100
106 28.9 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 106.00 (105.70 to 106.70): V

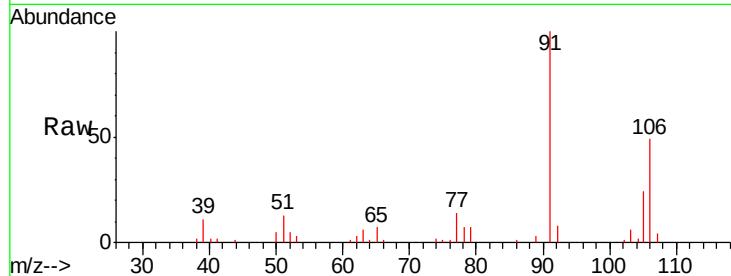




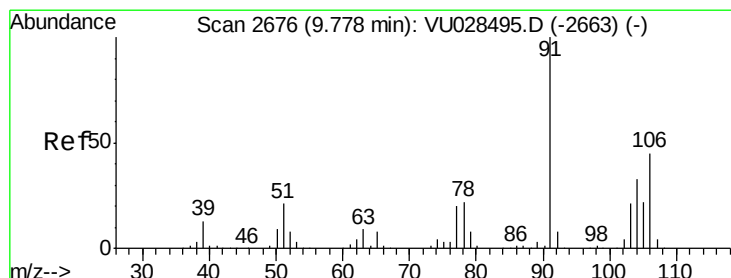
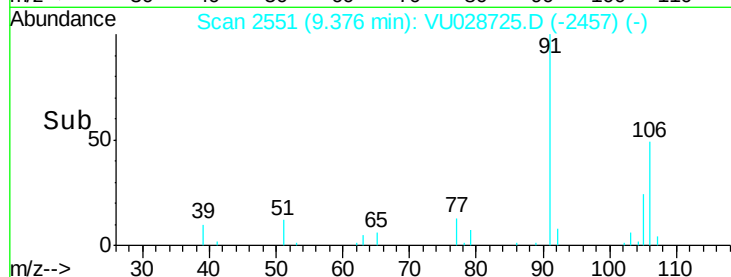
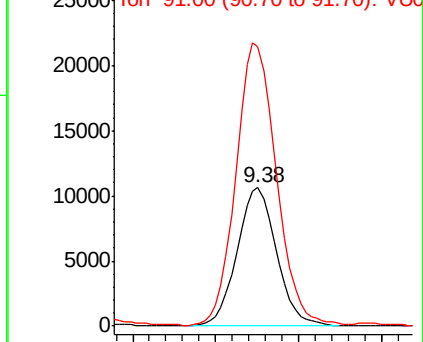
#68
m/p-Xylenes
Concen: 9.185 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028725.D
Acq: 17 Dec 2018 17:07

