

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
 Data File : VU027485.D
 Acq On : 06 Oct 2018 03:41
 Operator : MD/SY
 Sample : J5268-04 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-11

Quant Time: Oct 06 04:27:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

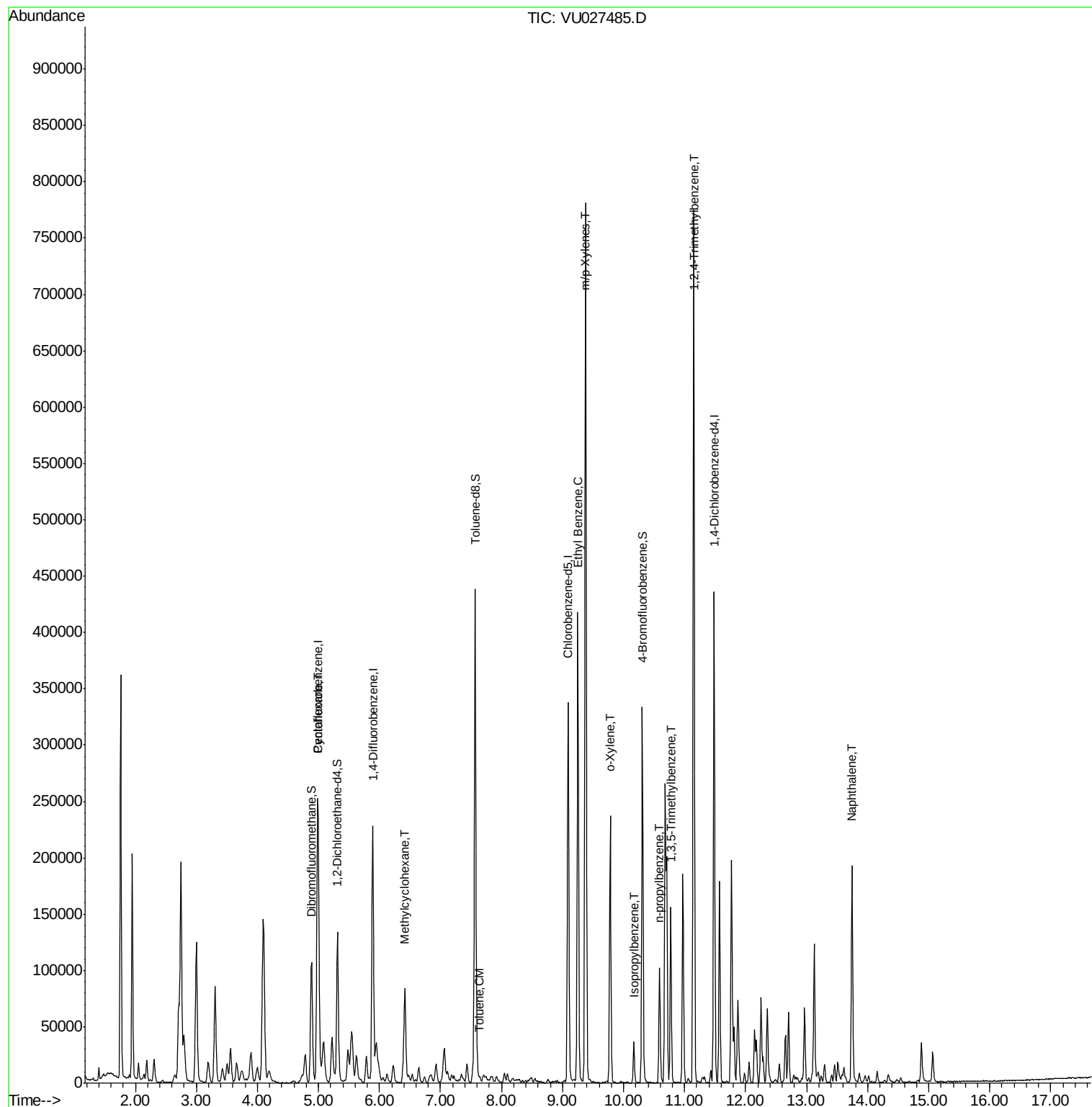
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	112082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	190606	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	180210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	105218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	103912	55.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.04%	
35) Dibromofluoromethane	4.88	113	73179	56.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.04%	
50) Toluene-d8	7.57	98	291952	59.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.44%	
62) 4-Bromofluorobenzene	10.31	95	110309	60.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.42%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.00	56	63691	21.081	ug/l	95
39) Methylcyclohexane	6.42	83	33527	13.859	ug/l	96
52) Toluene	7.64	92	943m	0.264	ug/l	
67) Ethyl Benzene	9.25	91	289062	43.011	ug/l	99
68) m/p-Xylenes	9.38	106	208974	85.007	ug/l	100
69) o-Xylene	9.78	106	60324	25.822	ug/l	99
73) Isopropylbenzene	10.17	105	22825	2.987	ug/l	100
78) n-propylbenzene	10.59	91	76560	8.337	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	82410	13.246	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	412259	64.868	ug/l	99
95) Naphthalene	13.74	128	146644	19.483	ug/l	100

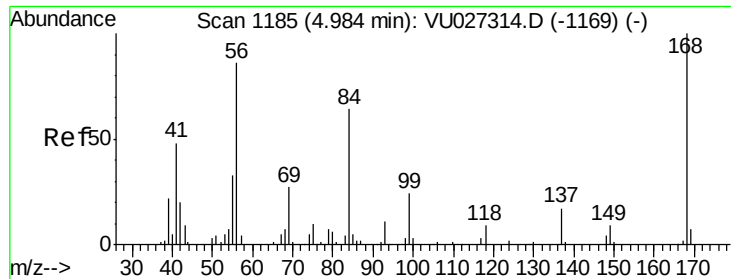
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027485.D

Acq: 06 Oct 2018 03:41

Instrument :

MSVOA_U

ClientSampleId :

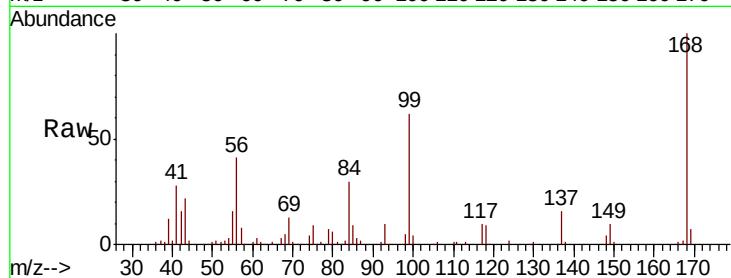
MW-11

Tot Ion:168 Resp: 112082

Ion Ratio Lower Upper

168 100

99 61.7 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

50000

40000

30000

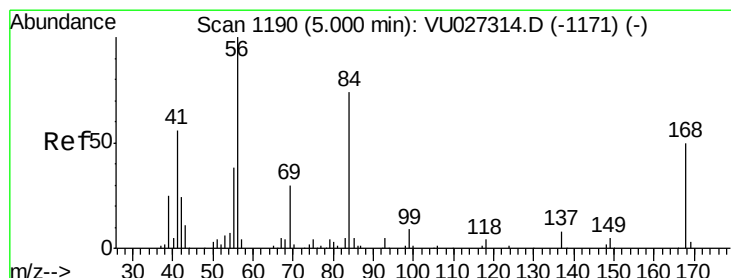
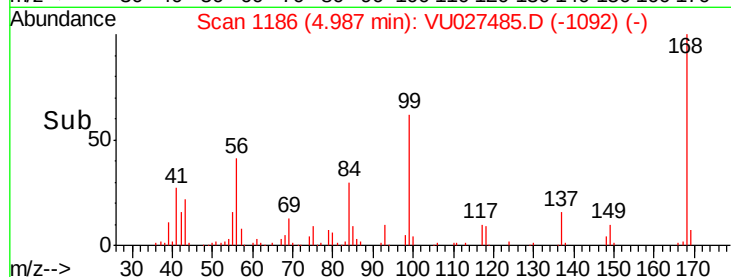
20000

