

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110618\
 Data File : VU027988.D
 Acq On : 06 Nov 2018 15:37
 Operator : MD/SY
 Sample : J5822-06DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-11

Quant Time: Nov 06 15:59:45 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	204462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	381731	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	343976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	150099	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	167584	55.13	ug/l	0.00
Spiked Amount			Recovery	=	110.26%	
35) Dibromofluoromethane	4.89	113	122329	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
50) Toluene-d8	7.57	98	492346	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	
62) 4-Bromofluorobenzene	10.31	95	166768	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	

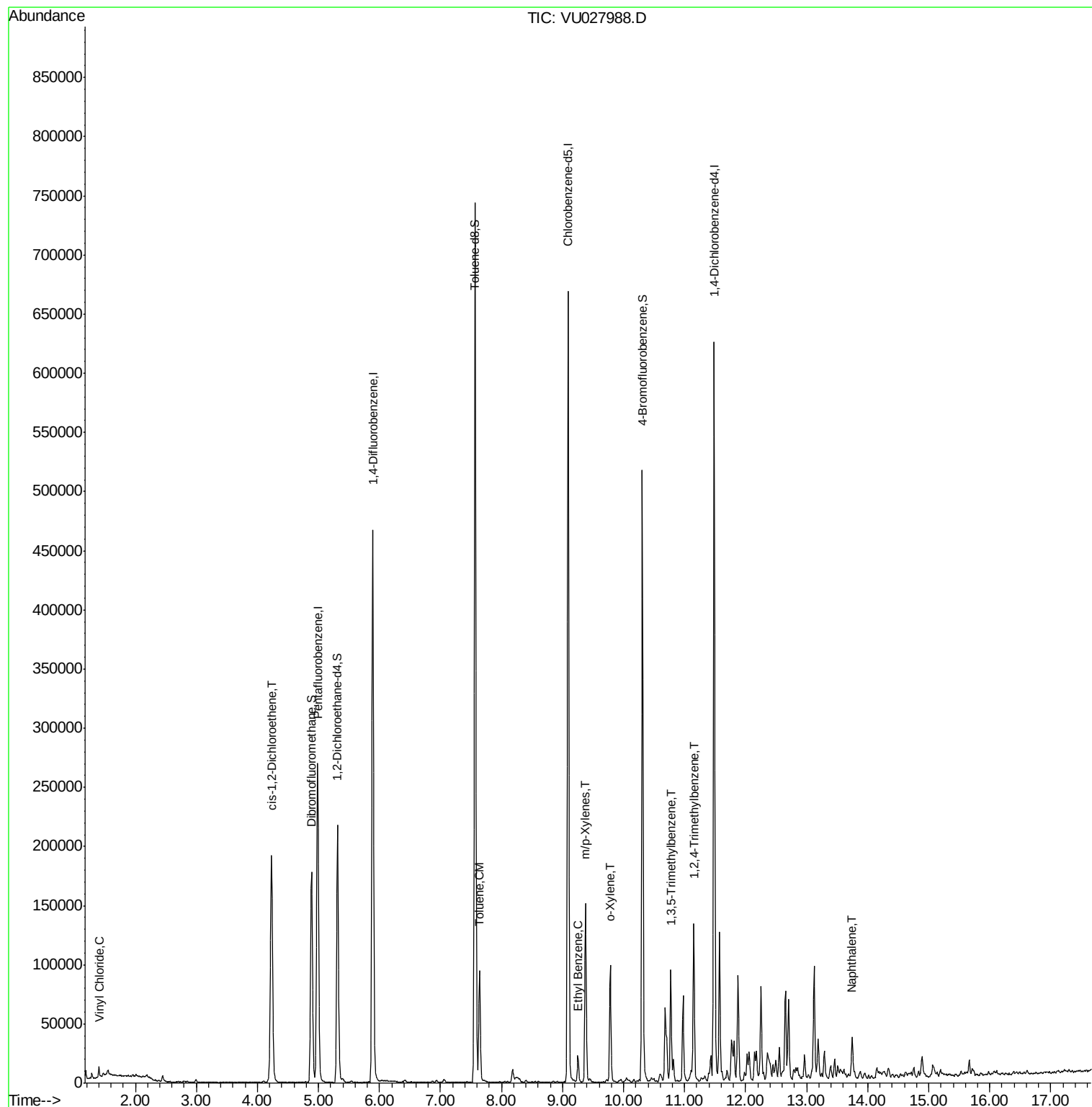
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	4745	1.522	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	104361	37.633	ug/l	89
52) Toluene	7.64	92	38475	5.354	ug/l	99
67) Ethyl Benzene	9.25	91	16109	1.204	ug/l	99
68) m/p-Xylenes	9.38	106	40881	8.423	ug/l	96
69) o-Xylene	9.78	106	25354	5.173	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	49208	5.109	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	71796	7.402	ug/l	98
95) Naphthalene	13.75	128	25228	1.874	ug/l	97

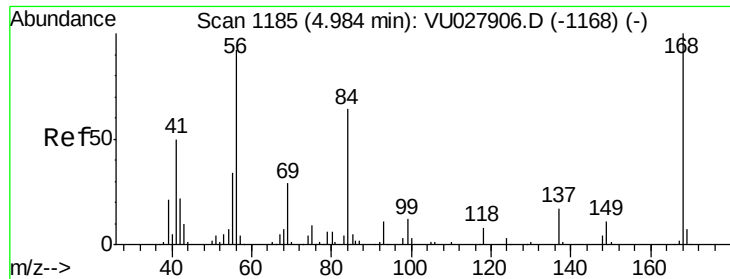
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027988.D

Acq: 06 Nov 2018 15:37

Instrument :

MSVOA_U

ClientSampleId :

