

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
 Data File : VU027474.D
 Acq On : 05 Oct 2018 23:26
 Operator : MD/SY
 Sample : J5268-05 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12

Quant Time: Oct 06 02:26:55 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	111564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	188230	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	179248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	103817	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	104468	56.08	ug/l	0.00
Spiked Amount			Recovery	=	112.16%	
35) Dibromofluoromethane	4.88	113	73569	57.03	ug/l	0.00
Spiked Amount			Recovery	=	114.06%	
50) Toluene-d8	7.57	98	287258	59.50	ug/l	0.00
Spiked Amount			Recovery	=	119.00%	
62) 4-Bromofluorobenzene	10.31	95	108228	60.32	ug/l	0.00
Spiked Amount			Recovery	=	120.64%	

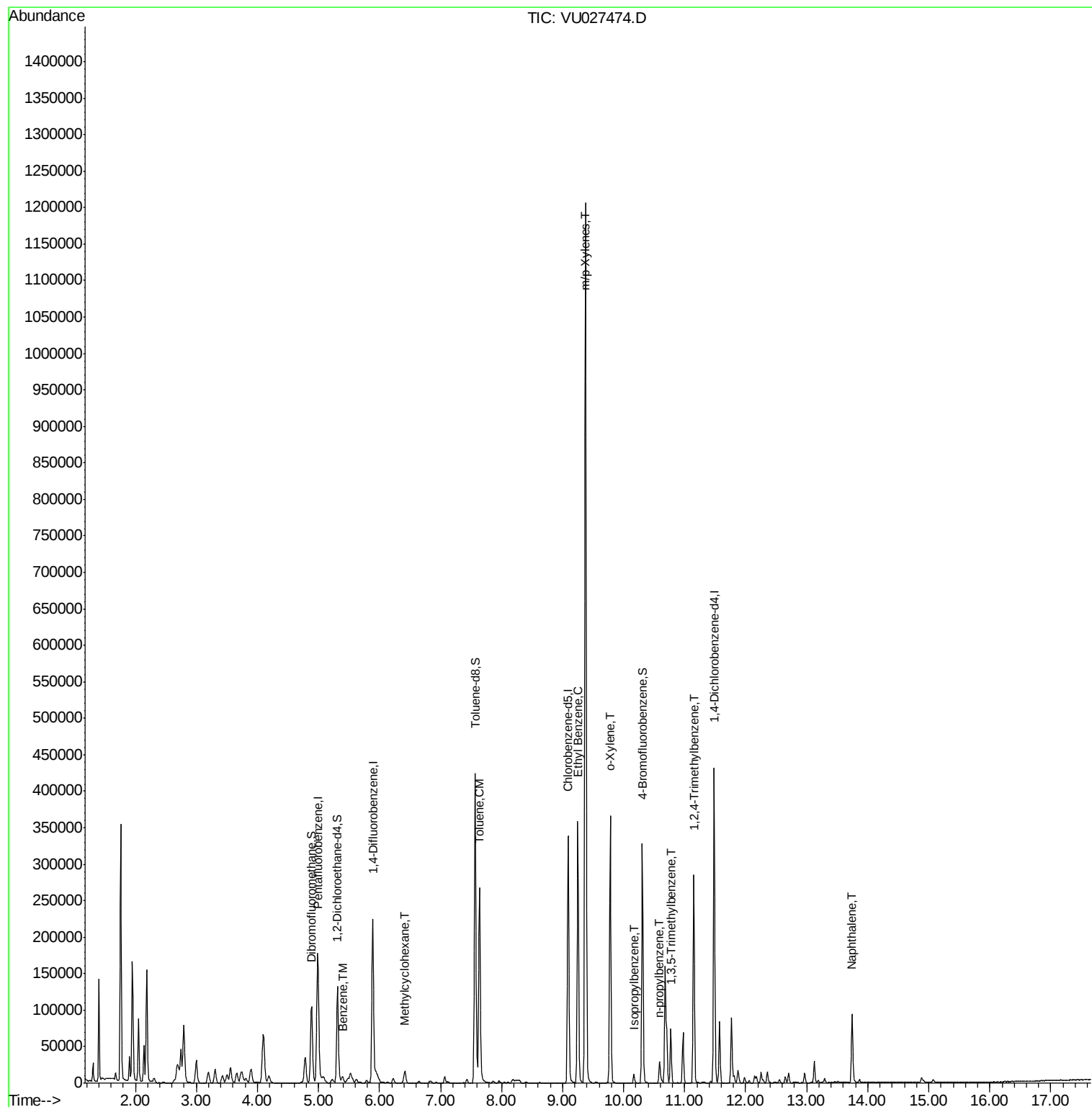
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	6.42	83	6528	2.732	ug/l	97
40) Benzene	5.39	78	7205	1.210	ug/l	95
52) Toluene	7.64	92	115051	32.651	ug/l	99
67) Ethyl Benzene	9.25	91	252014	37.700	ug/l	100
68) m/p-Xylenes	9.38	106	329961	134.943	ug/l	100
69) o-Xylene	9.78	106	93207	40.113	ug/l	99
73) Isopropylbenzene	10.17	105	8243	1.093	ug/l	97
78) n-propylbenzene	10.59	91	22283	2.459	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	41049	6.687	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	152547	24.327	ug/l	99
95) Naphthalene	13.75	128	76882	11.130	ug/l	99