10000

0

4.90 5.00 5.10

Time-->



#31

Cyclohexane

Concen: 21.081 ug/l

RT: 5.00 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VU027485.D

Acq: 06 Oct 2018 03:41

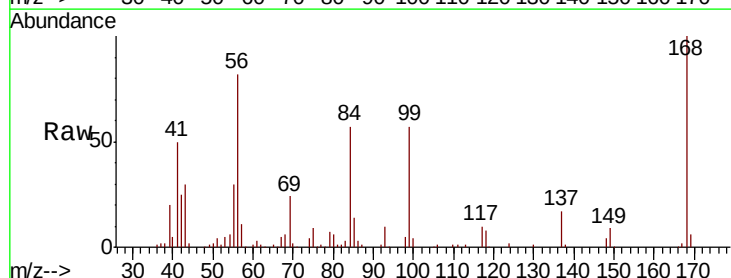
Tgt Ion: 56 Resp: 63691

Ion Ratio Lower Upper

56 100

69 27.6 24.1 36.1

84 69.1 59.1 88.7



Abundance Ion 56.00 (55.70 to 56.70): VU027314.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU027314.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU027314.D (-1171) (-)

5.00

30000

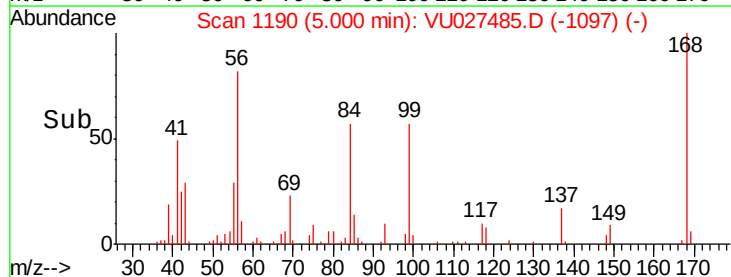
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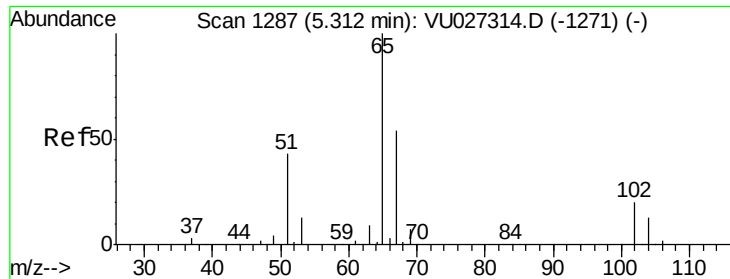
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0

4.90 4.95 5.00 5.05

Time-->

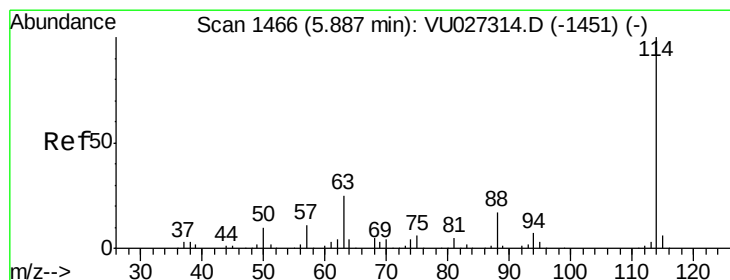
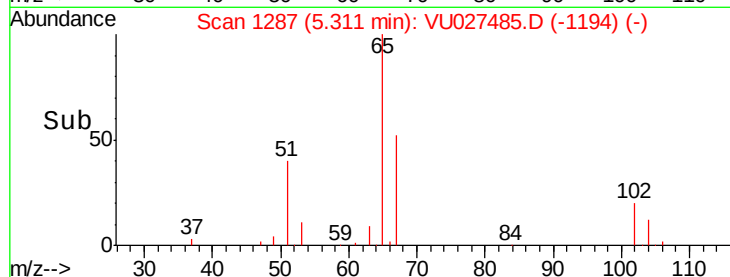
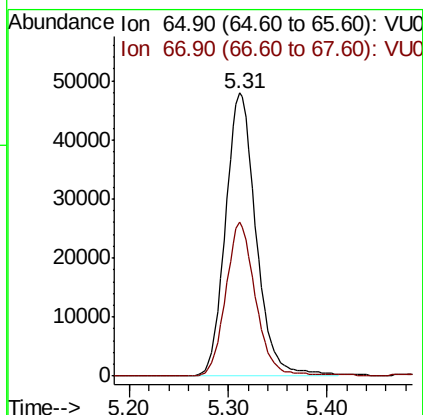
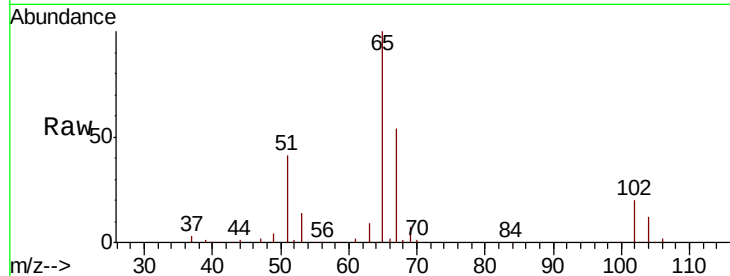




#33
 1,2-Dichloroethane-d4
 Concen: 55.521 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027485.D
 Acq: 06 Oct 2018 03:41