Instrument :
MSVOA_U
ClientSampleId :
MW-4

Tgt Ion:106 Resp: 17606
Ion Ratio Lower Upper
106 100
91 210.5 167.4 251.0

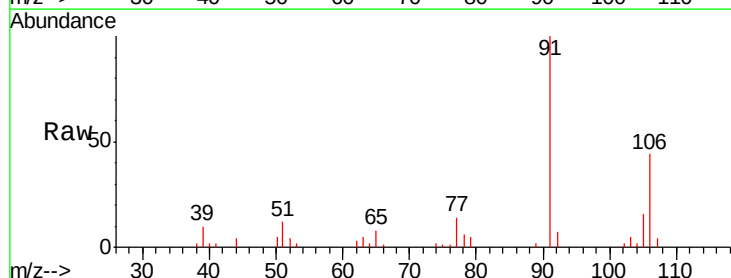


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

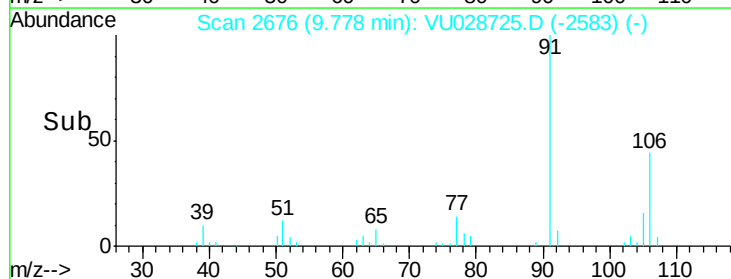
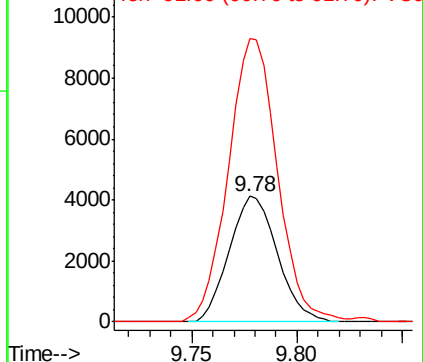


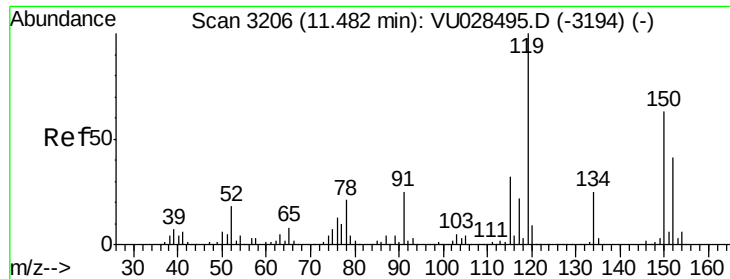
#69
o-Xylene
Concen: 3.503 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028725.D
Acq: 17 Dec 2018 17:07

Tgt Ion:106 Resp: 6526
Ion Ratio Lower Upper
106 100
91 229.7 111.3 334.0



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



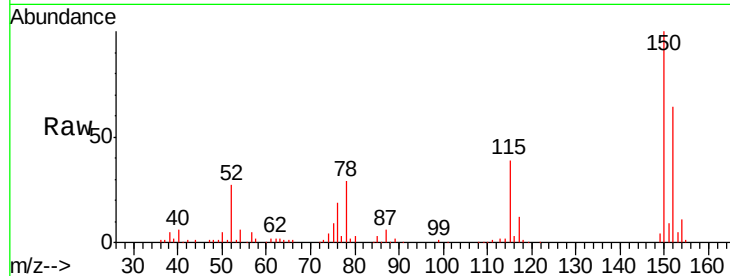


#72

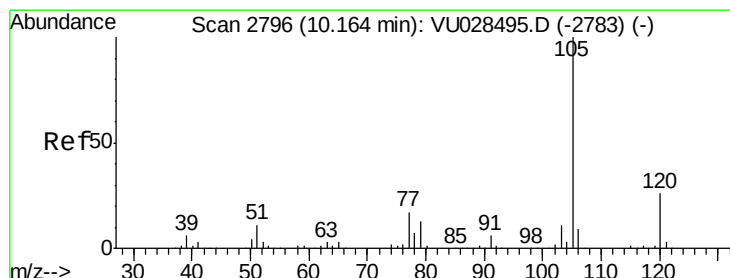
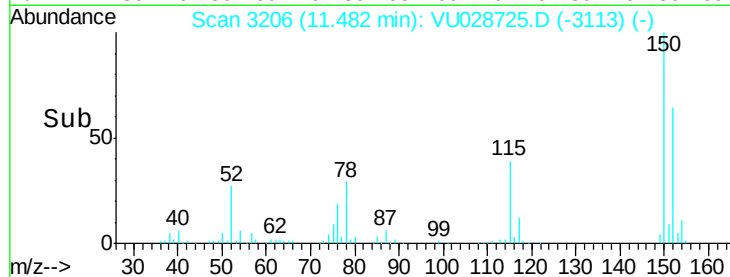
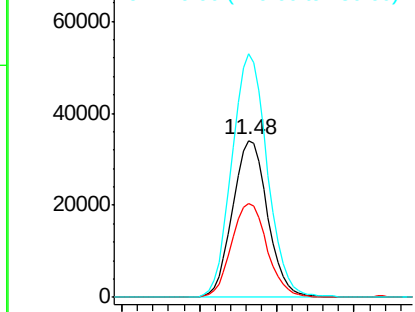
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028725.D
Acq: 17 Dec 2018 17:07

