

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110618\
 Data File : VU027985.D
 Acq On : 06 Nov 2018 14:27
 Operator : MD/SY
 Sample : J5822-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-11

Quant Time: Nov 06 17:21:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	200994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	375367	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	341191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	155873	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	160971	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	
35) Dibromofluoromethane	4.88	113	120930	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
50) Toluene-d8	7.57	98	490059	53.60	ug/l	0.00
Spiked Amount			Recovery	=	107.20%	
62) 4-Bromofluorobenzene	10.31	95	168391	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	

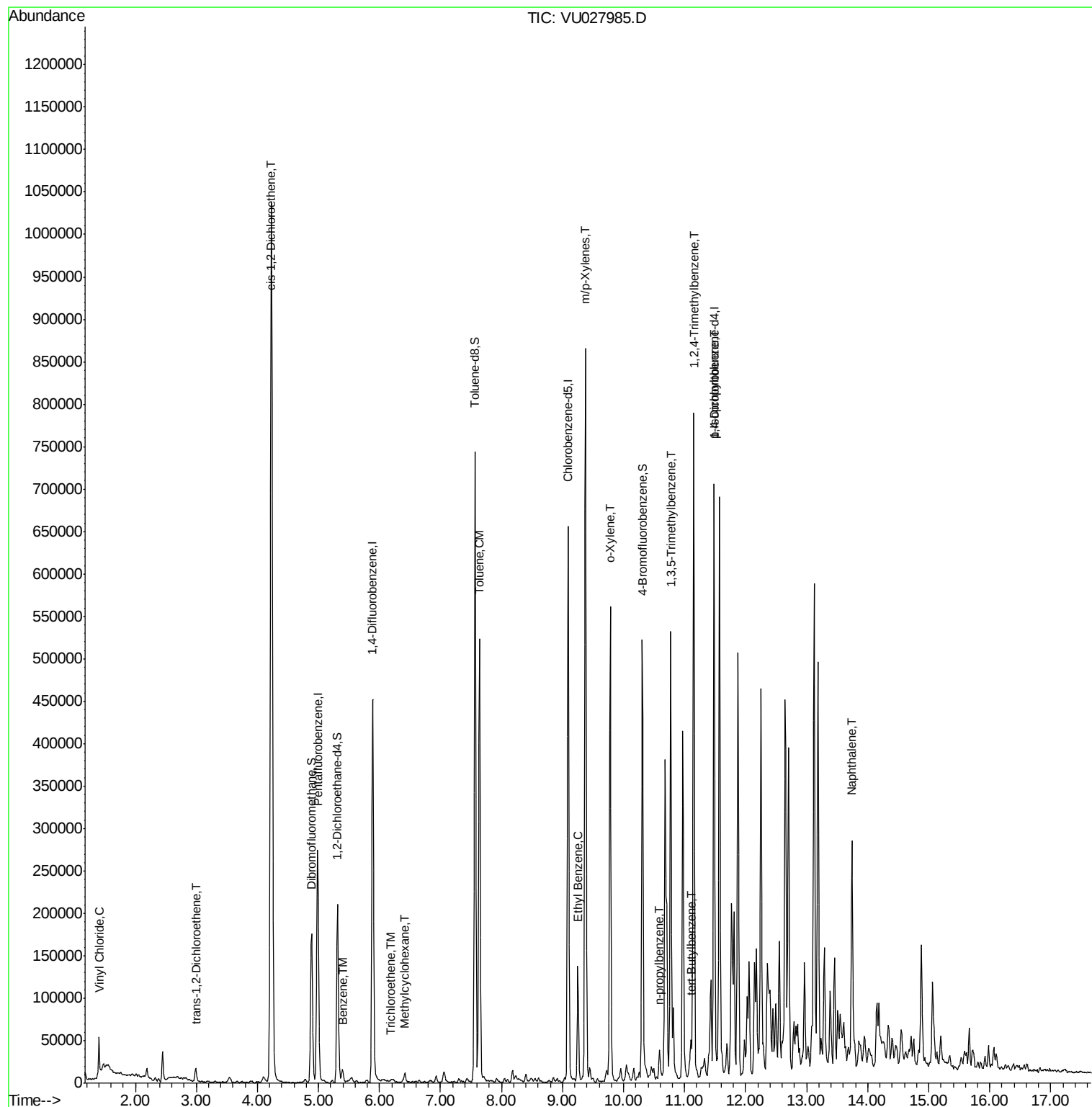
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	26243	8.560	ug/l #	84
21) trans-1,2-Dichloroethene	2.99	96	5067	2.084	ug/l	90
27) cis-1,2-Dichloroethene	4.23	96	562991	206.518	ug/l	89
39) Methylcyclohexane	6.42	83	3772	0.796	ug/l	96
40) Benzene	5.39	78	14130	1.176	ug/l	98
44) Trichloroethene	6.19	130	957	0.370	ug/l	92
52) Toluene	7.64	92	211073	29.871	ug/l	98
67) Ethyl Benzene	9.25	91	91765	6.916	ug/l	98
68) m/p-Xylenes	9.37	106	235243	48.863	ug/l	100
69) o-Xylene	9.78	106	140947	28.993	ug/l	98
78) n-propylbenzene	10.59	91	26066	1.803	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	269476	26.939	ug/l	100
83) tert-Butylbenzene	11.10	119	15407	1.541	ug/l	87
84) 1,2,4-Trimethylbenzene	11.15	105	414939	41.194	ug/l	100
86) p-Isopropyltoluene	11.48	119	30406	2.991	ug/l	99
95) Naphthalene	13.74	128	174981	13.553	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110618\
Data File : VU027985.D
Acq On : 06 Nov 2018 14:27
Operator : MD/SY
Sample : J5822-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-11

Quant Time: Nov 06 17:21:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 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: VU027985.D

Acq: 06 Nov 2018 14:27

Instrument :

MSVOA_U

ClientSampled :

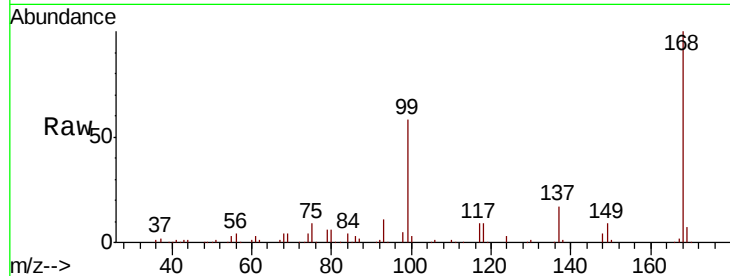
MW-11

Tot Ion:168 Resp: 200994

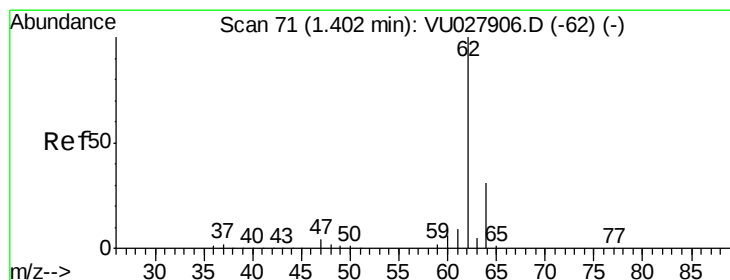
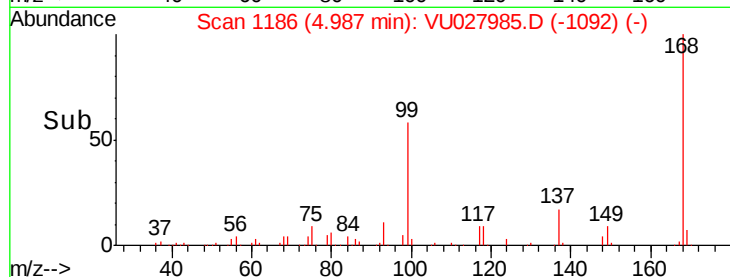
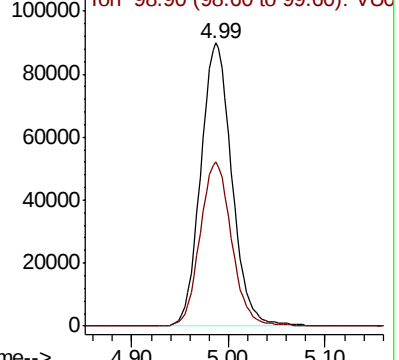
Ion Ratio Lower Upper

168 100

99 58.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)