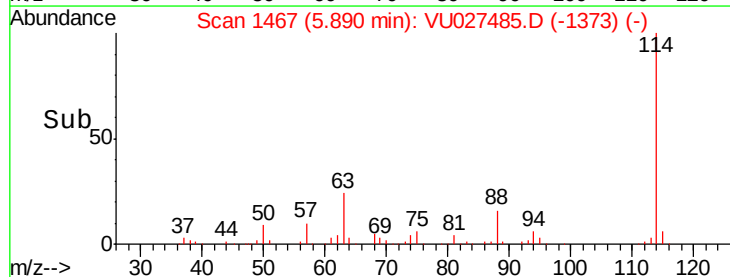
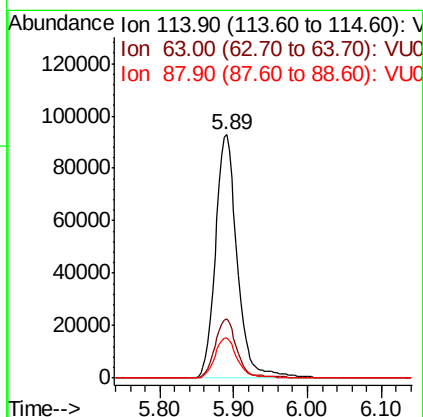
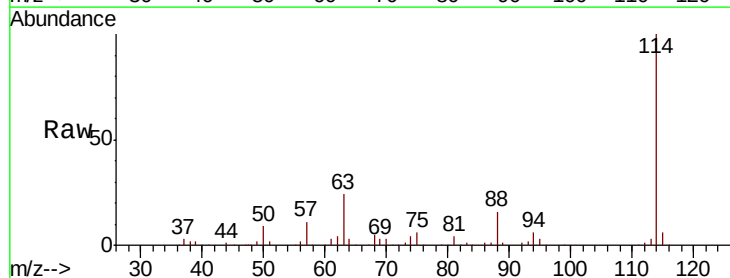
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-11

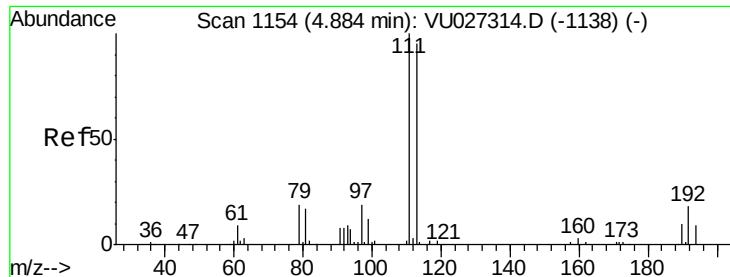
Tot Ion: 65 Resp: 103912
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027485.D
 Acq: 06 Oct 2018 03:41

Tgt Ion: 114 Resp: 190606
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 50.2
 88 16.5 0.0 33.8

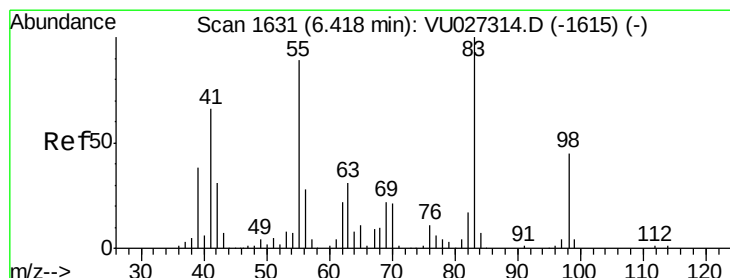
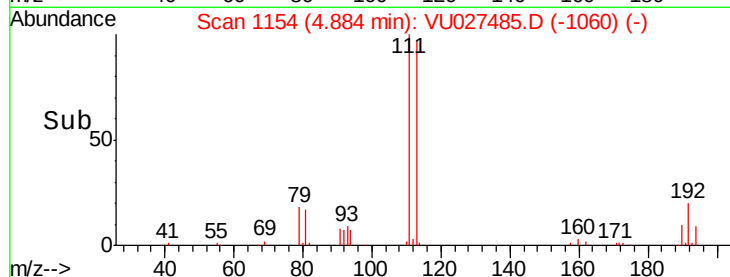
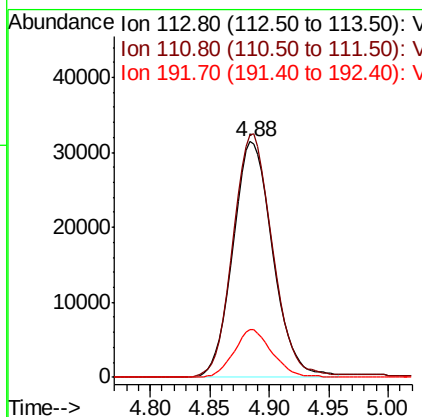
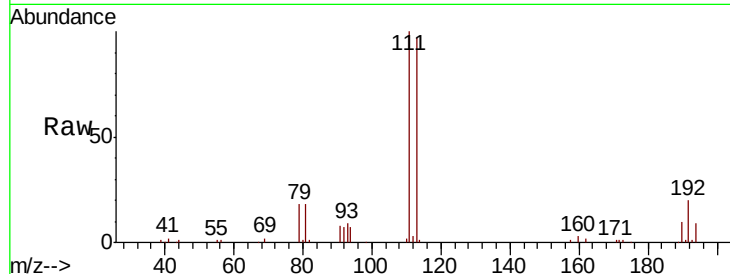




#35
Dibromofluoromethane
Concen: 56.021 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. 0.00 min
Lab File: VU027485.D
Acq: 06 Oct 2018 03:41

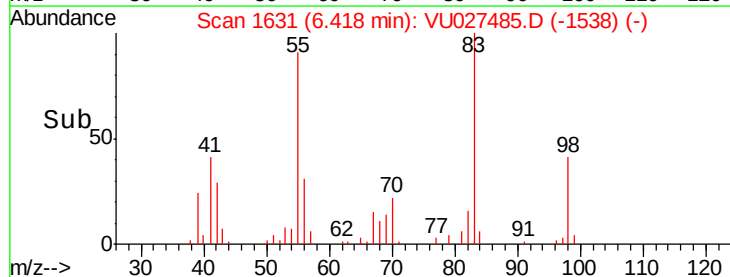
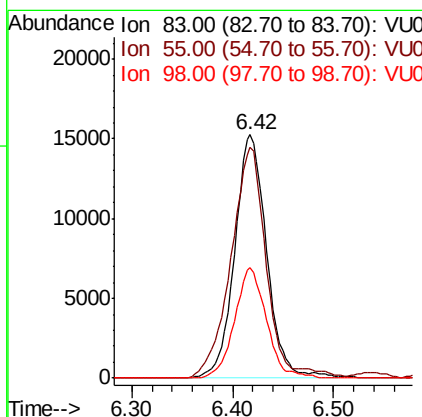
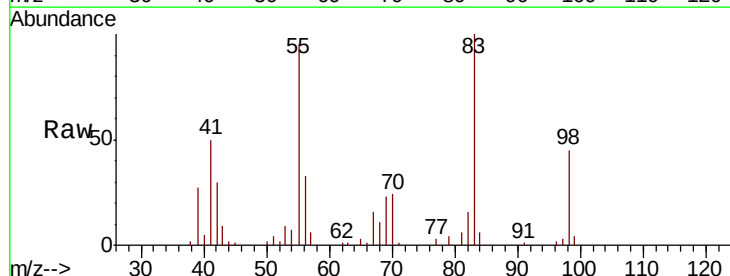
Instrument :
MSVOA_U
ClientSampleId :
MW-11