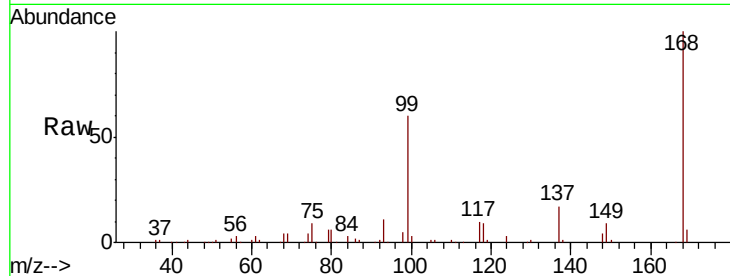
MW-11

Tot Ion:168 Resp: 204462

Ion Ratio Lower Upper

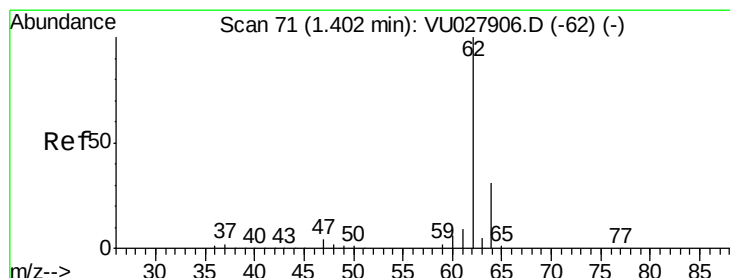
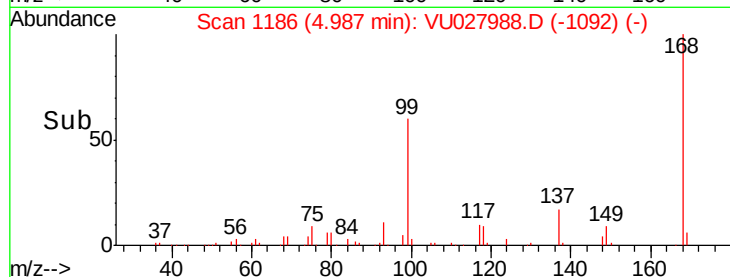
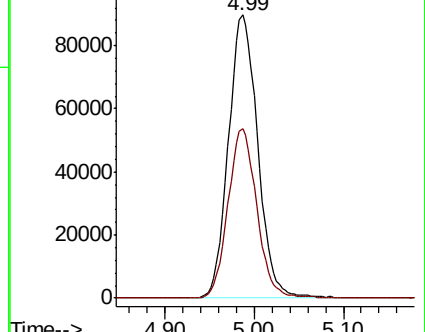
168 100

99 60.0 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU027988.D (-1092) (-)



#4

Vinyl Chloride

Concen: 1.522 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027988.D

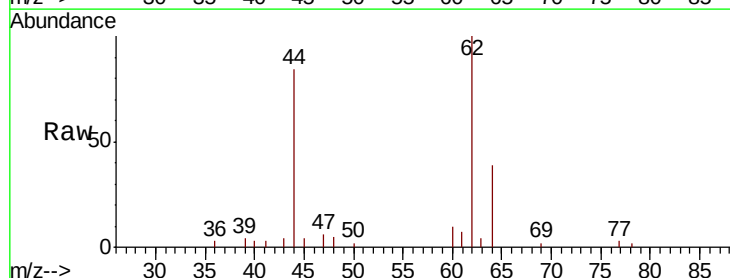
Acq: 06 Nov 2018 15:37

Tgt Ion: 62 Resp: 4745

Ion Ratio Lower Upper

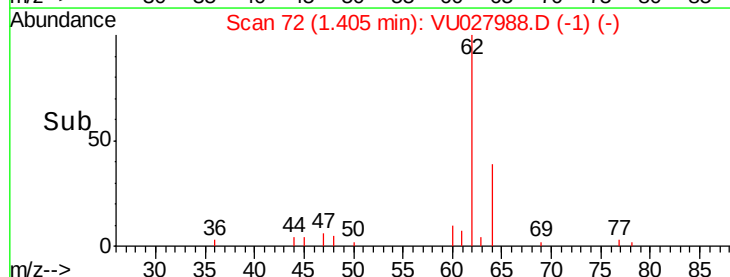
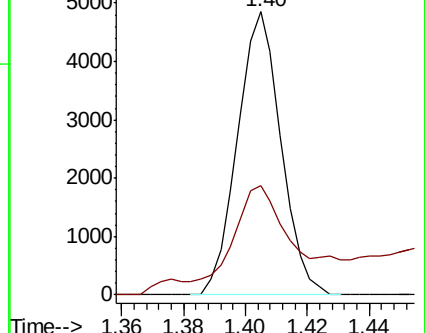
62 100

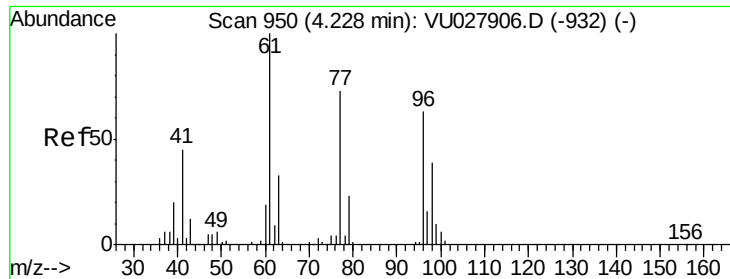
64 34.0 25.2 37.8



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

Ion 63.90 (63.60 to 64.60): VU027988.D (-1) (-)