#4

Vinyl Chloride

Concen: 8.560 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027985.D

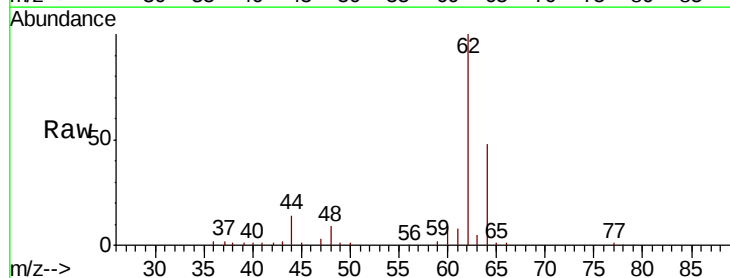
Acq: 06 Nov 2018 14:27

Tgt Ion: 62 Resp: 26243

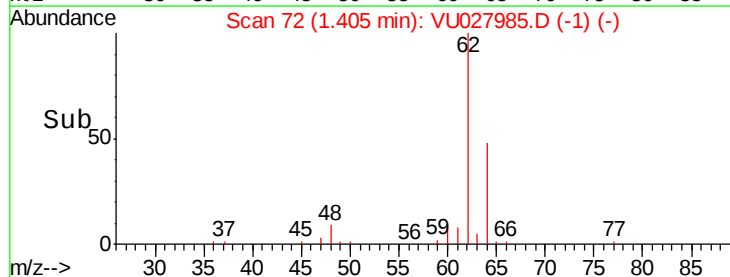
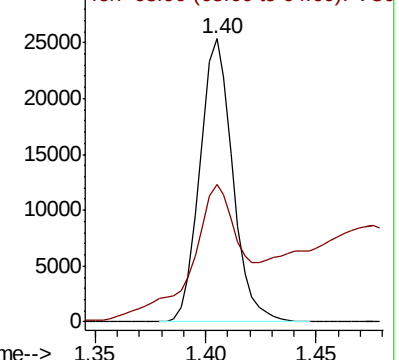
Ion Ratio Lower Upper

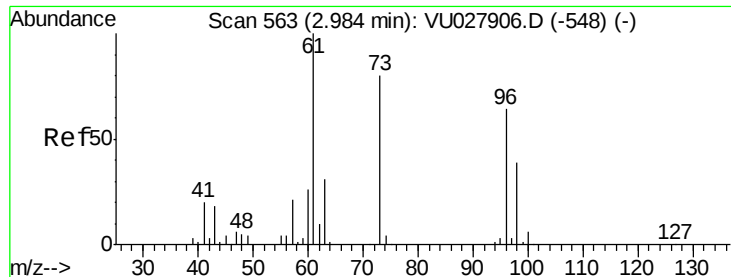
62 100

64 40.2 25.2 37.8#



Abundance Ion 61.90 (61.60 to 62.60): VU027906.D (-62) (-)





#21

trans-1,2-Dichloroethene

Concen: 2.084 ug/l

RT: 2.99 min Scan# 565

Delta R.T. 0.01 min

Lab File: VU027985.D

Acq: 06 Nov 2018 14:27

Instrument :

MSVOA_U

ClientSampleId :

MW-11

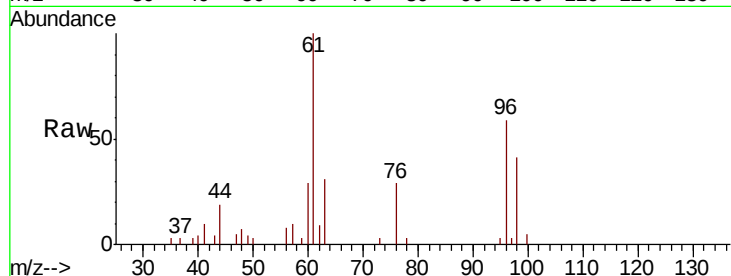
Tot Ion: 96 Resp: 5067

Ion Ratio Lower Upper

96 100

61 168.8 125.0 187.6

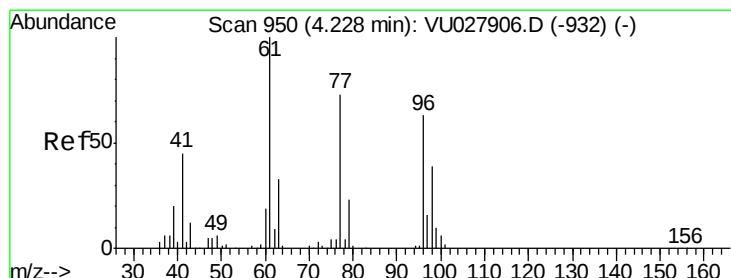
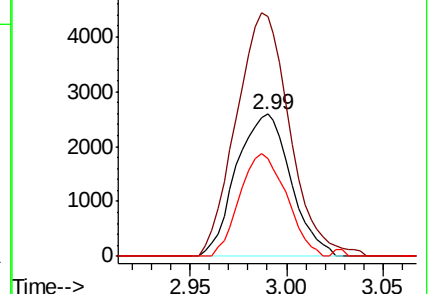
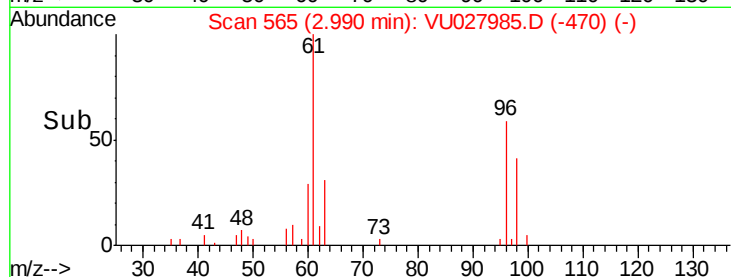
98 68.8 48.2 72.4



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 206.518 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027985.D

Acq: 06 Nov 2018 14:27

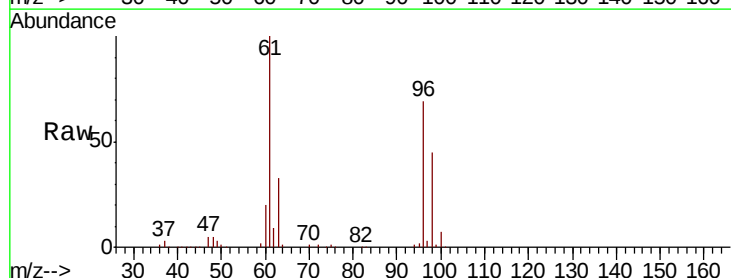
Tgt Ion: 96 Resp: 562991

Ion Ratio Lower Upper

96 100

61 144.1 0.0 329.6

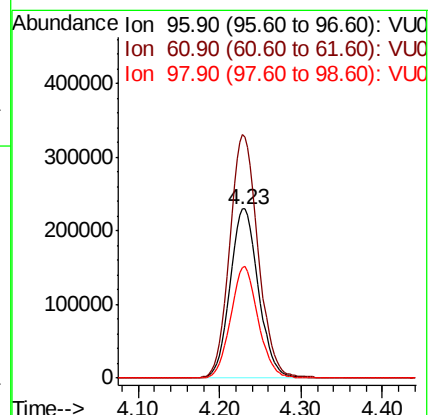
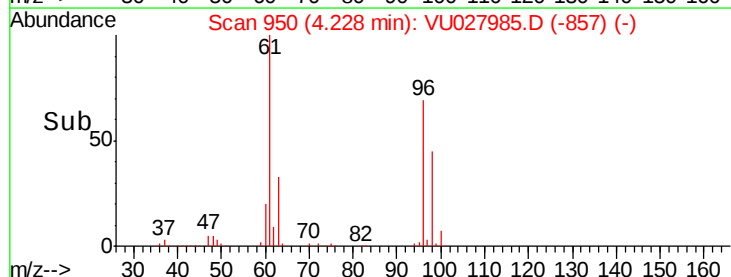
98 64.0 0.0 127.2