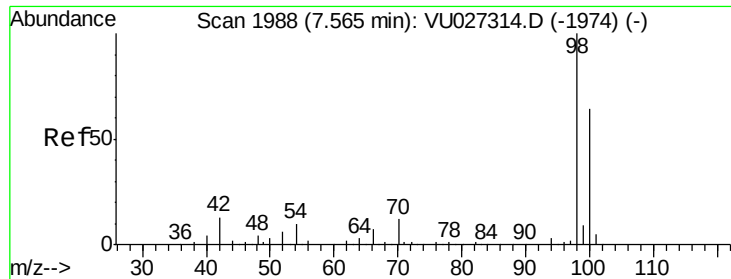
Tot Ion:113 Resp: 73179
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 19.3 15.4 23.0



#39
Methylcyclohexane
Concen: 13.859 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027485.D
Acq: 06 Oct 2018 03:41

Tgt Ion: 83 Resp: 33527
Ion Ratio Lower Upper
83 100
55 94.7 71.1 106.7
98 45.4 36.3 54.5

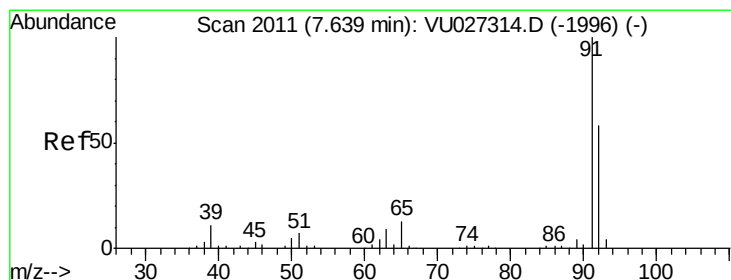
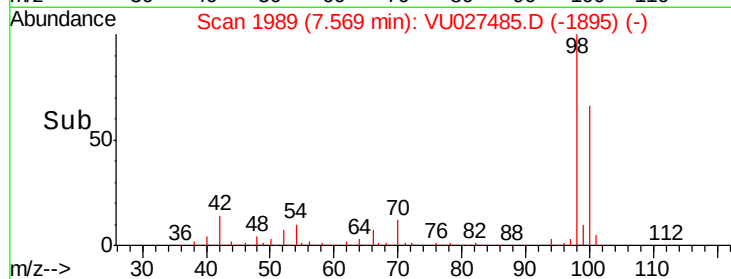
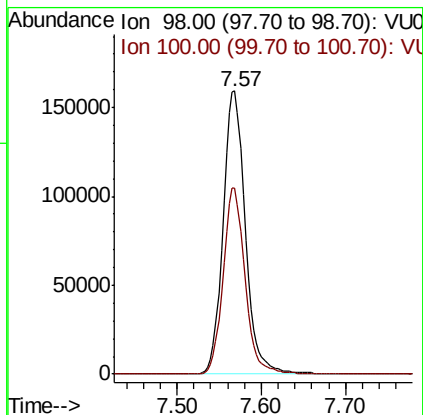
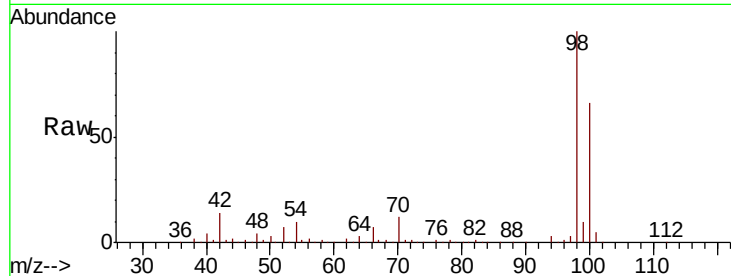




#50
Toluene-d8
Concen: 59.716 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027485.D
Acq: 06 Oct 2018 03:41

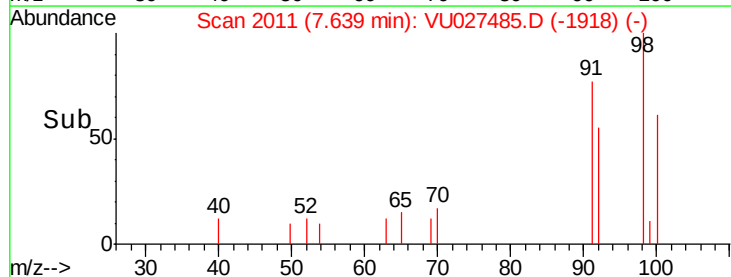
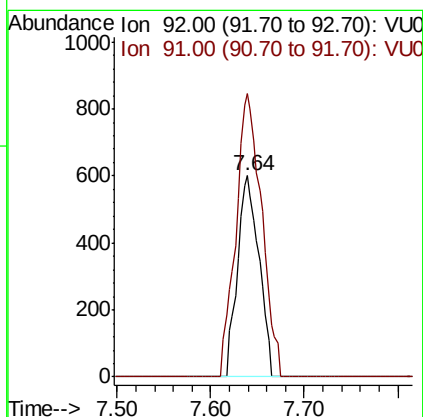
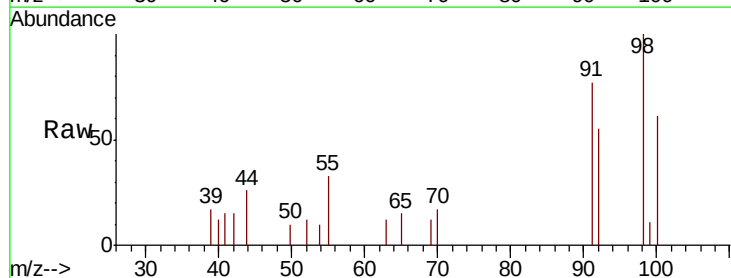
Instrument :
MSVOA_U
ClientSampled :
MW-11

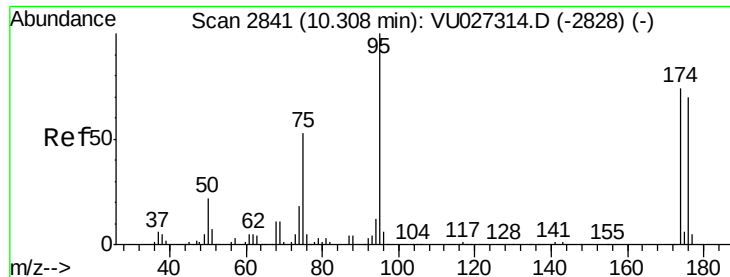
Tot Ion: 98 Resp: 291952
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#52
Toluene
Concen: 0.264 ug/l m
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU027485.D
Acq: 06 Oct 2018 03:41

Tgt Ion: 92 Resp: 943
Ion Ratio Lower Upper
92 100
91 0.0 138.6 208.0#





#62

4-Bromofluorobenzene

Concen: 60.711 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027485.D

Acq: 06 Oct 2018 03:41

Instrument :

MSVOA_U

ClientSampleId :