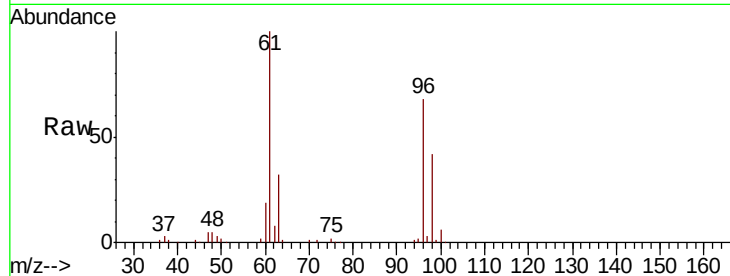


#27

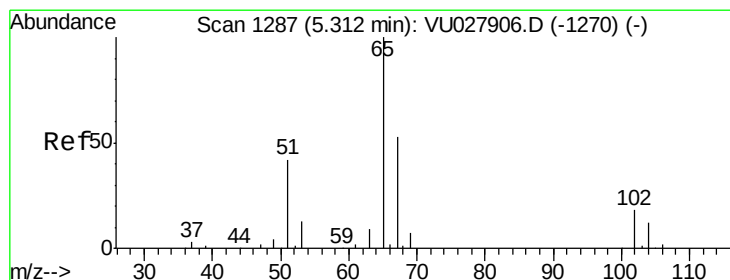
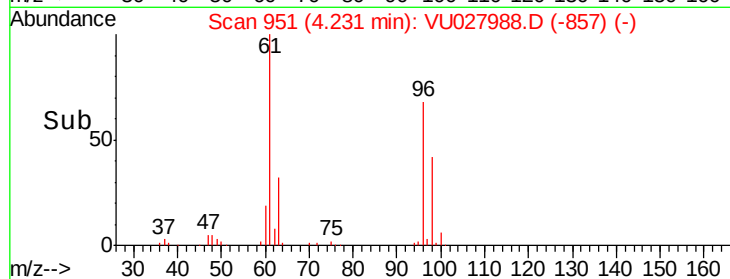
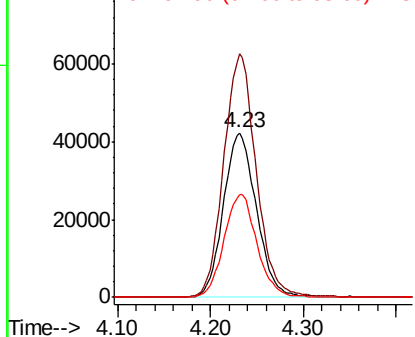
cis-1,2-Dichloroethene
 Concen: 37.633 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027988.D
 Acq: 06 Nov 2018 15:37

Instrument :
 MSVOA_U
 ClientSampled :
 MW-11

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	329.6
98	62.6	0.0	127.2



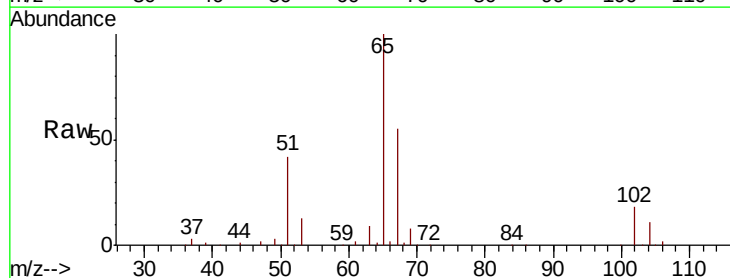
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



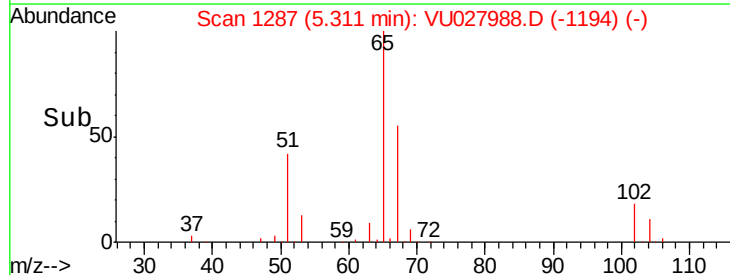
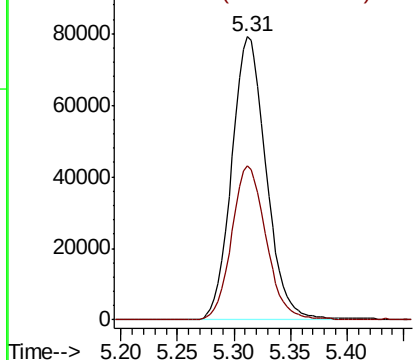
#33

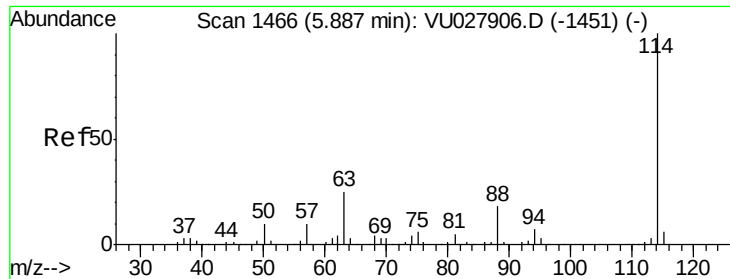
1,2-Dichloroethane-d4
 Concen: 55.129 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027988.D
 Acq: 06 Nov 2018 15:37

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	109.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
 Ion 66.90 (66.60 to 67.60): VU0

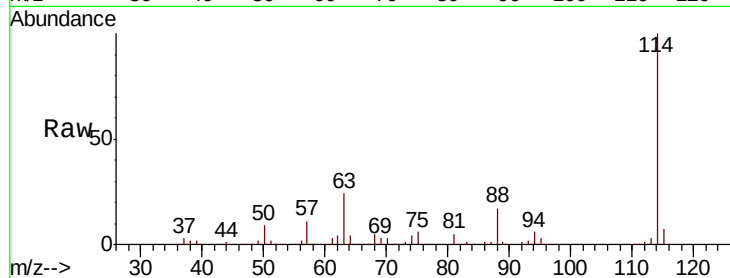




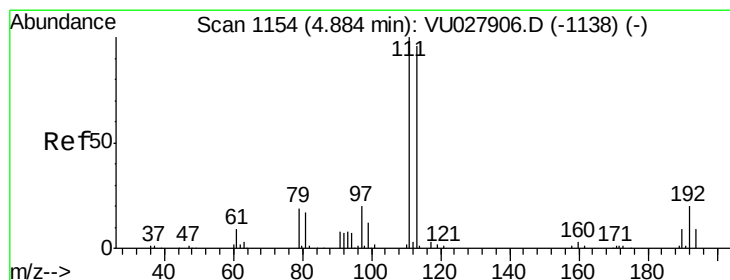
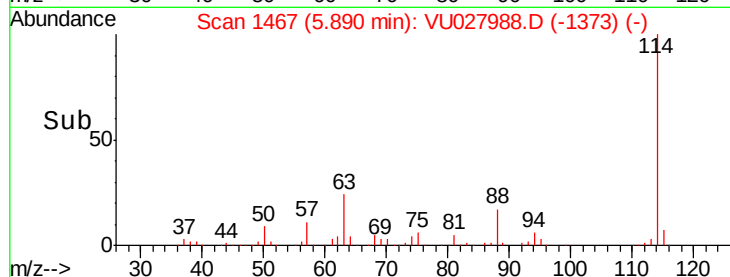
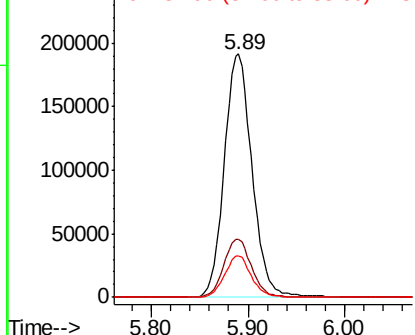
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027988.D
 Acq: 06 Nov 2018 15:37