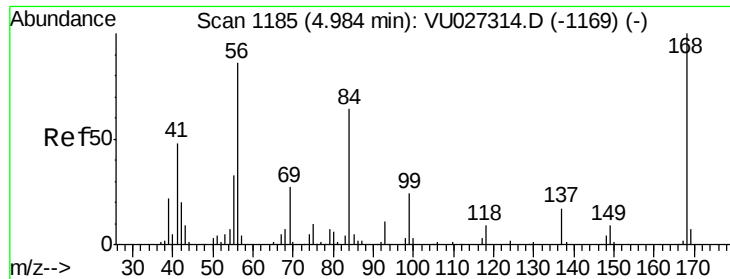
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100618\
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Quant Time: Oct 06 02:26:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
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: VU027474.D

Acq: 05 Oct 2018 23:26

Instrument :

MSVOA_U

ClientSampled :

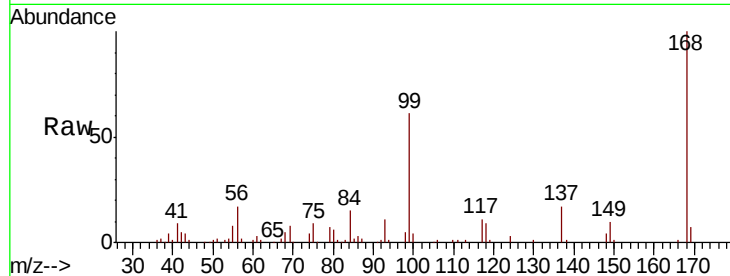
MW-12

Tot Ion:168 Resp: 111564

Ion Ratio Lower Upper

168 100

99 61.3 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027474.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027474.D (-1169) (-)

4.99

50000

40000

30000

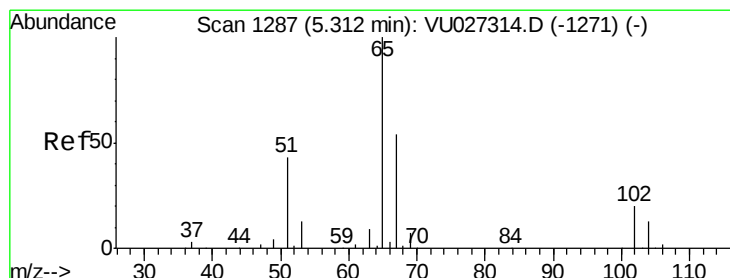
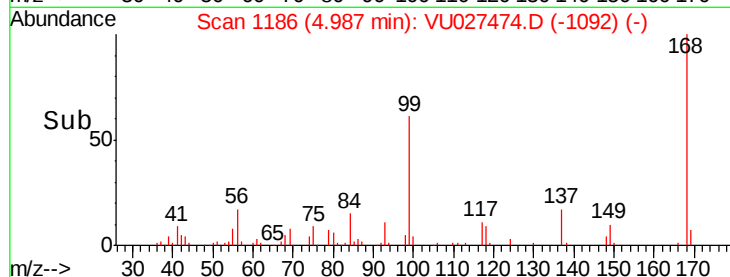
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.077 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027474.D