MW-11

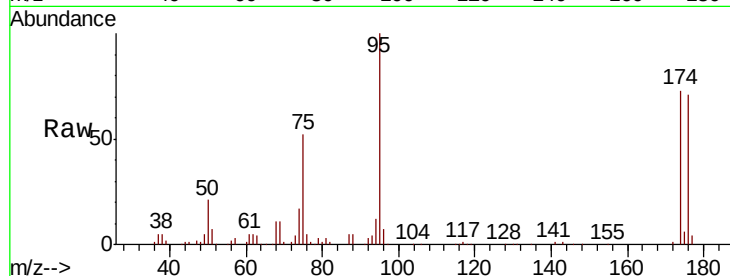
Tot Ion: 95 Resp: 110309

Ion Ratio Lower Upper

95 100

174 73.9 0.0 147.8

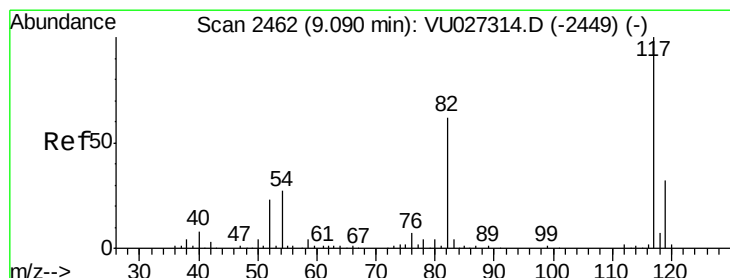
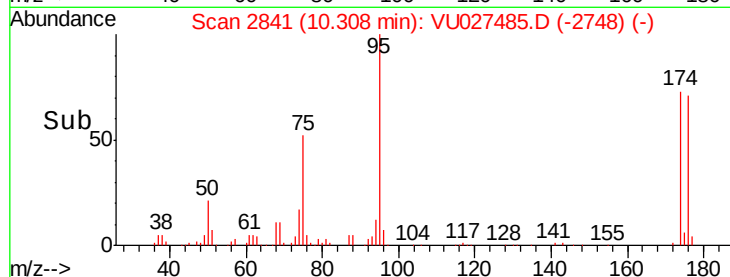
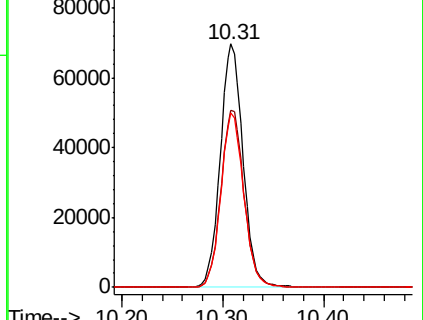
176 71.9 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027485.D

Acq: 06 Oct 2018 03:41

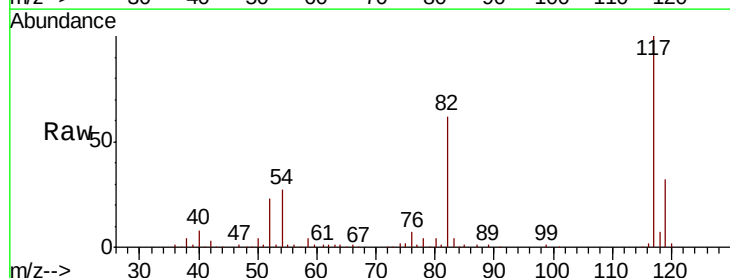
Tgt Ion: 117 Resp: 180210

Ion Ratio Lower Upper

117 100

82 61.7 49.2 73.8

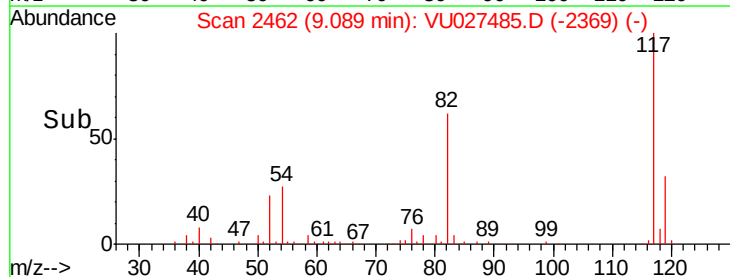
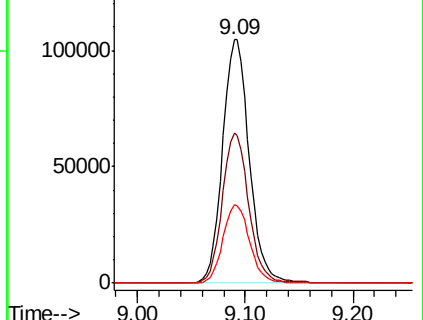
119 32.0 25.7 38.5

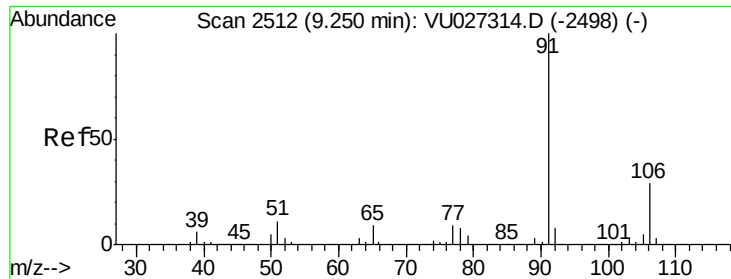


Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027314.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027314.D (-2449) (-)

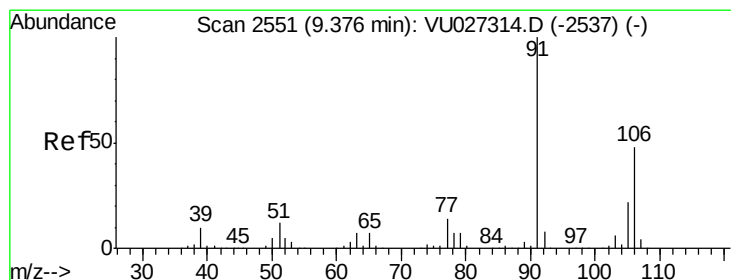
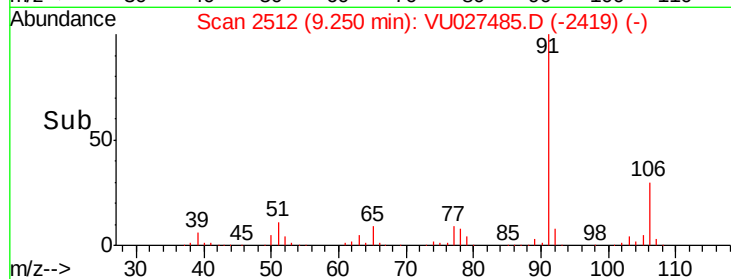
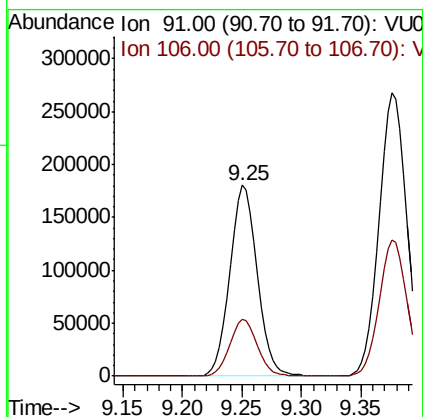
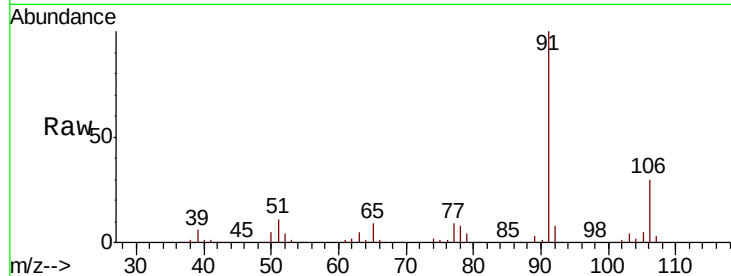