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-11

Tot Ion:114 Resp: 381731
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 50.8
 88 17.2 0.0 35.8

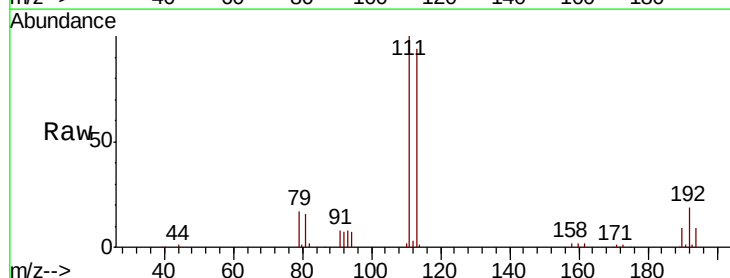


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

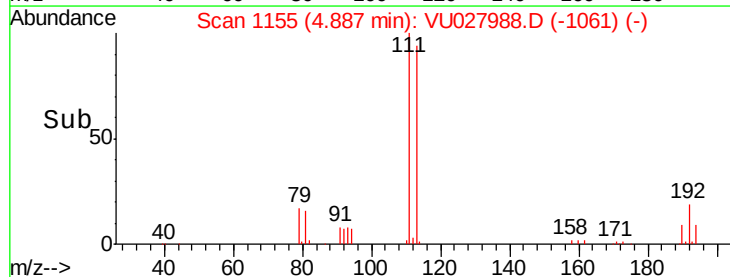
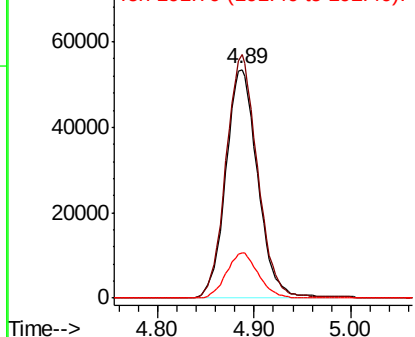


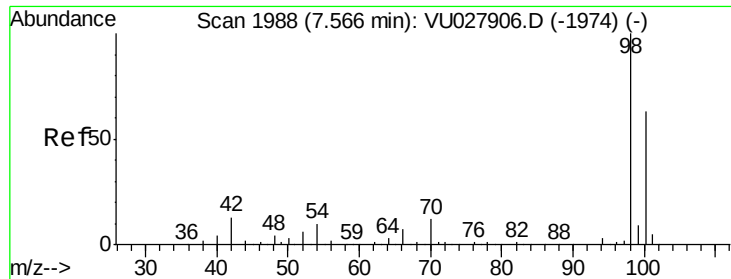
#35
 Dibromofluoromethane
 Concen: 50.825 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027988.D
 Acq: 06 Nov 2018 15:37

Tgt Ion:113 Resp: 122329
 Ion Ratio Lower Upper
 113 100
 111 105.2 83.0 124.6
 192 20.0 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

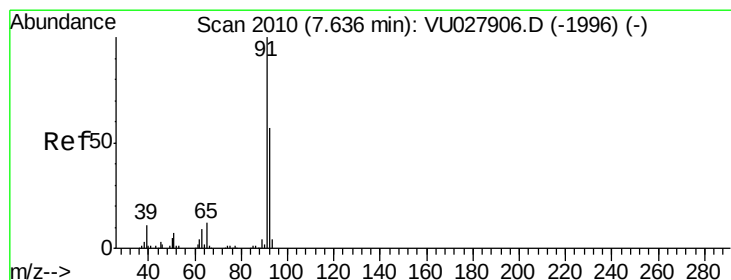
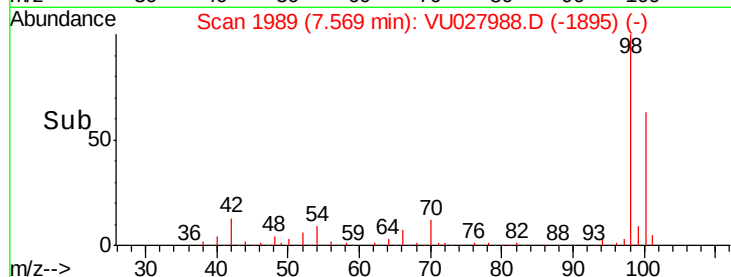
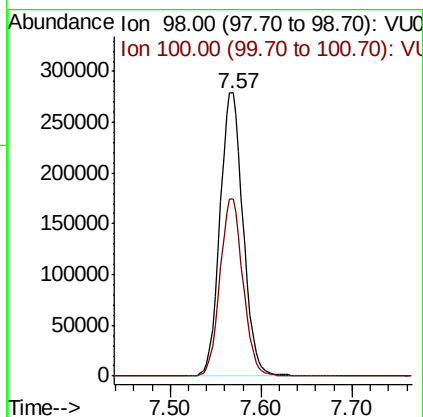
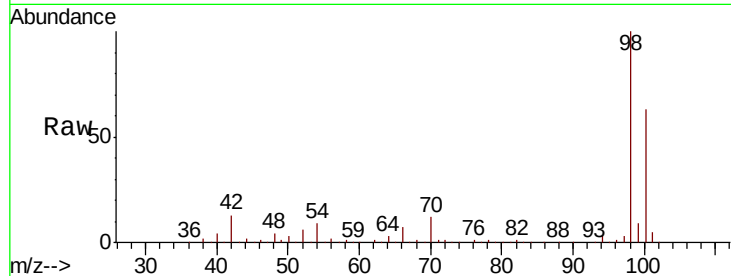




#50
Toluene-d8
Concen: 52.954 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027988.D
Acq: 06 Nov 2018 15:37