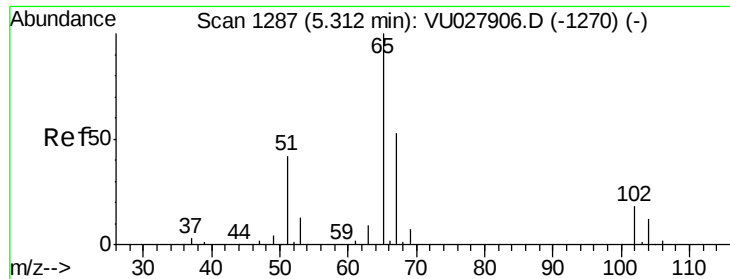


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

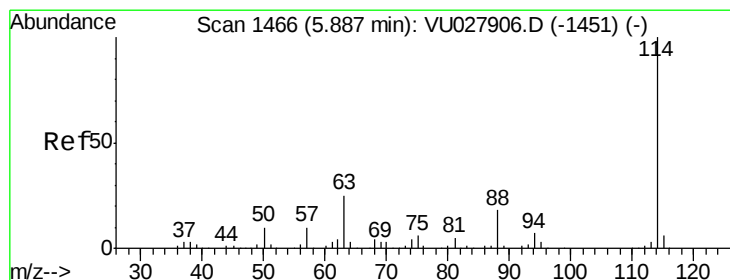
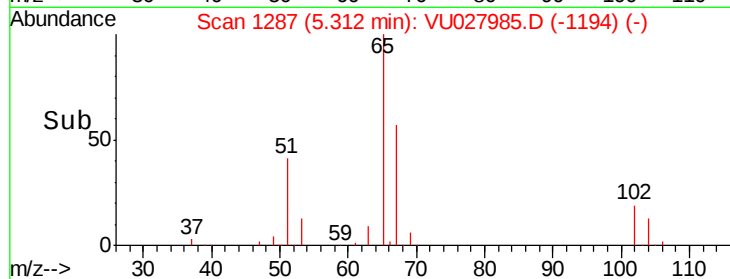
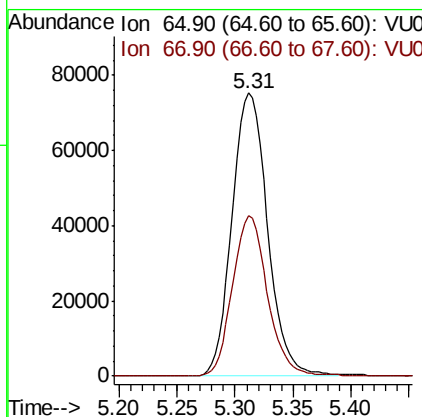
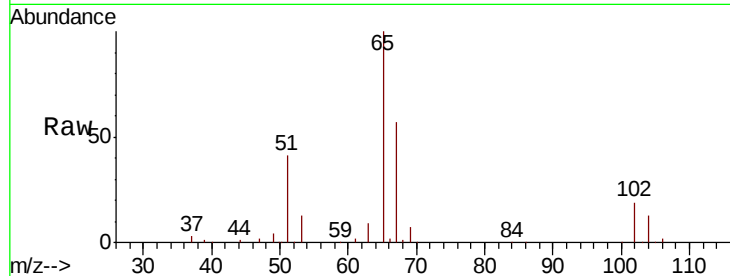




#33
 1,2-Dichloroethane-d4
 Concen: 53.867 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027985.D
 Acq: 06 Nov 2018 14:27

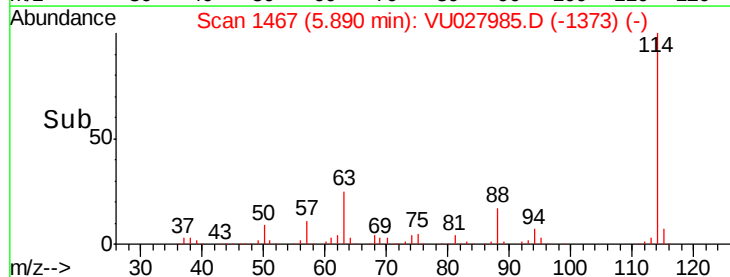
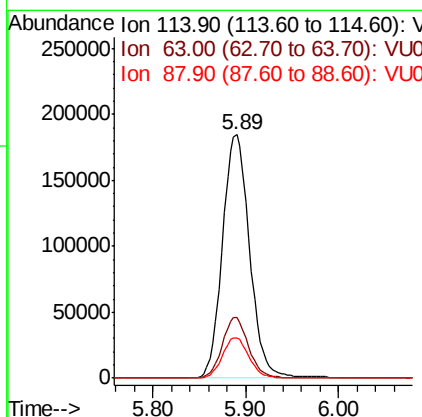
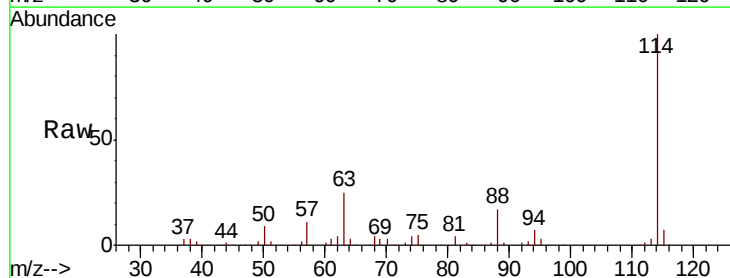
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-11

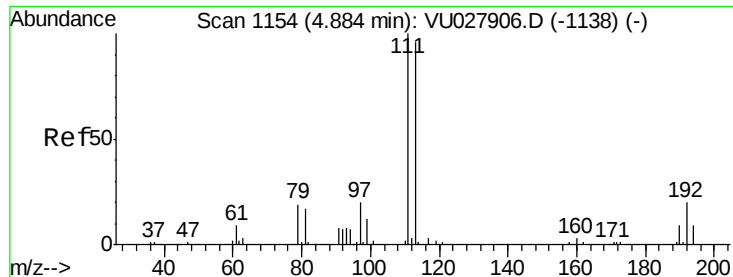
Tot Ion: 65 Resp: 160971
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027985.D
 Acq: 06 Nov 2018 14:27

Tgt Ion: 114 Resp: 375367
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.8
 88 16.7 0.0 35.8

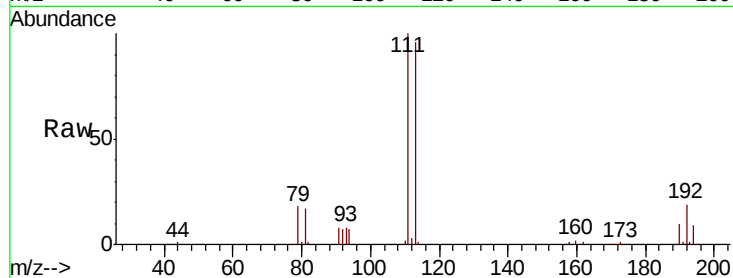




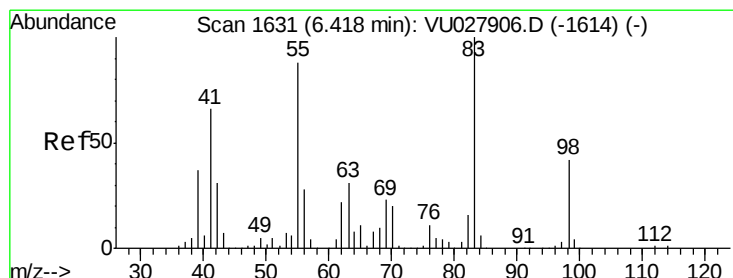
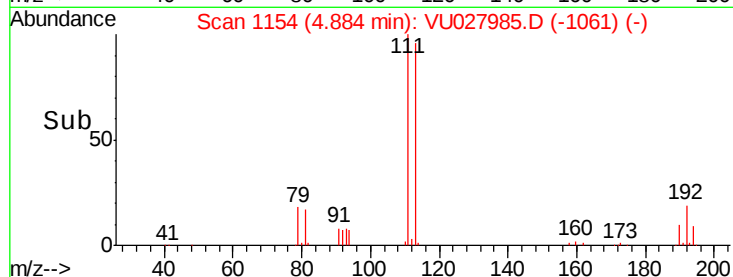
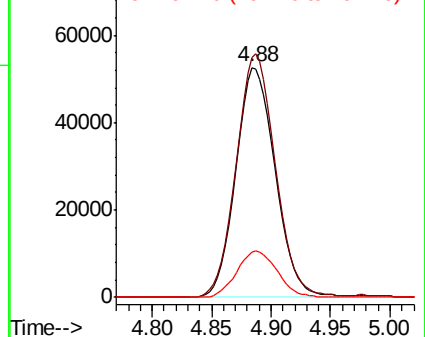
#35
Dibromofluoromethane
Concen: 51.095 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. -0.00 min
Lab File: VU027985.D
Acq: 06 Nov 2018 14:27

Instrument :
MSVOA_U
ClientSampleId :
MW-11

Tot Ion:113 Resp: 120930
Ion Ratio Lower Upper
113 100
111 105.3 83.0 124.6
192 20.5 15.6 23.4

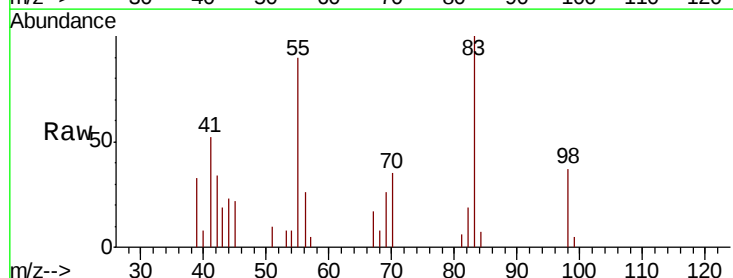


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

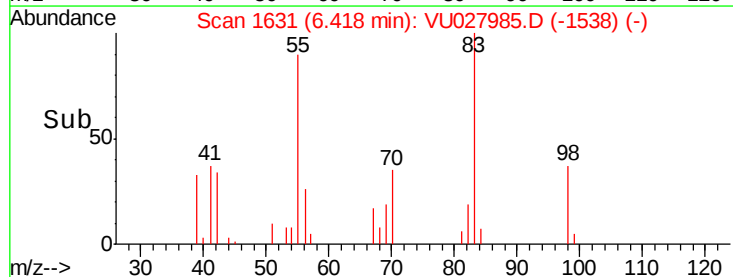
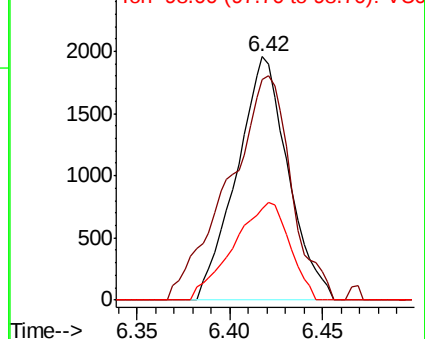