#67
Ethyl Benzene
Concen: 43.011 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027485.D
Acq: 06 Oct 2018 03:41

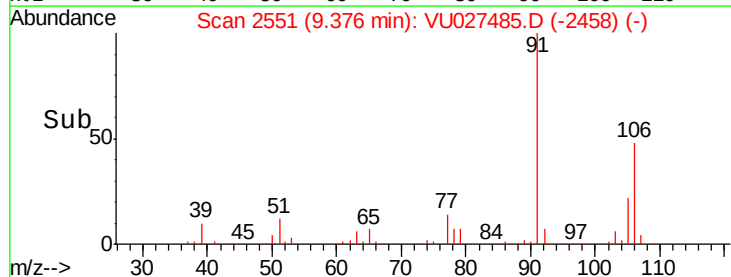
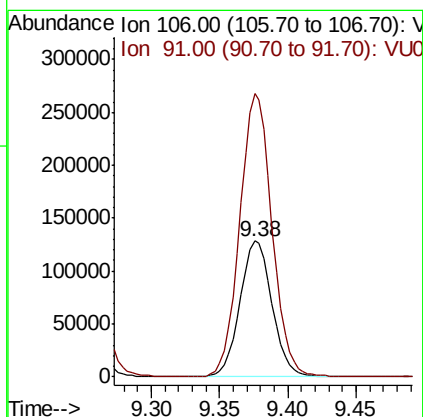
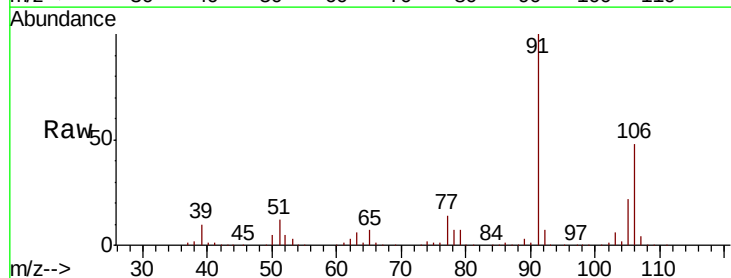
Instrument :
MSVOA_U
ClientSampled :
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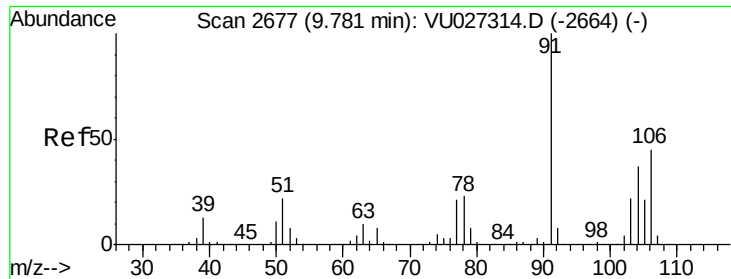
Tot Ion: 91 Resp: 289062
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4



#68
m/p-Xylenes
Concen: 85.007 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027485.D
Acq: 06 Oct 2018 03:41

Tgt Ion: 106 Resp: 208974
Ion Ratio Lower Upper
106 100
91 209.9 168.1 252.1

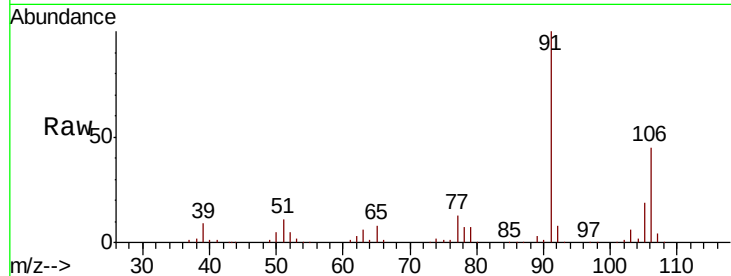




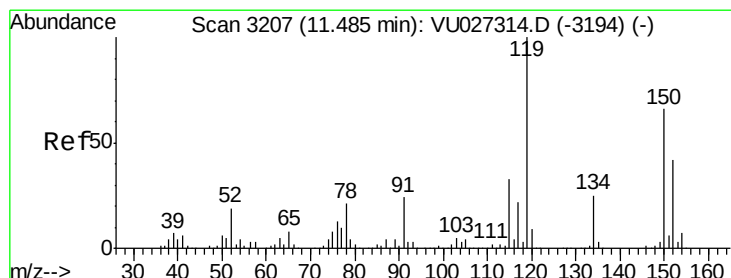
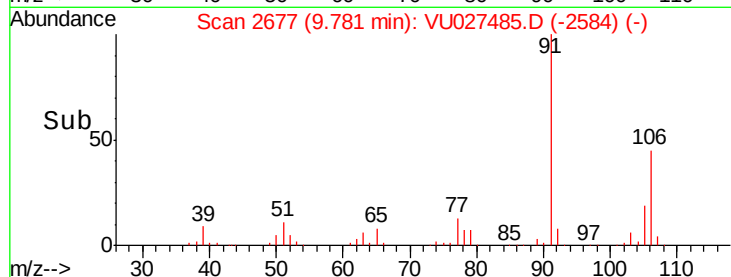
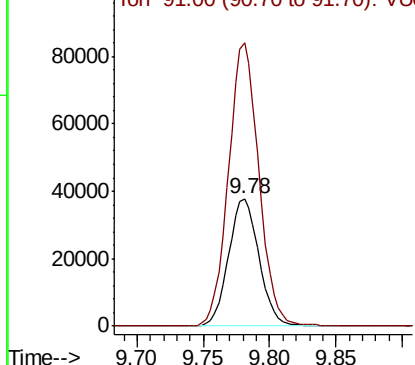
#69
o-Xylene
Concen: 25.822 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027485.D
Acq: 06 Oct 2018 03:41