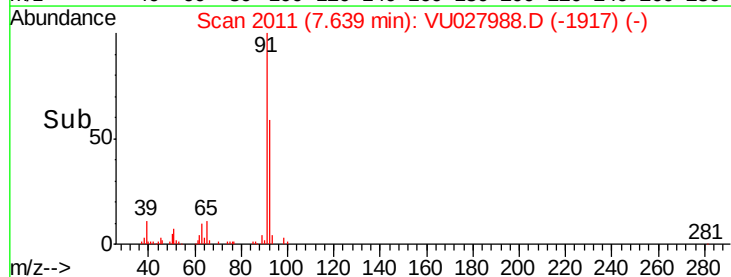
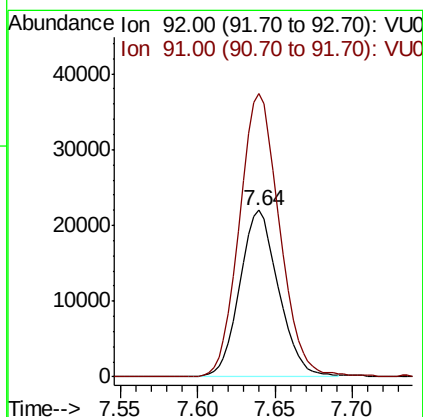
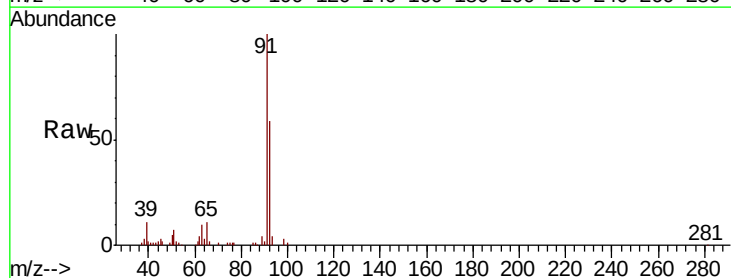
Instrument :
MSVOA_U
ClientSampleId :
MW-11

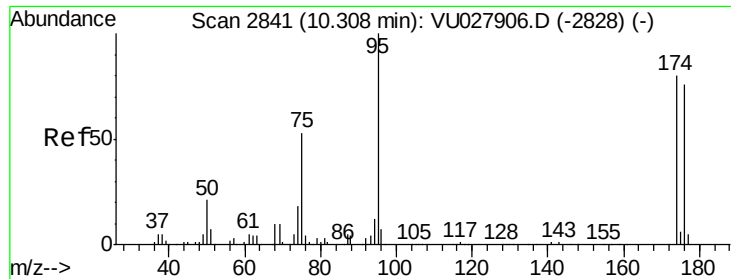
Tot Ion: 98 Resp: 492346
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#52
Toluene
Concen: 5.354 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027988.D
Acq: 06 Nov 2018 15:37

Tgt Ion: 92 Resp: 38475
Ion Ratio Lower Upper
92 100
91 175.7 141.2 211.8

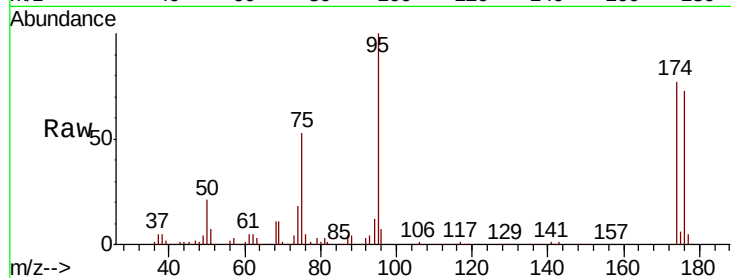




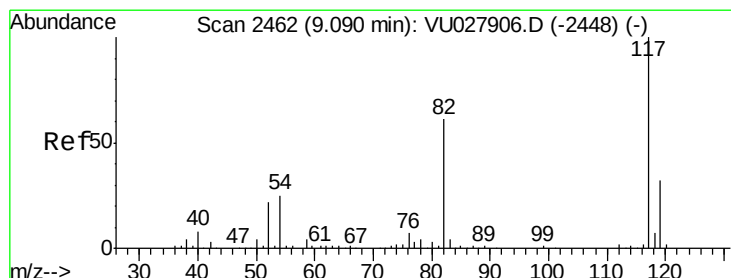
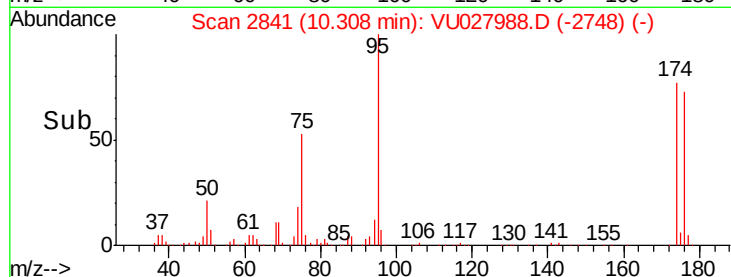
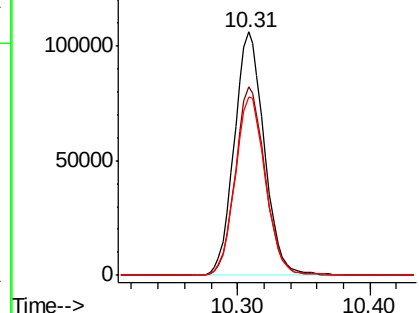
#62
 4-Bromofluorobenzene
 Concen: 48.630 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027988.D
 Acq: 06 Nov 2018 15:37

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-11

Tot Ion: 95 Resp: 166768
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 156.4
 176 74.2 0.0 150.8

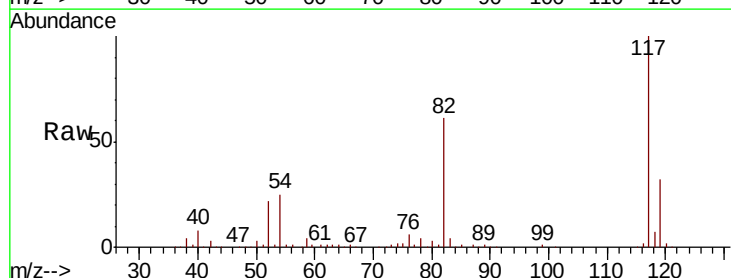


Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)
 Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)
 Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

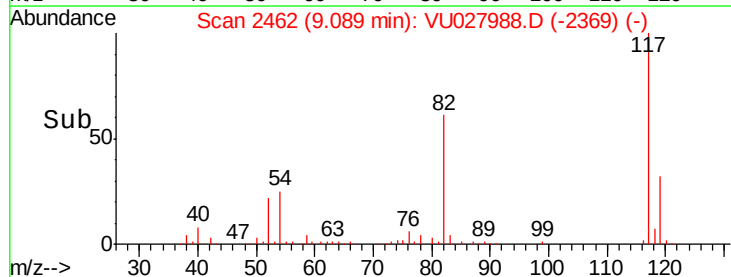
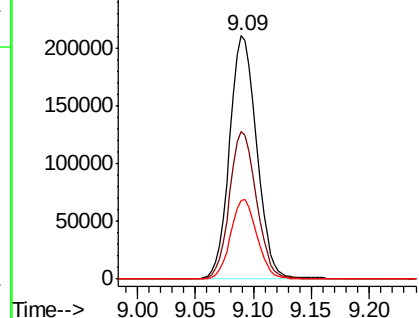