Instrument :
MSVOA_U
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 53572
Ion Ratio Lower Upper
152 100
115 61.2 42.7 128.1
150 157.6 0.0 346.0



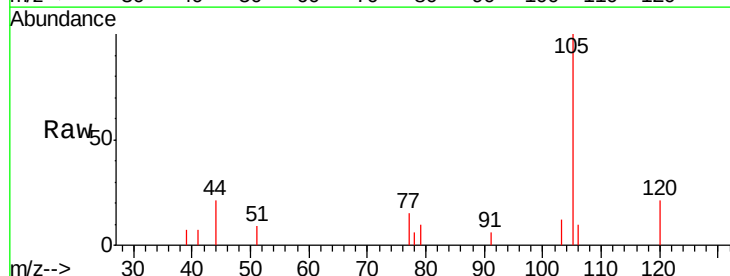
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



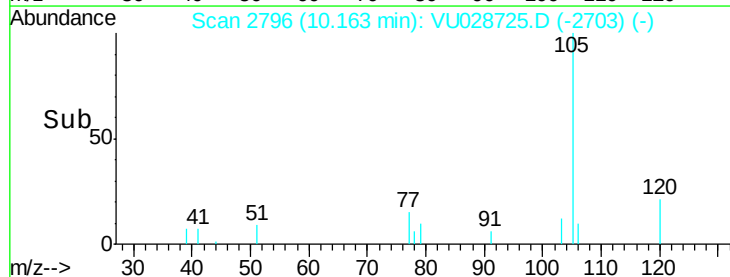
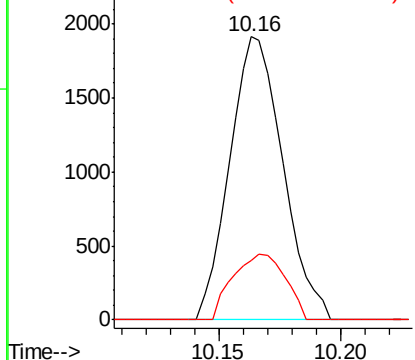
#73

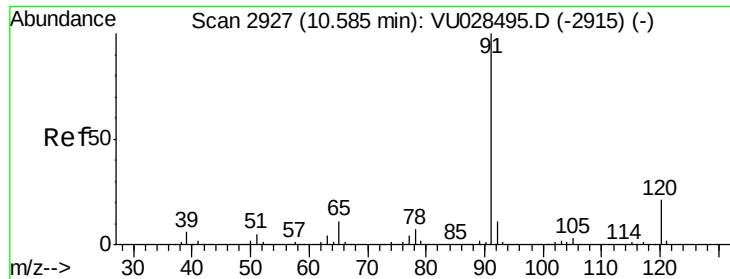
Isopropylbenzene
Concen: 0.703 ug/l
RT: 10.16 min Scan# 2796
Delta R.T. -0.00 min
Lab File: VU028725.D
Acq: 17 Dec 2018 17:07

Tgt Ion:105 Resp: 2889
Ion Ratio Lower Upper
105 100
120 23.0 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