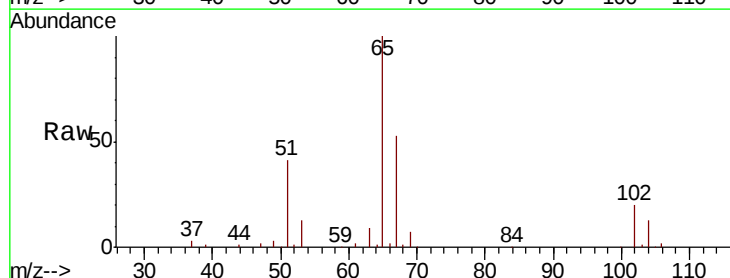
Acq: 05 Oct 2018 23:26

Tgt Ion: 65 Resp: 104468

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027474.D (-1194) (-)

Ion 66.90 (66.60 to 67.60): VU027474.D (-1194) (-)

5.31

50000

40000

30000

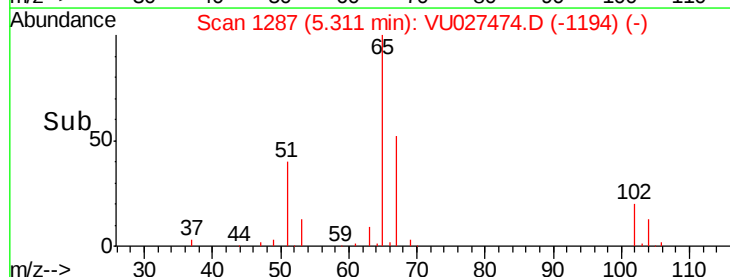
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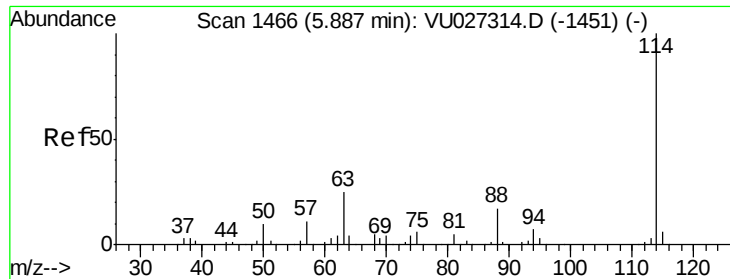
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0