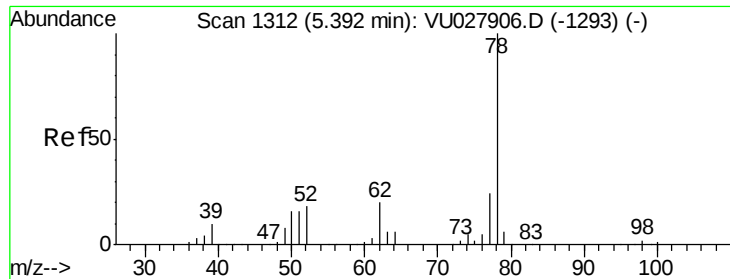
#39
Methylcyclohexane
Concen: 0.796 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027985.D
Acq: 06 Nov 2018 14:27

Tgt Ion: 83 Resp: 3772
Ion Ratio Lower Upper
83 100
55 90.3 70.3 105.5
98 37.5 34.0 51.0



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 1.176 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU027985.D

Acq: 06 Nov 2018 14:27

Instrument :

MSVOA_U

ClientSampleId :

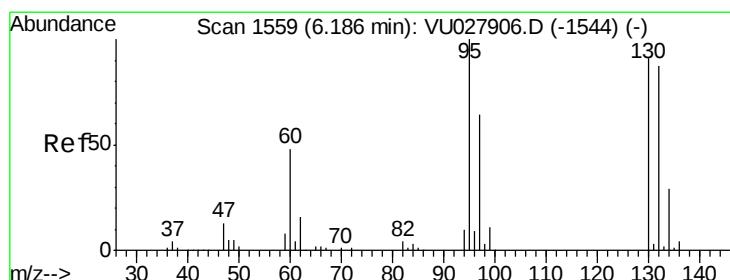
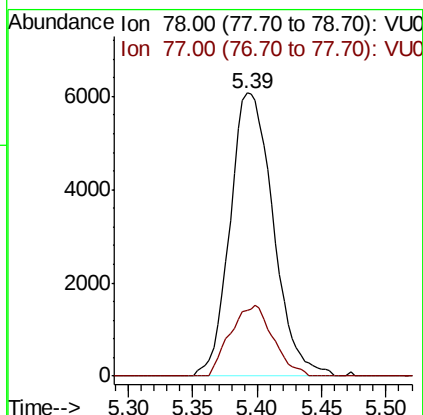
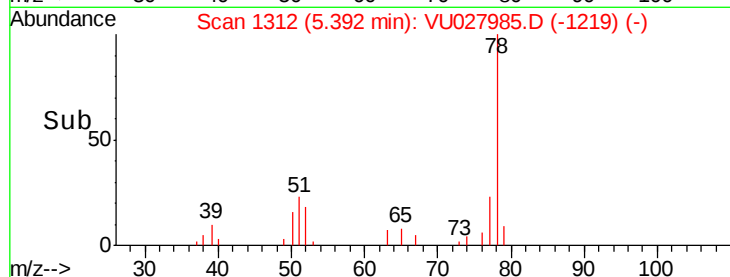
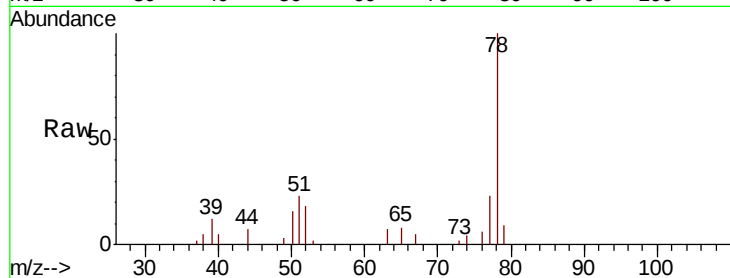
MW-11

Tot Ion: 78 Resp: 14130

Ion Ratio Lower Upper

78 100

77 23.2 19.3 28.9



#44

Trichloroethene

Concen: 0.370 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VU027985.D

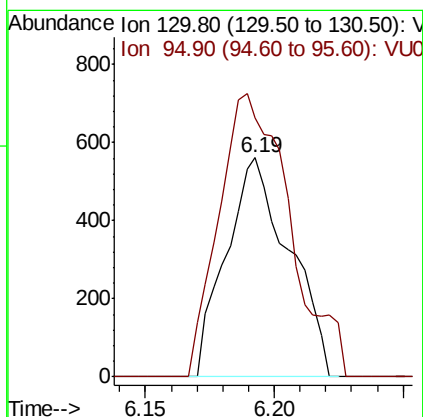
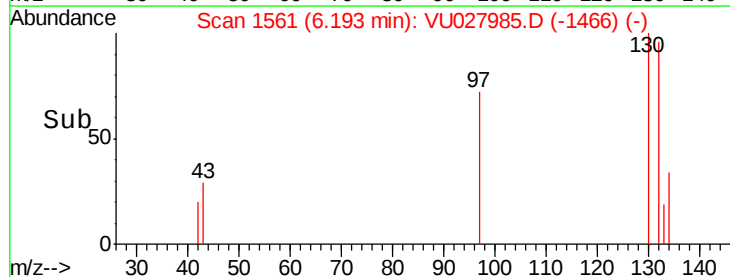
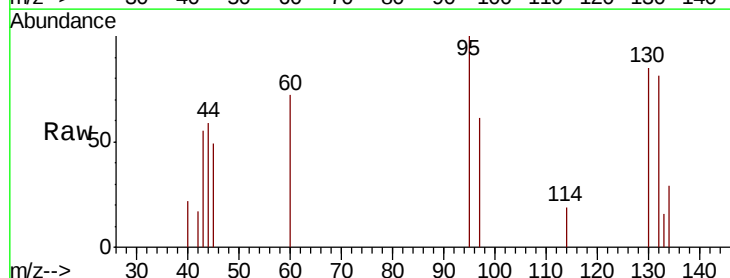
Acq: 06 Nov 2018 14:27

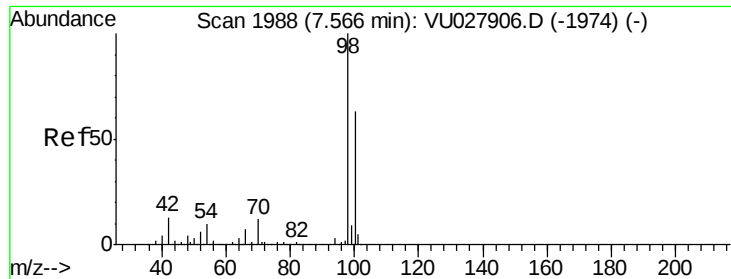
Tgt Ion:130 Resp: 957

Ion Ratio Lower Upper

130 100

95 118.0 0.0 219.2

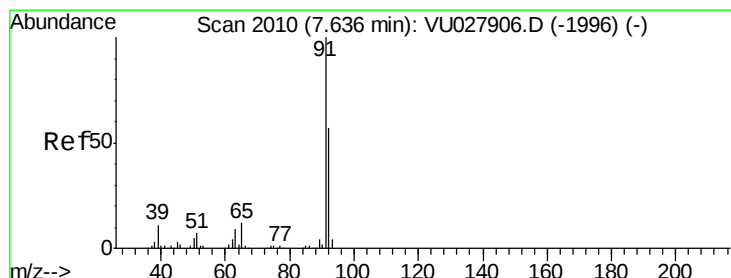
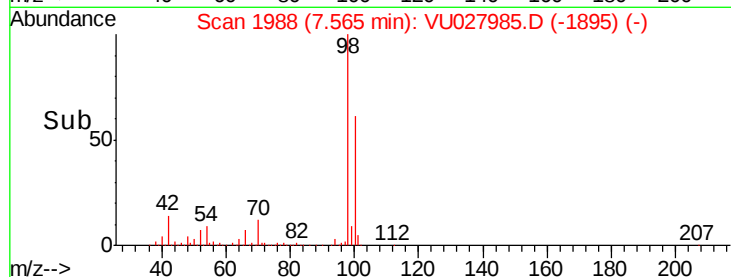
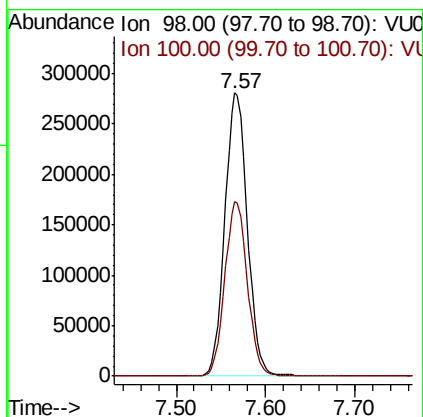
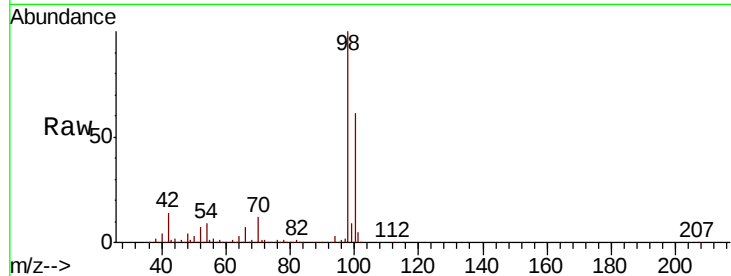