Instrument :
MSVOA_U
ClientSampleId :
MW-11

Tot Ion:106 Resp: 60324
Ion Ratio Lower Upper
106 100
91 221.9 111.7 334.9

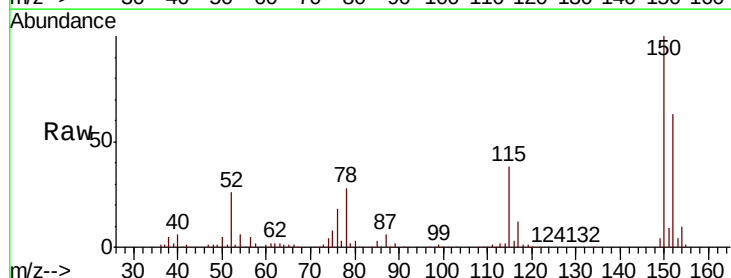


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

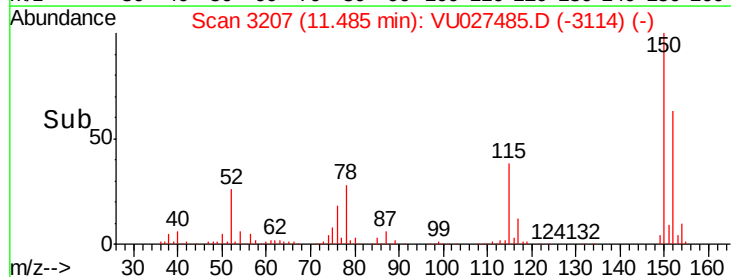
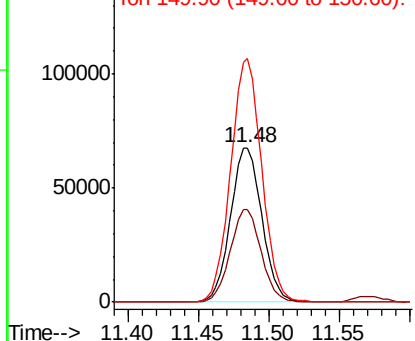


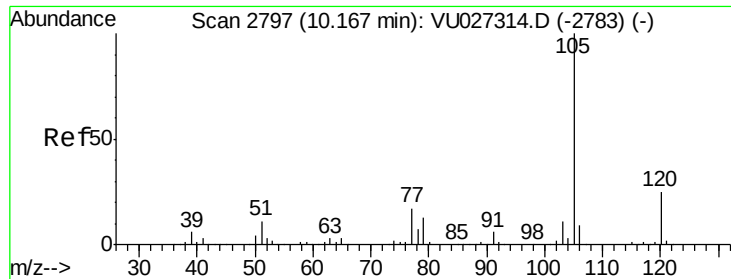
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027485.D
Acq: 06 Oct 2018 03:41

Tgt Ion:152 Resp: 105218
Ion Ratio Lower Upper
152 100
115 59.4 43.4 130.2
150 157.0 0.0 349.2



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: 2.987 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027485.D

Acq: 06 Oct 2018 03:41

Instrument :

MSVOA_U

ClientSampleId :

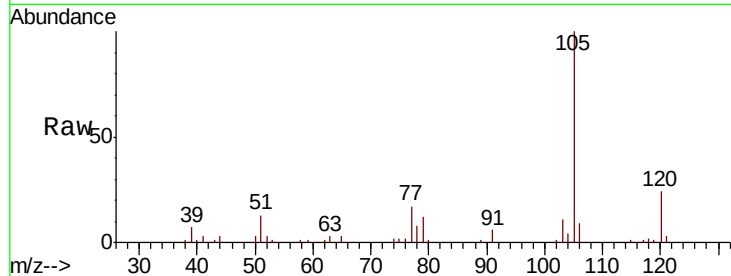
MW-11

Tot Ion:105 Resp: 22825

Ion Ratio Lower Upper

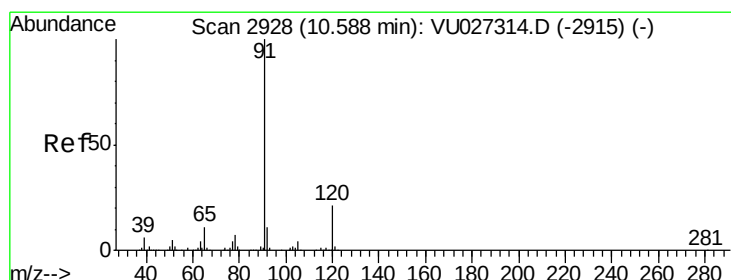
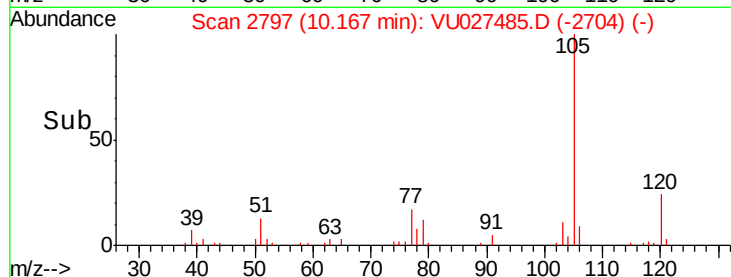
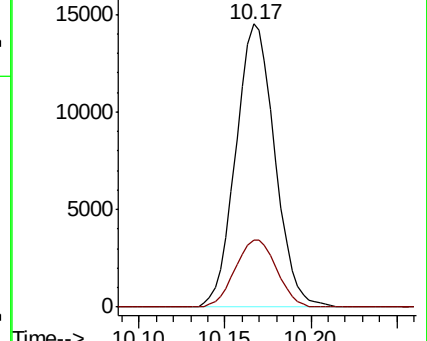
105 100

120 25.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 8.337 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027485.D

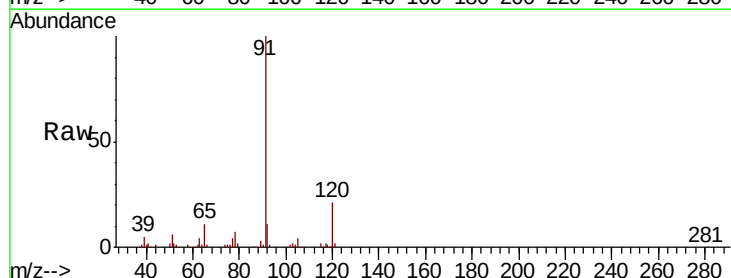
Acq: 06 Oct 2018 03:41

Tgt Ion: 91 Resp: 76560

Ion Ratio Lower Upper

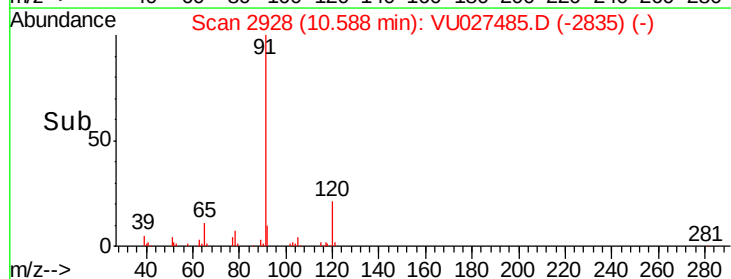
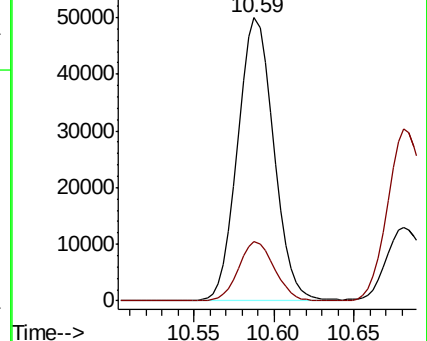
91 100