5.20 5.30 5.40

Time-->

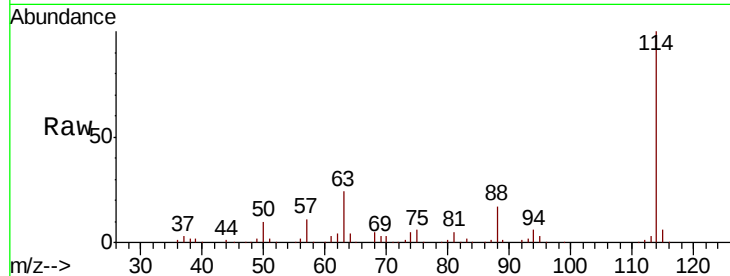




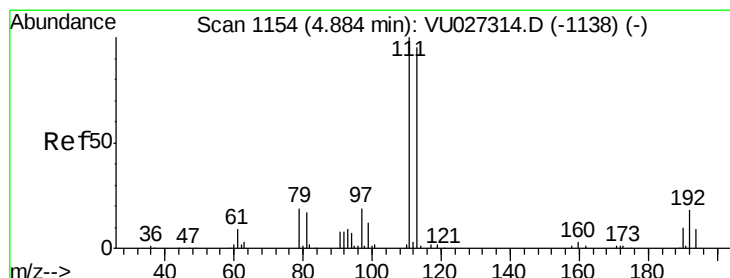
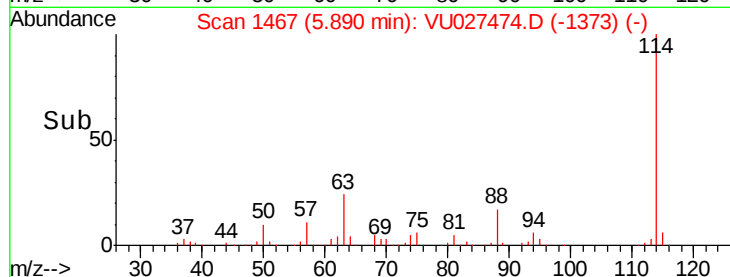
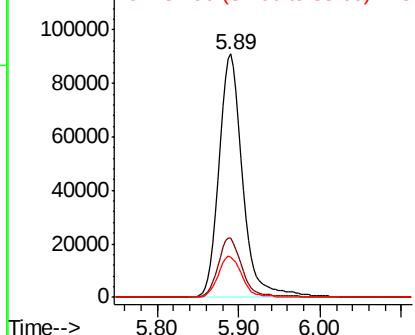
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027474.D
 Acq: 05 Oct 2018 23:26

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12

Tot Ion:114 Resp: 188230
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.2
 88 16.5 0.0 33.8

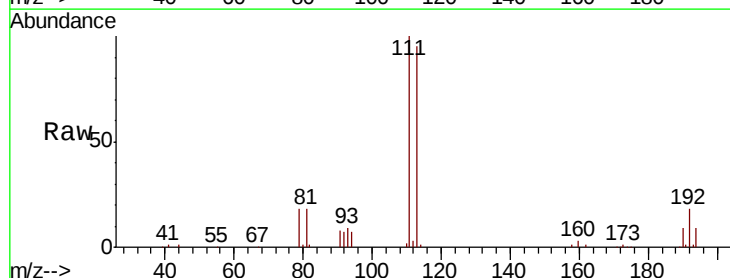


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

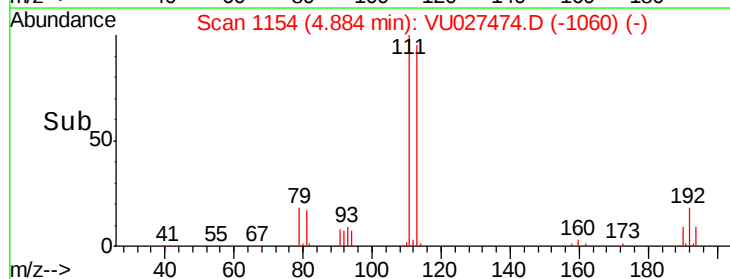
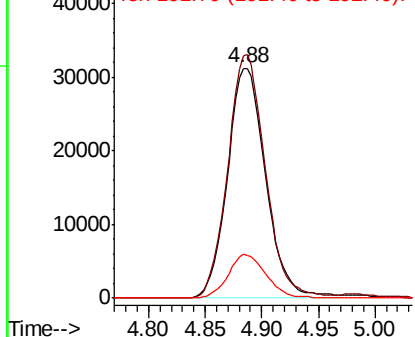