#50
Toluene-d8
Concen: 53.602 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027985.D
Acq: 06 Nov 2018 14:27

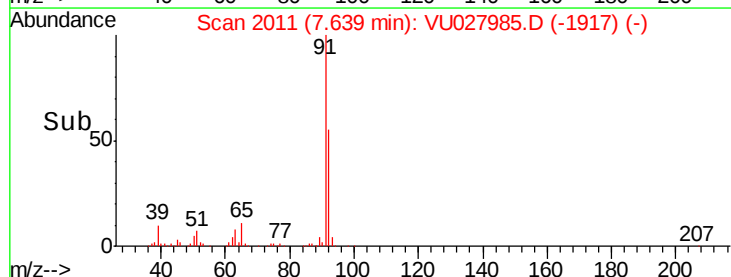
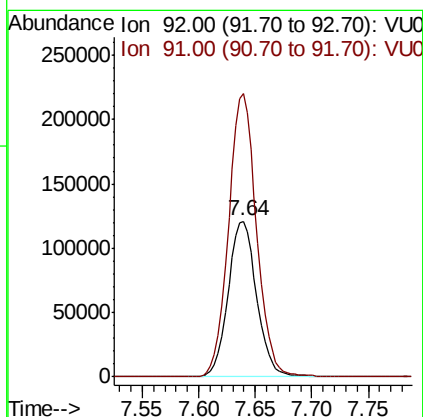
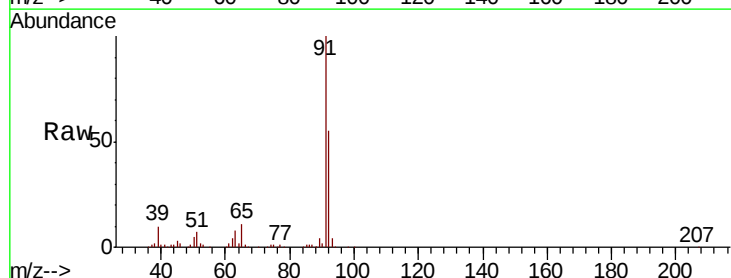
Instrument :
MSVOA_U
ClientSampled :
MW-11

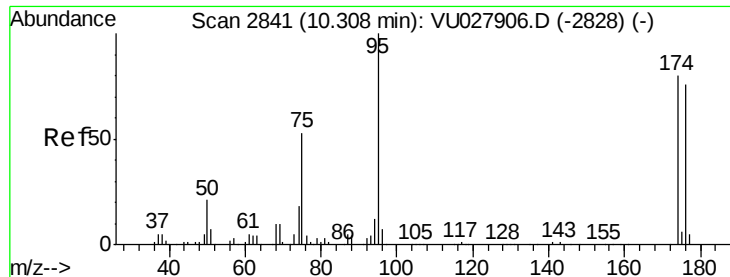
Tot Ion: 98 Resp: 490059
Ion Ratio Lower Upper
98 100
100 61.9 50.1 75.1



#52
Toluene
Concen: 29.871 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027985.D
Acq: 06 Nov 2018 14:27

Tgt Ion: 92 Resp: 211073
Ion Ratio Lower Upper
92 100
91 179.7 141.2 211.8





#62

4-Bromofluorobenzene

Concen: 49.935 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027985.D

Acq: 06 Nov 2018 14:27

Instrument :

MSVOA_U

ClientSampleId :

MW-11

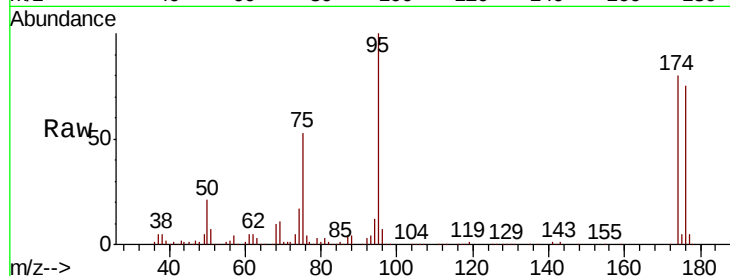
Tot Ion: 95 Resp: 168391

Ion Ratio Lower Upper

95 100

174 77.8 0.0 156.4

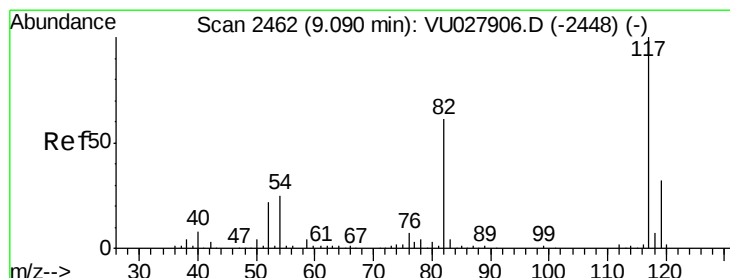
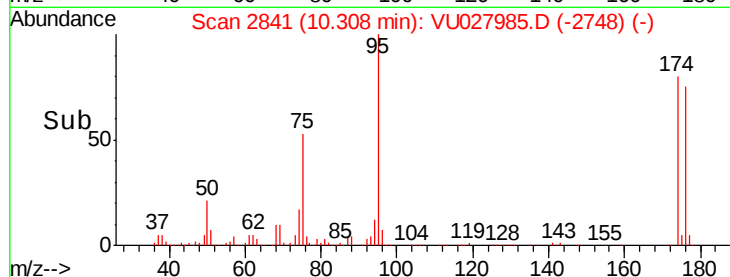
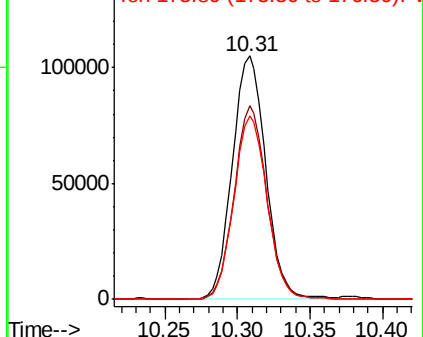
176 74.9 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027985.D

Acq: 06 Nov 2018 14:27

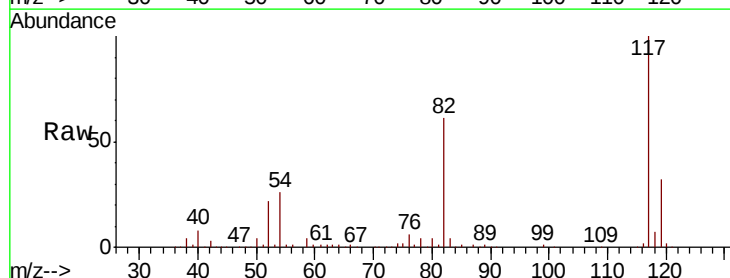
Tgt Ion: 117 Resp: 341191

Ion Ratio Lower Upper

117 100

82 60.5 48.6 73.0

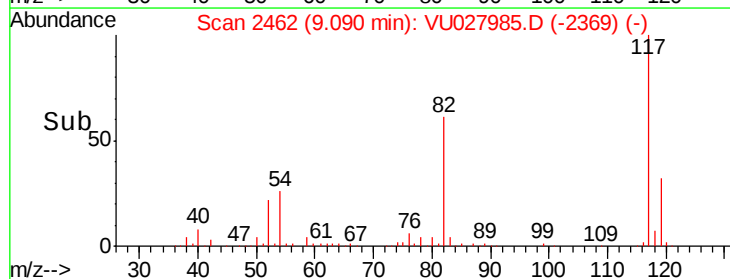
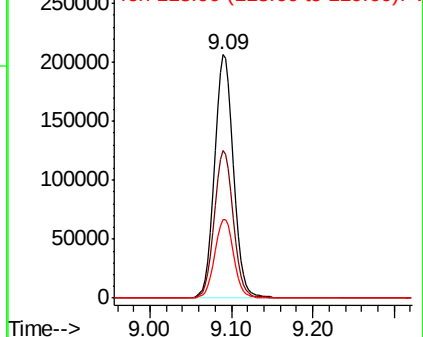
119 32.2 25.8 38.8