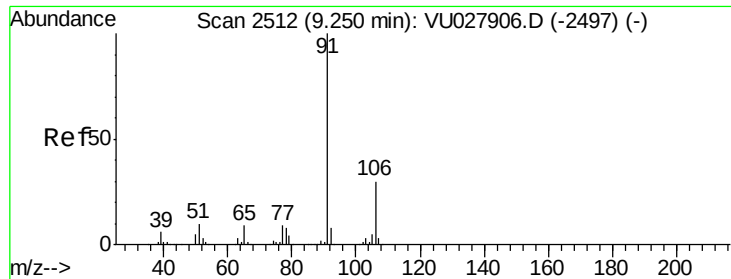
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU027988.D
 Acq: 06 Nov 2018 15:37

Tgt Ion: 117 Resp: 343976
 Ion Ratio Lower Upper
 117 100
 82 60.9 48.6 73.0
 119 32.4 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) (-)

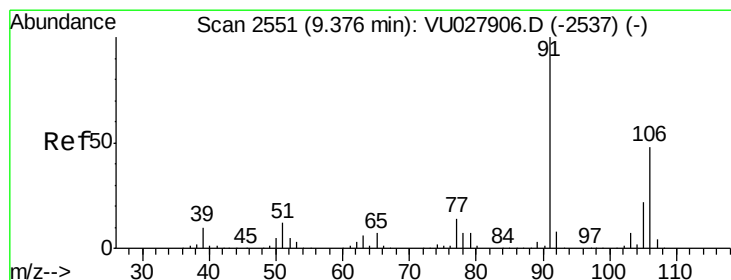
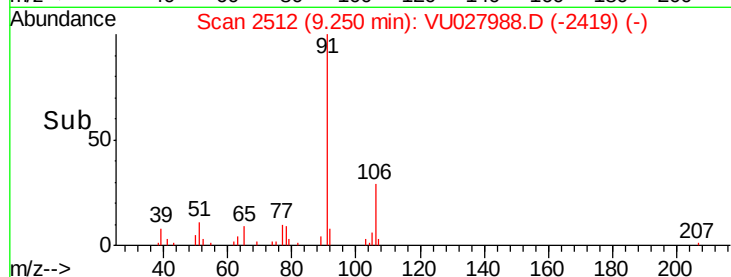
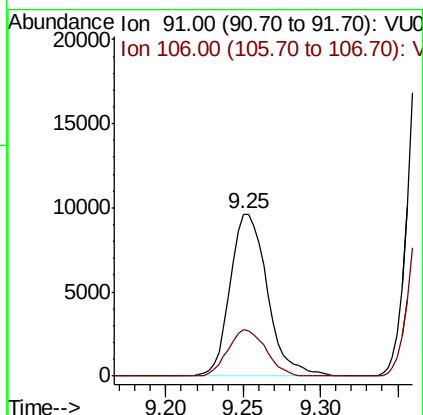
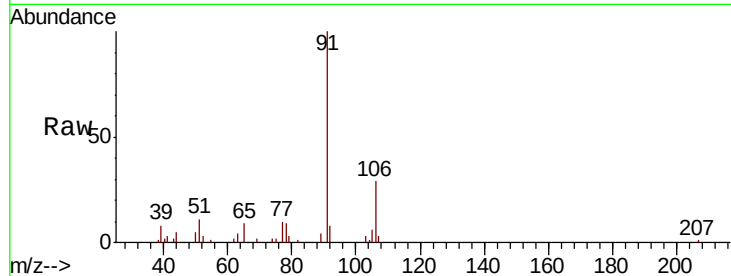




#67
Ethyl Benzene
Concen: 1.204 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027988.D
Acq: 06 Nov 2018 15:37

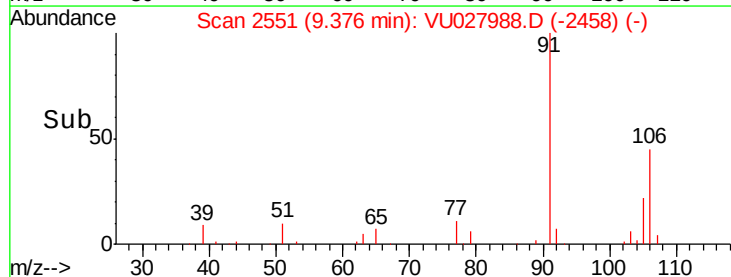
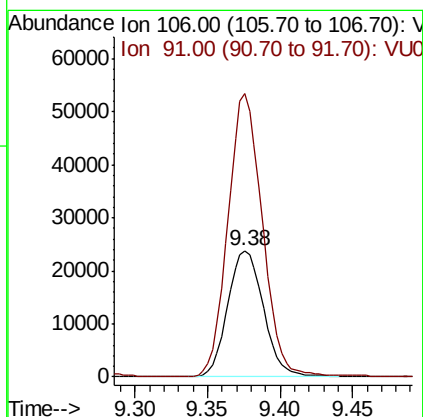
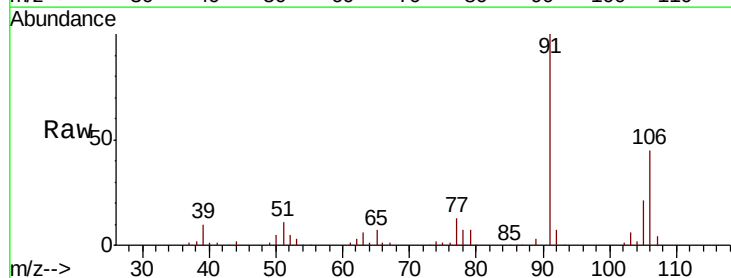
Instrument :
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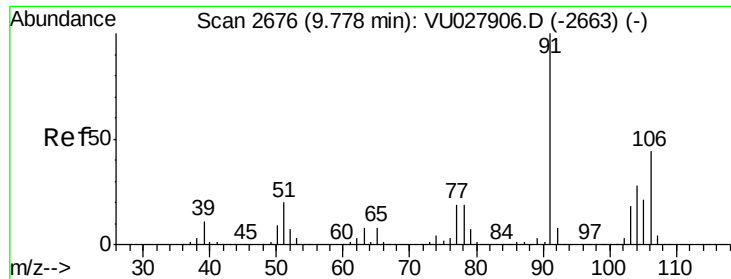
Tot Ion: 91 Resp: 16109
Ion Ratio Lower Upper
91 100
106 29.0 23.6 35.4