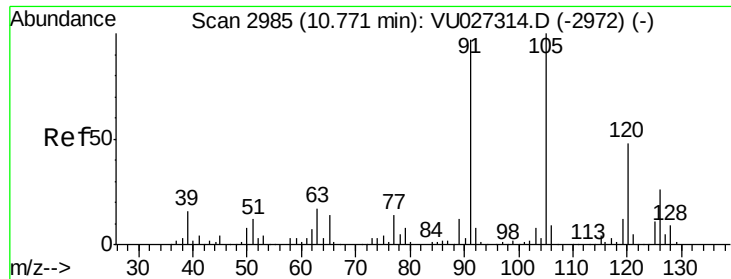
120 20.7 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 13.246 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027485.D

Acq: 06 Oct 2018 03:41

Instrument :

MSVOA_U

ClientSampled :

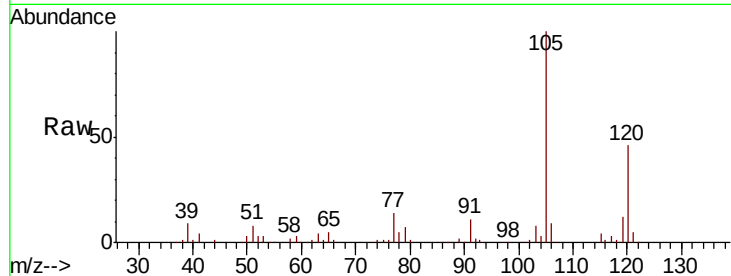
MW-11

Tot Ion:105 Resp: 82410

Ion Ratio Lower Upper

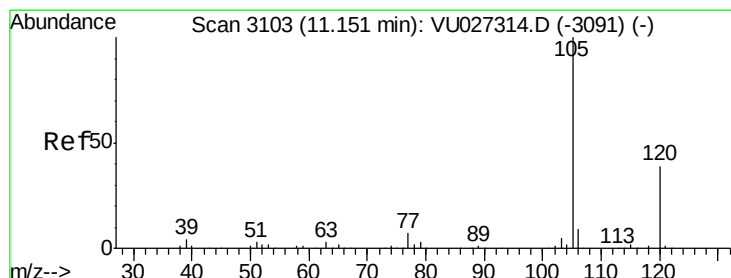
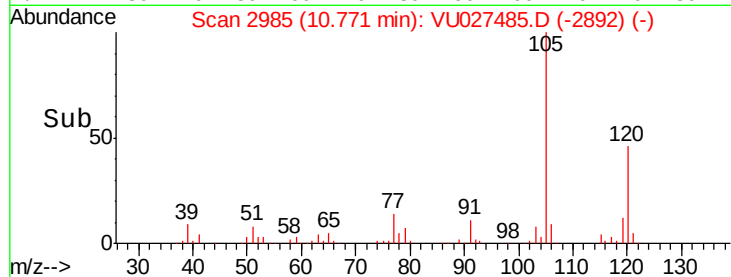
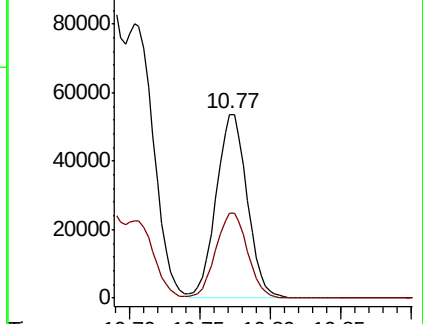
105 100

120 47.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 64.868 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.00 min

Lab File: VU027485.D

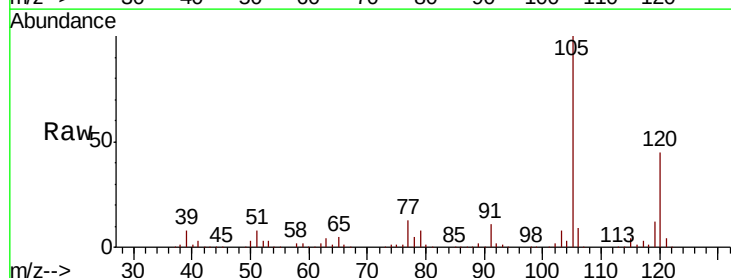
Acq: 06 Oct 2018 03:41

Tgt Ion:105 Resp: 412259

Ion Ratio Lower Upper

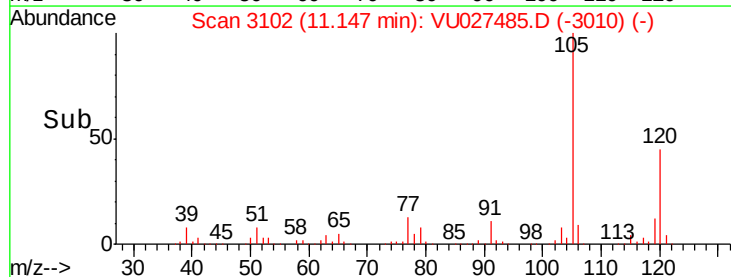
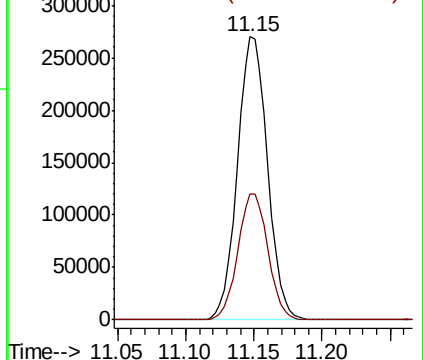
105 100

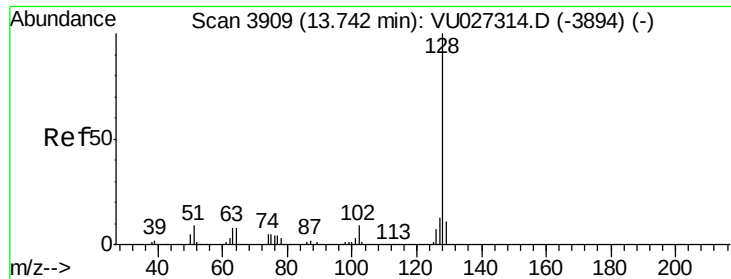
120 44.7 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 19.483 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027485.D

Acq: 06 Oct 2018 03:41

Instrument :

MSVOA_U

ClientSampleId :

MW-11

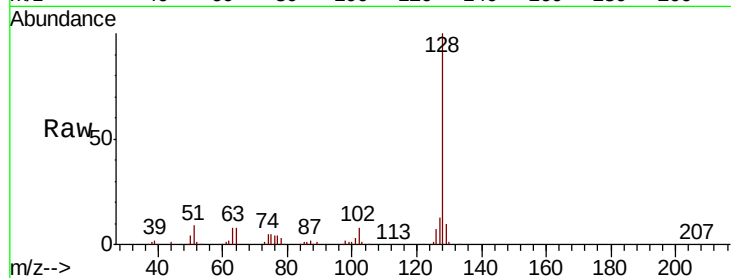
Tot Ion:128 Resp: 146644

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.6 8.6 12.8



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