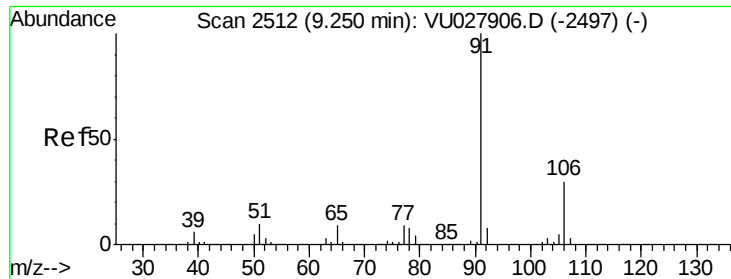


Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)

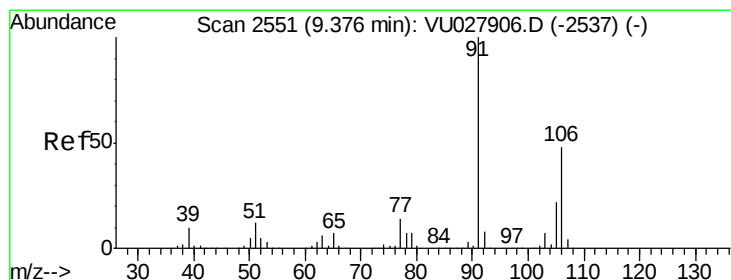
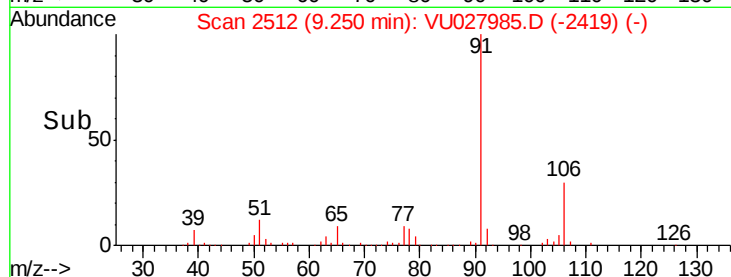
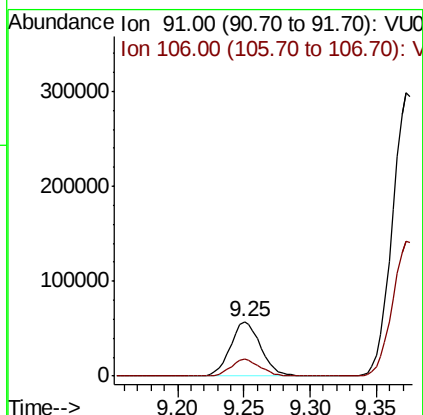
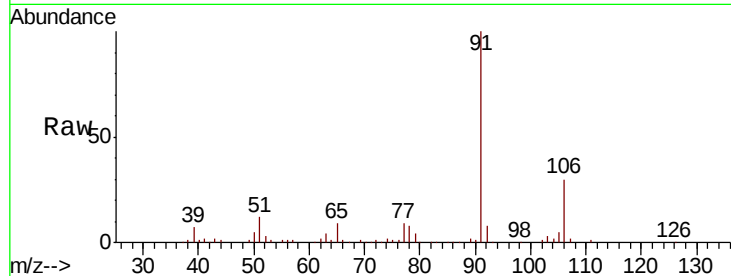




#67
Ethyl Benzene
Concen: 6.916 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027985.D
Acq: 06 Nov 2018 14:27

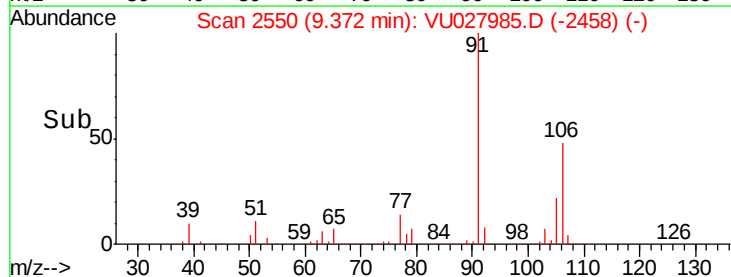
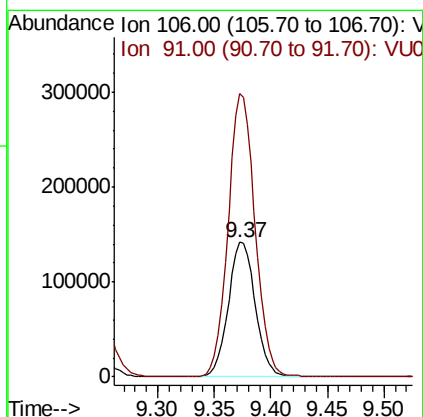
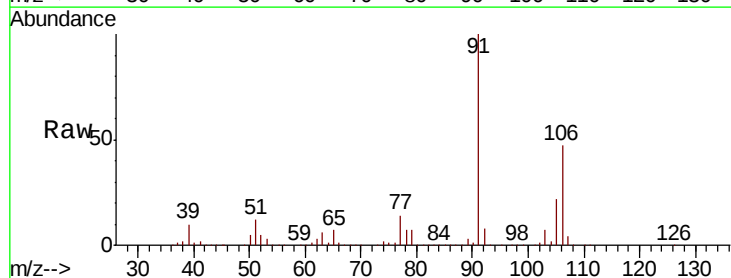
Instrument :
MSVOA_U
ClientSampled :
MW-11

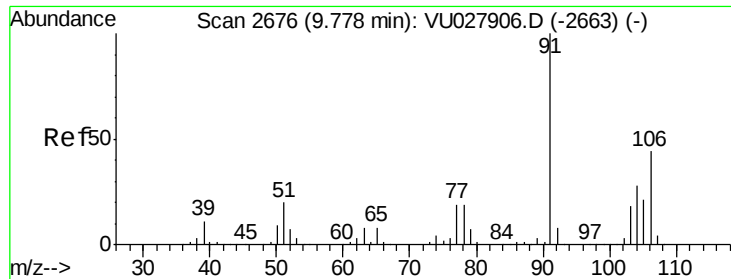
Tot Ion: 91 Resp: 91765
Ion Ratio Lower Upper
91 100
106 30.4 23.6 35.4



#68
m/p-Xylenes
Concen: 48.863 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU027985.D
Acq: 06 Nov 2018 14:27

Tgt Ion: 106 Resp: 235243
Ion Ratio Lower Upper
106 100
91 209.7 168.2 252.4

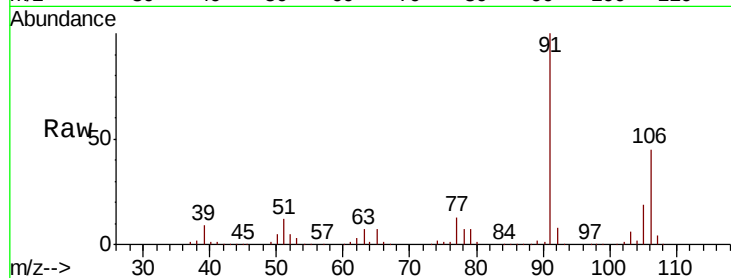




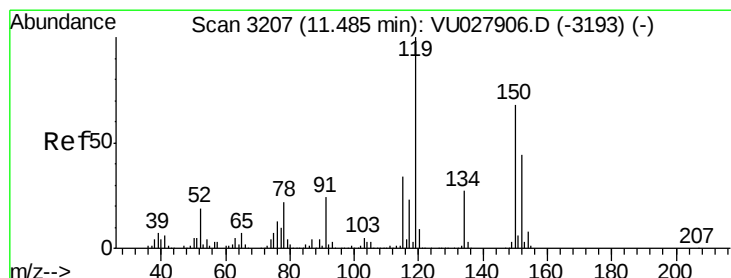
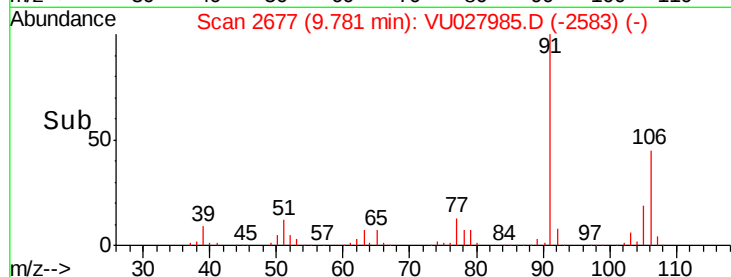
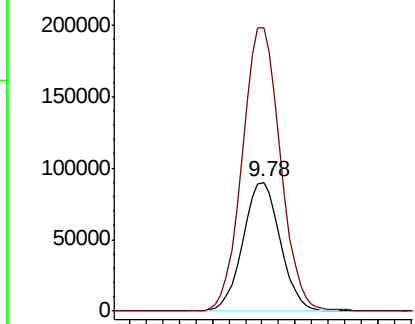
#69
o-Xylene
Concen: 28.993 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027985.D
Acq: 06 Nov 2018 14:27