#68
m/p-Xylenes
Concen: 8.423 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027988.D
Acq: 06 Nov 2018 15:37

Tgt Ion: 106 Resp: 40881
Ion Ratio Lower Upper
106 100
91 215.8 168.2 252.4

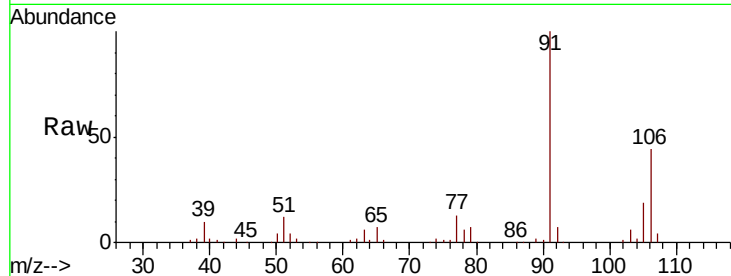




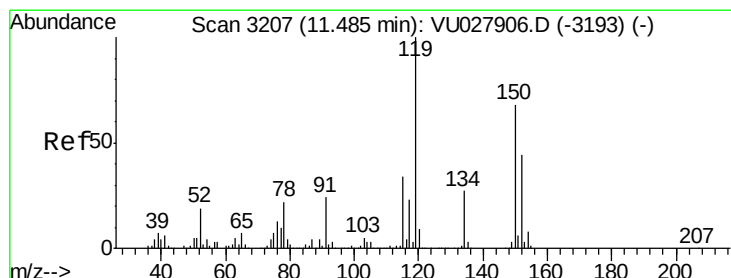
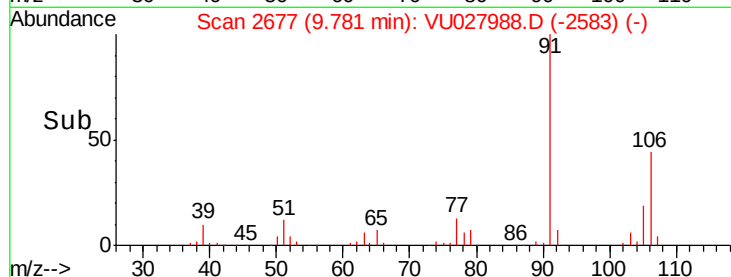
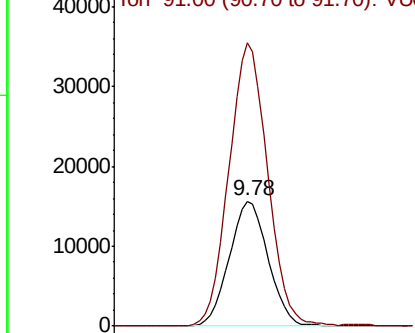
#69
o-Xylene
Concen: 5.173 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027988.D
Acq: 06 Nov 2018 15:37

Instrument :
MSVOA_U
ClientSampled :
MW-11

Tot Ion:106 Resp: 25354
Ion Ratio Lower Upper
106 100
91 225.8 111.1 333.4

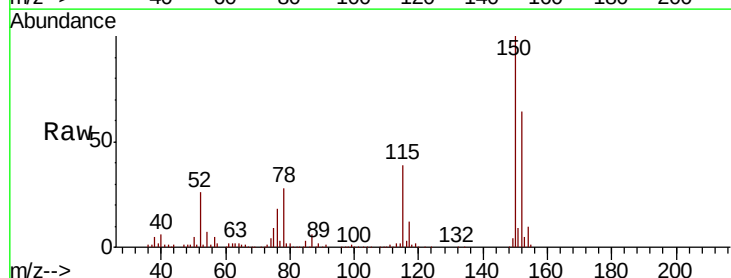


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

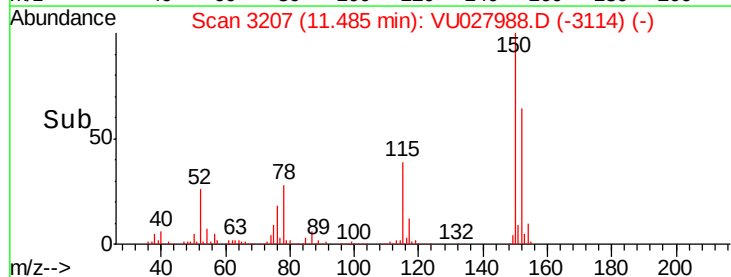
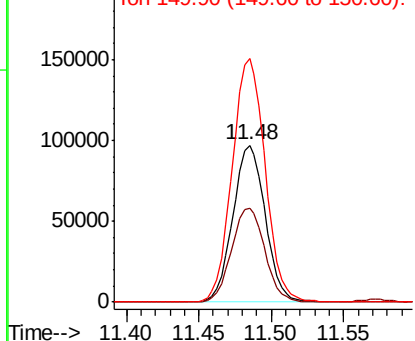


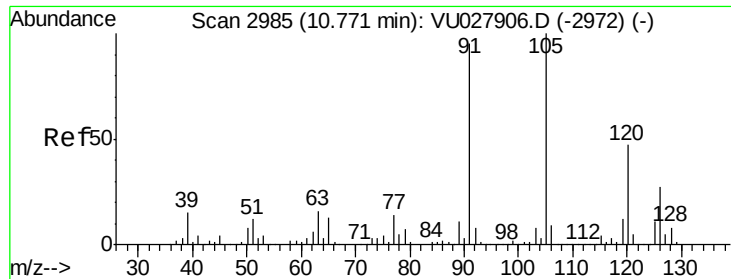
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027988.D
Acq: 06 Nov 2018 15:37

Tgt Ion:152 Resp: 150099
Ion Ratio Lower Upper
152 100
115 61.1 43.0 129.0
150 158.1 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





#80

1,3,5-Trimethylbenzene

Concen: 5.109 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027988.D

Acq: 06 Nov 2018 15:37

Instrument :

MSVOA_U

ClientSampled :