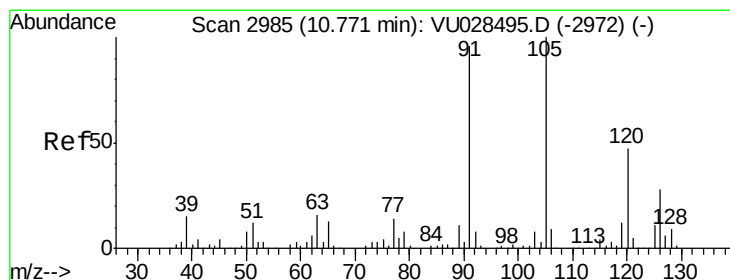
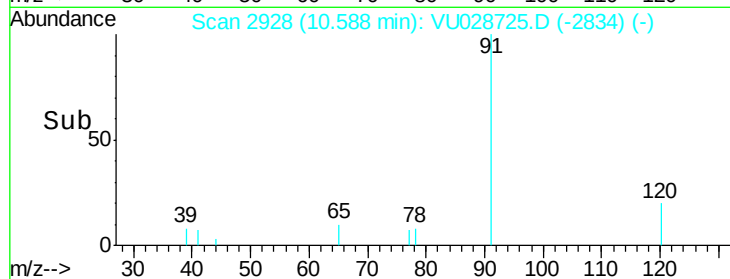
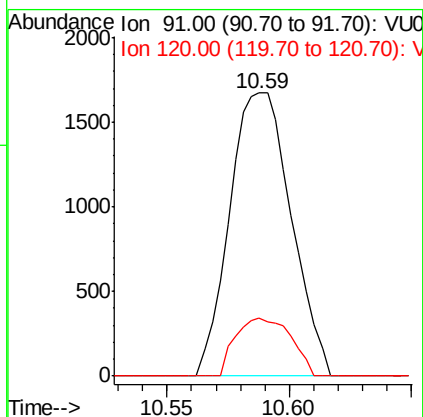
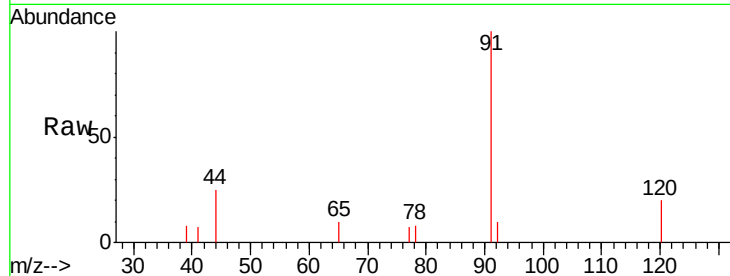




#78
n-propylbenzene
Concen: 0.572 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. 0.00 min
Lab File: VU028725.D
Acq: 17 Dec 2018 17:07

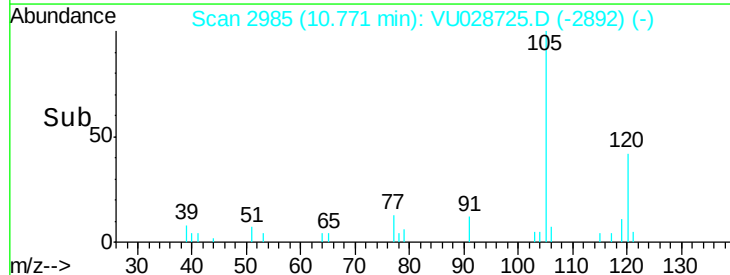
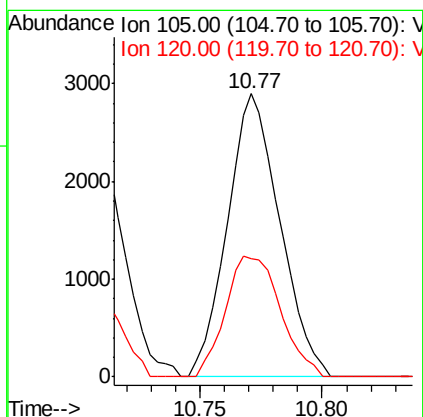
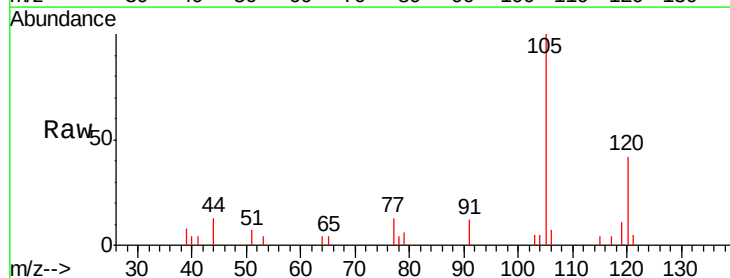
Instrument :
MSVOA_U
ClientSampleId :
MW-4

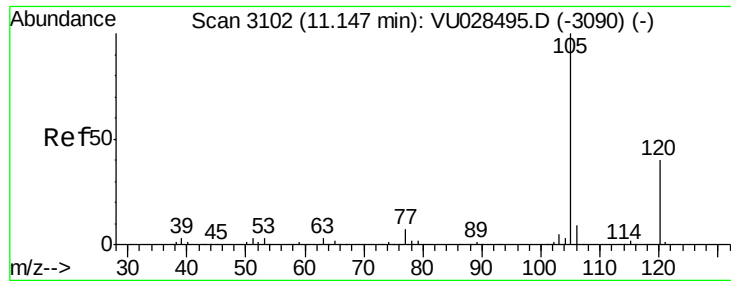
Tgt Ion: 91 Resp: 2924
Ion Ratio Lower Upper
91 100
120 18.5 10.6 31.8