Instrument :
MSVOA_U
ClientSampled :
MW-11

Tot Ion:106 Resp: 140947
Ion Ratio Lower Upper
106 100
91 224.8 111.1 333.4

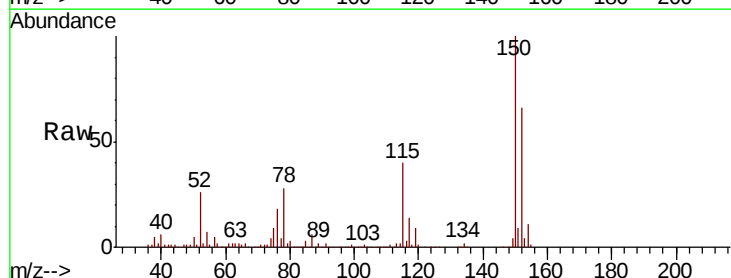


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

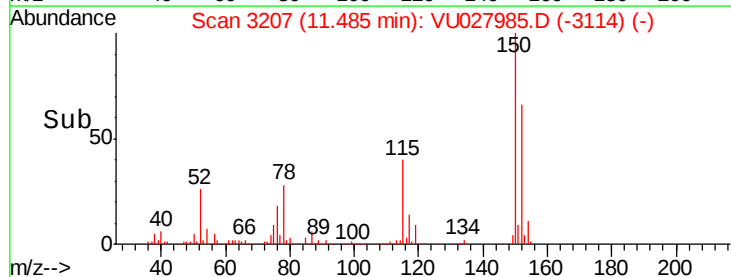
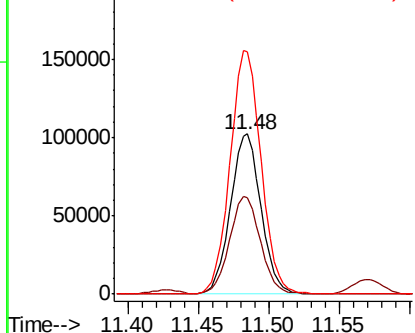


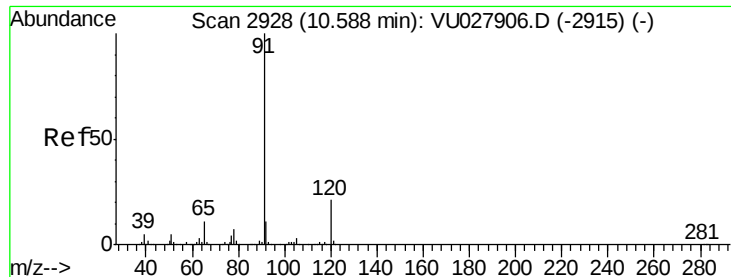
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027985.D
Acq: 06 Nov 2018 14:27

Tgt Ion:152 Resp: 155873
Ion Ratio Lower Upper
152 100
115 61.4 43.0 129.0
150 153.9 0.0 349.4



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





#78

n-propylbenzene

Concen: 1.803 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027985.D

Acq: 06 Nov 2018 14:27

Instrument :

MSVOA_U

ClientSampled :

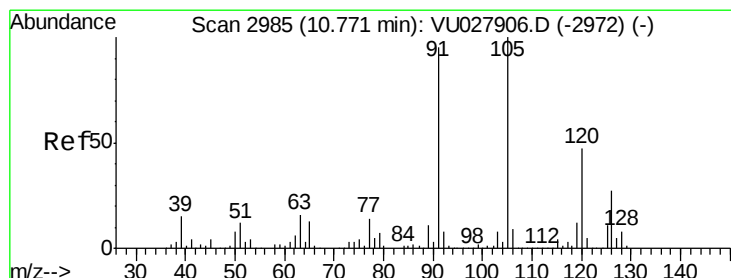
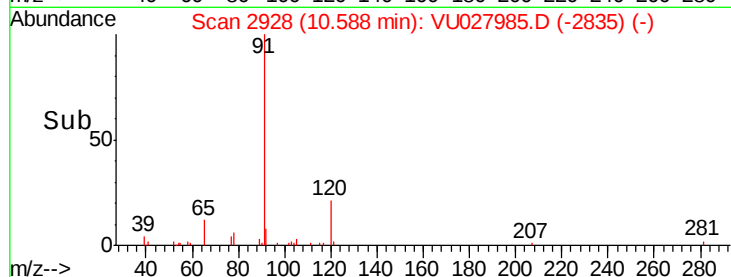
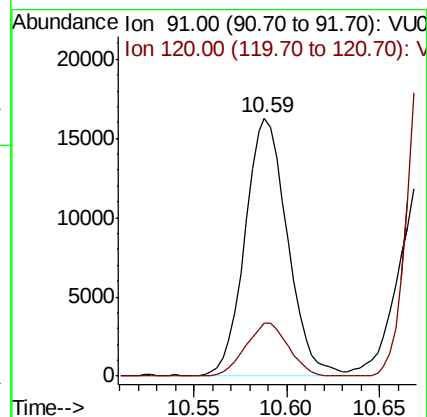
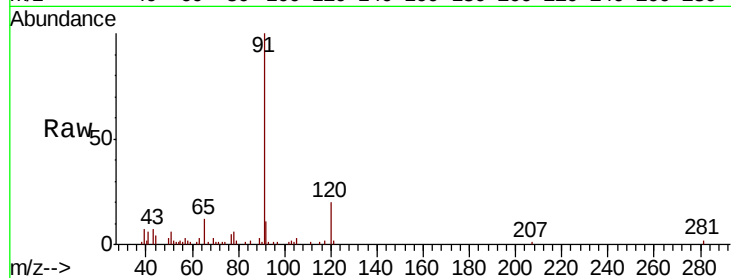
MW-11

Tot Ion: 91 Resp: 26066

Ion Ratio Lower Upper

91 100

120 20.7 10.6 31.8



#80

1,3,5-Trimethylbenzene

Concen: 26.939 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027985.D

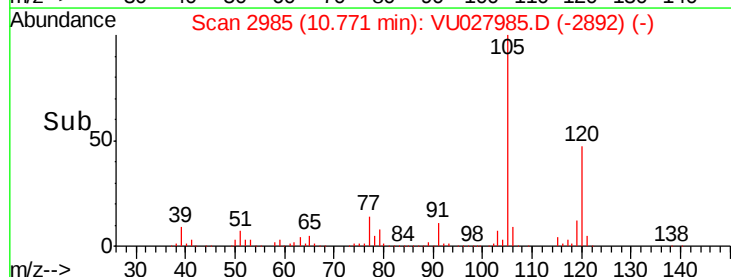
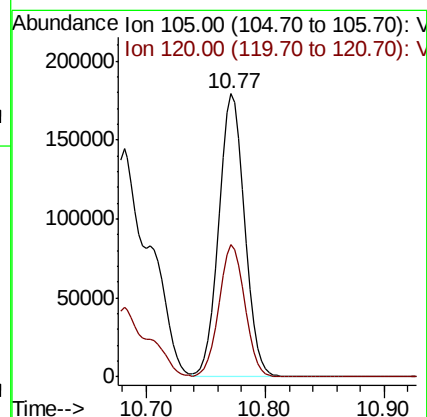
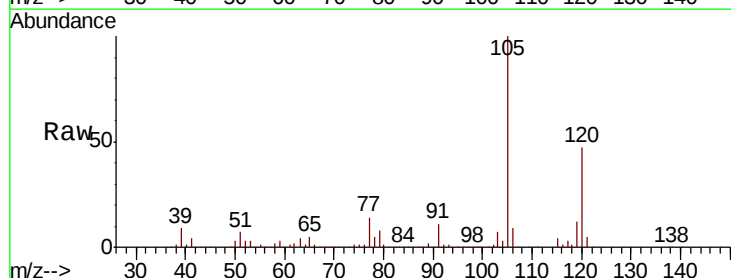
Acq: 06 Nov 2018 14:27