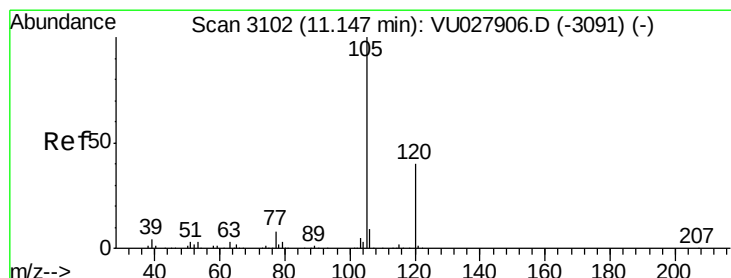
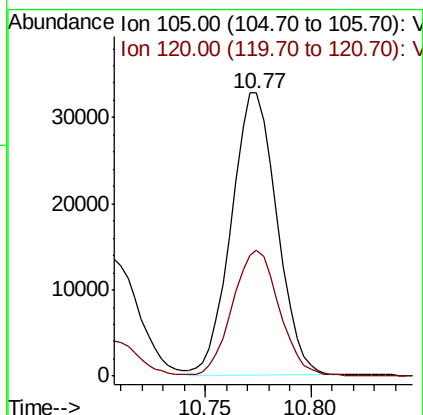
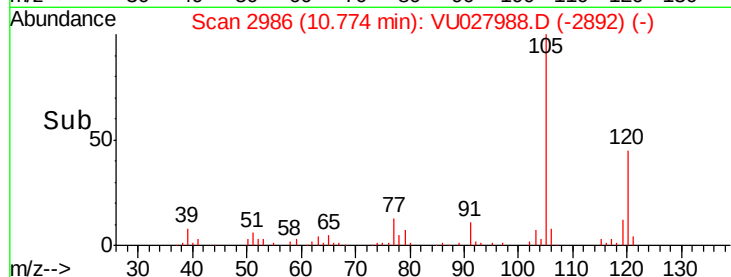
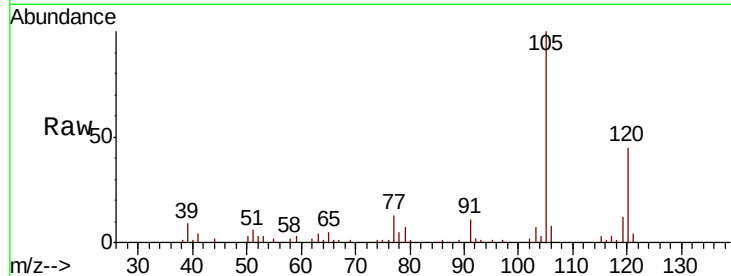
MW-11

Tot Ion:105 Resp: 49208

Ion Ratio Lower Upper

105 100

120 45.9 23.3 69.9



#84

1,2,4-Trimethylbenzene

Concen: 7.402 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027988.D

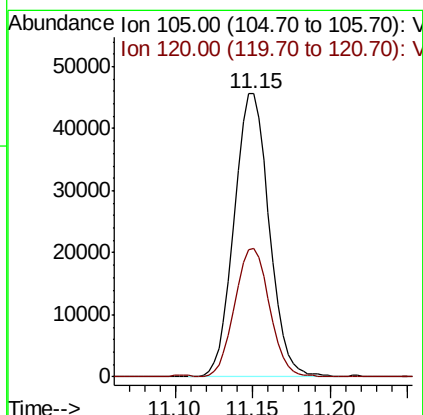
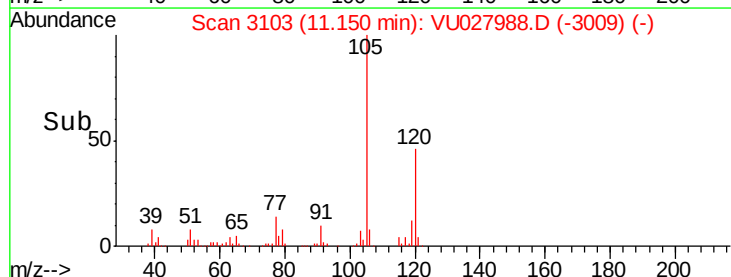
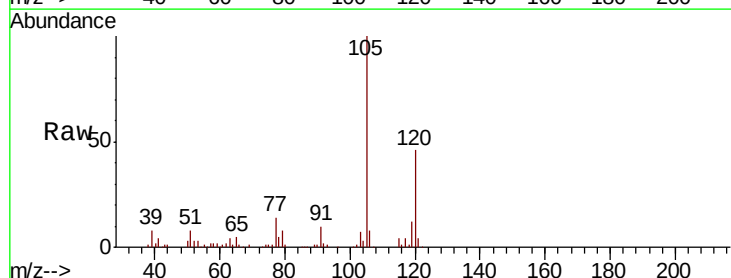
Acq: 06 Nov 2018 15:37

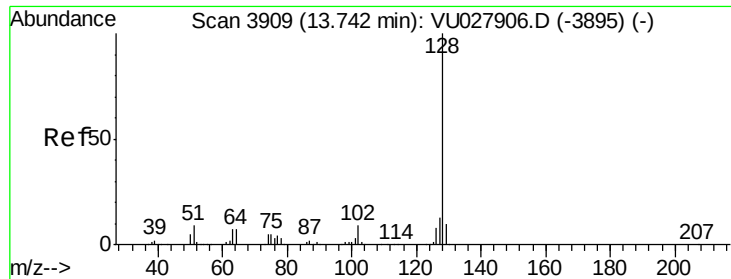
Tgt Ion:105 Resp: 71796

Ion Ratio Lower Upper

105 100

120 45.3 22.1 66.1

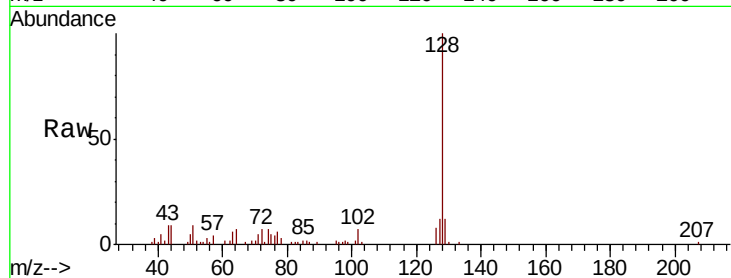




#95
Naphthalene
Concen: 1.874 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027988.D
Acq: 06 Nov 2018 15:37

Instrument :
MSVOA_U
ClientSampleId :
MW-11

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	12.5	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