#80
1,3,5-Trimethylbenzene
Concen: 1.271 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU028725.D
Acq: 17 Dec 2018 17:07

Tgt Ion: 105 Resp: 4325
Ion Ratio Lower Upper
105 100
120 44.5 23.7 71.1





#84

1,2,4-Trimethylbenzene

Concen: 5.551 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU028725.D

Acq: 17 Dec 2018 17:07

Instrument :

MSVOA_U

ClientSampleId :

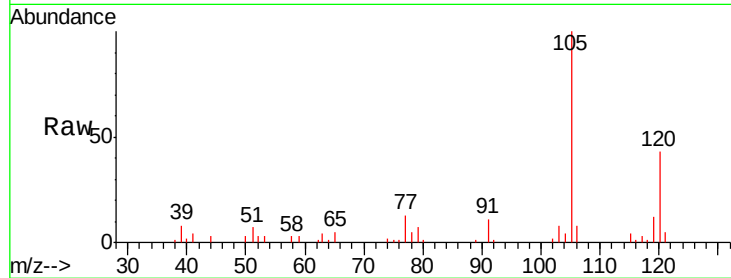
MW-4

Tgt Ion:105 Resp: 19467

Ion Ratio Lower Upper

105 100

120 42.9 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.15

15000

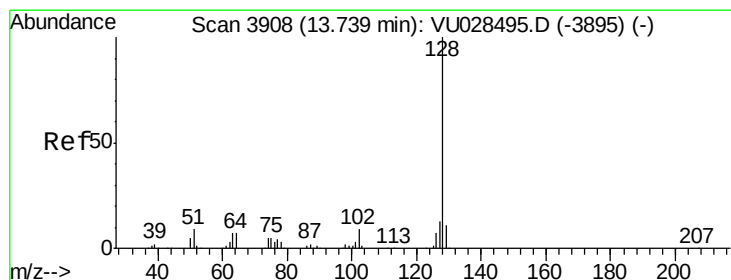
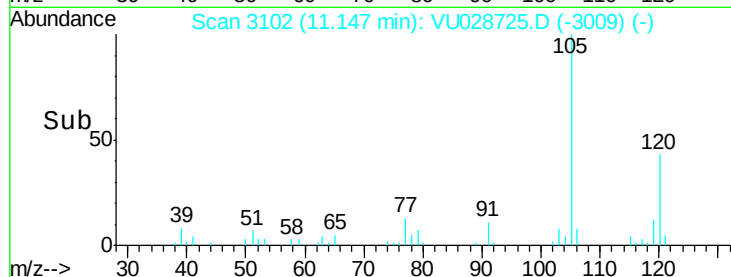
10000

5000

0

Time-->

11.10 11.15 11.20



#95

Naphthalene

Concen: 1.533 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.01 min

Lab File: VU028725.D

Acq: 17 Dec 2018 17:07

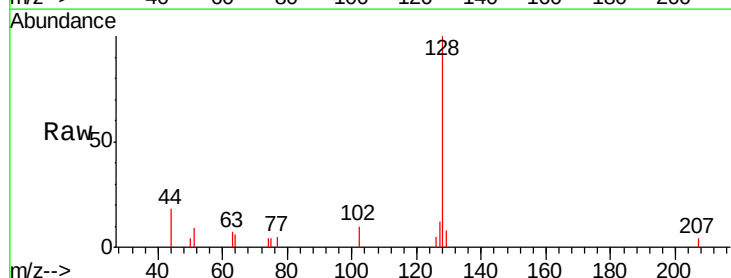
Tgt Ion:128 Resp: 6681

Ion Ratio Lower Upper

128 100

127 10.3 10.4 15.6#

129 6.4 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

4000

3000

2000

1000

0

Time-->

13.70 13.75 13.80 13.85