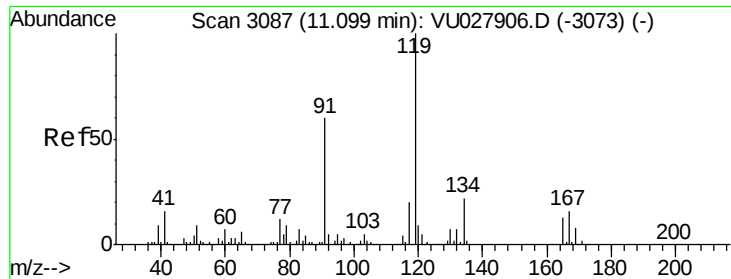
Tgt Ion: 105 Resp: 269476

Ion Ratio Lower Upper

105 100

120 46.6 23.3 69.9

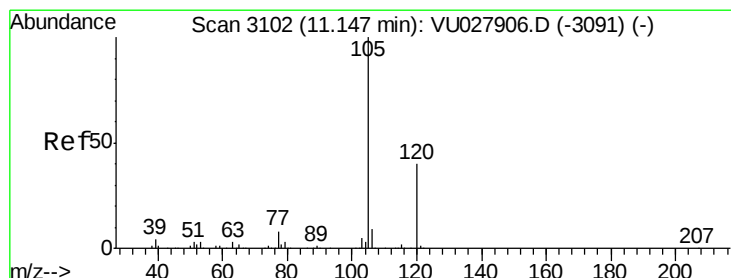
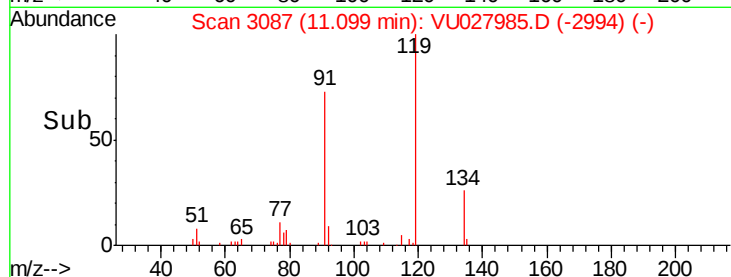
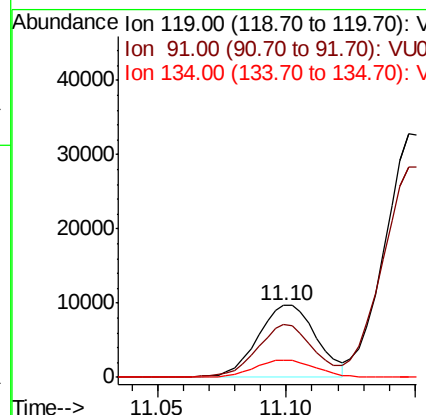
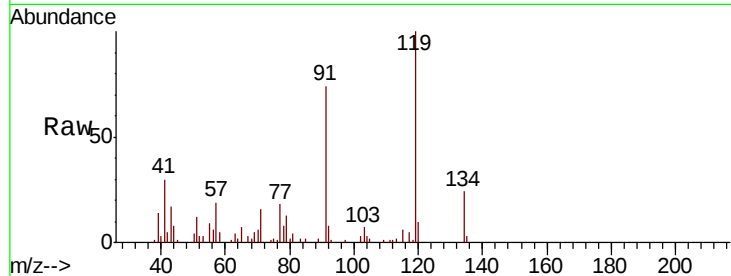




#83
 tert-Butylbenzene
 Concen: 1.541 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU027985.D
 Acq: 06 Nov 2018 14:27

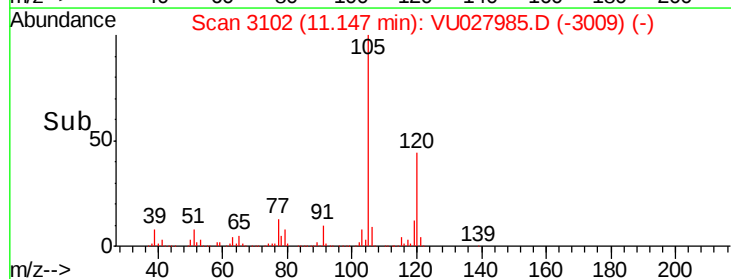
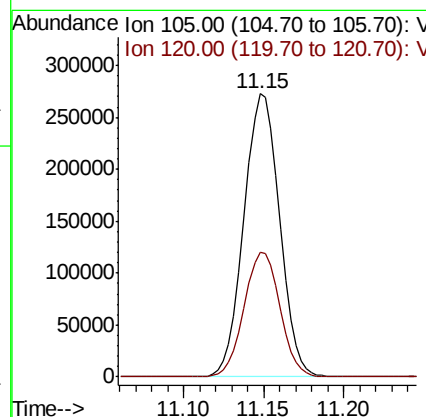
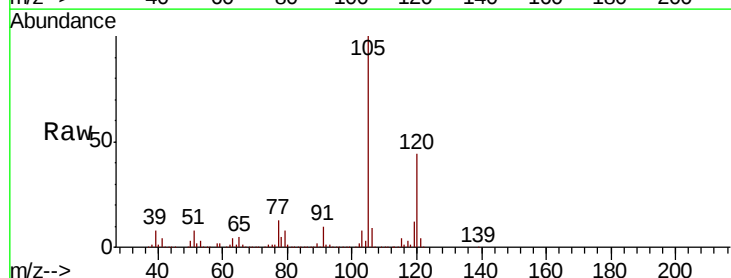
Instrument :
 MSVOA_U
 ClientSampled :
 MW-11

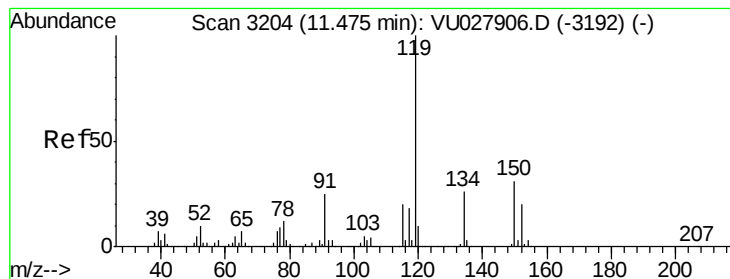
Tot Ion:119 Resp: 15407
 Ion Ratio Lower Upper
 119 100
 91 71.1 29.8 89.3
 134 24.6 11.1 33.1



#84
 1,2,4-Trimethylbenzene
 Concen: 41.194 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027985.D
 Acq: 06 Nov 2018 14:27

Tgt Ion:105 Resp: 414939
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.1





#86

p-Isopropyltoluene

Concen: 2.991 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU027985.D

Acq: 06 Nov 2018 14:27

Instrument :

MSVOA_U

ClientSampled :

MW-11

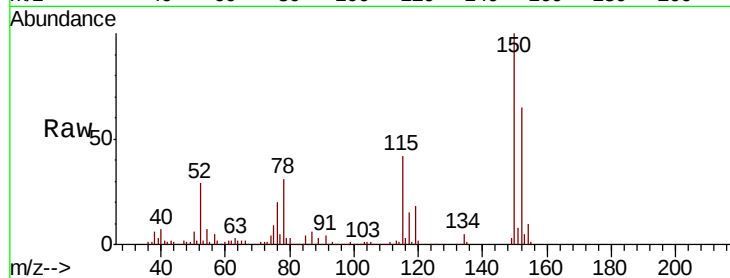
Tot Ion:119 Resp: 30406

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

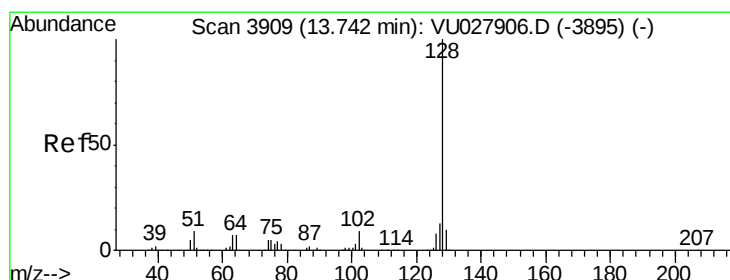
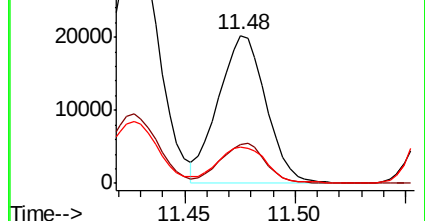
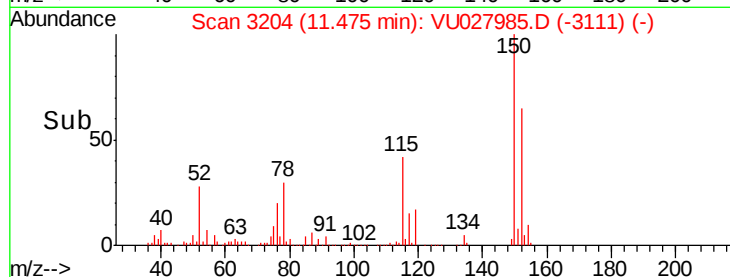
91 25.8 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#95

Naphthalene

Concen: 13.553 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027985.D

Acq: 06 Nov 2018 14:27

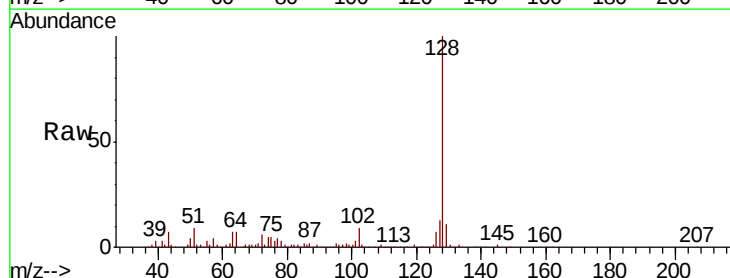
Tgt Ion:128 Resp: 174981

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.3 8.3 12.5



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