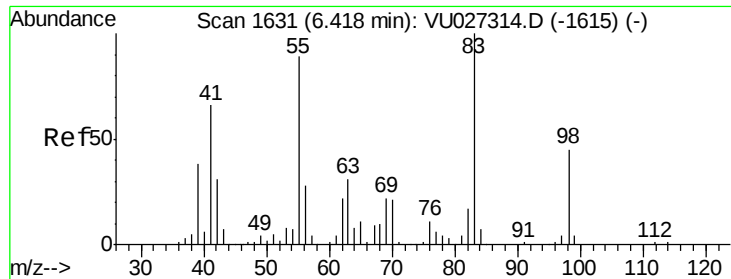
#35
 Dibromofluoromethane
 Concen: 57.030 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027474.D
 Acq: 05 Oct 2018 23:26

Tgt Ion:113 Resp: 73569
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.1 124.7
 192 18.7 15.4 23.0



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

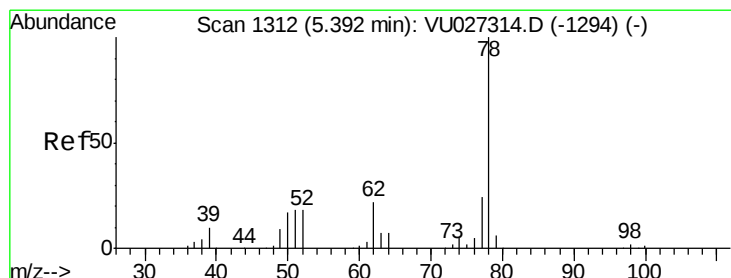
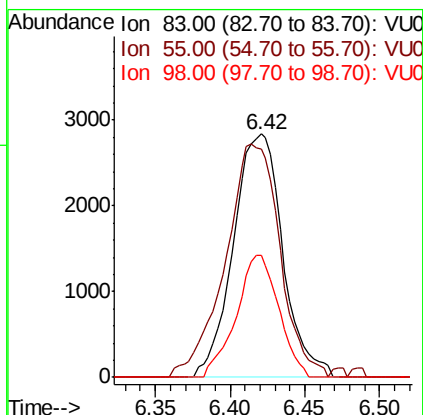
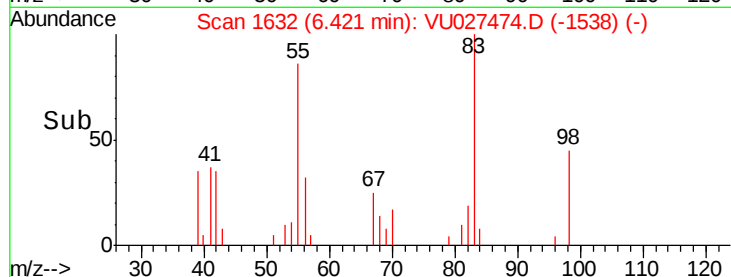
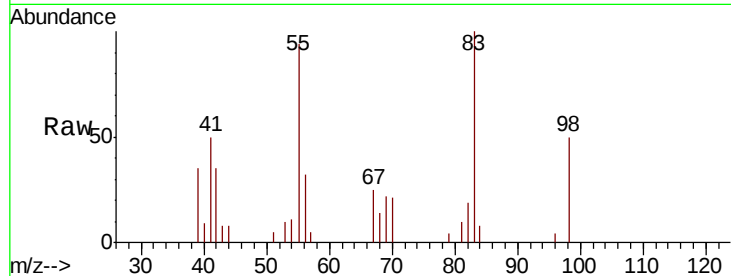




#39
Methvlcvclohexane
Concen: 2.732 ug/l
RT: 6.42 min Scan# 1632
Delta R.T. 0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

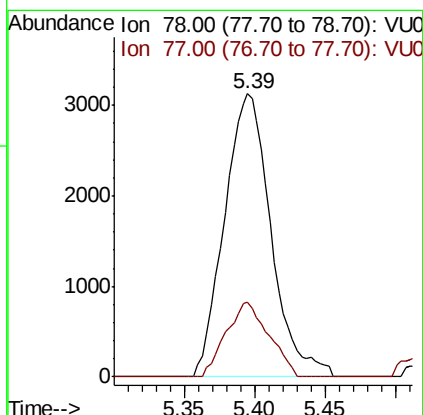
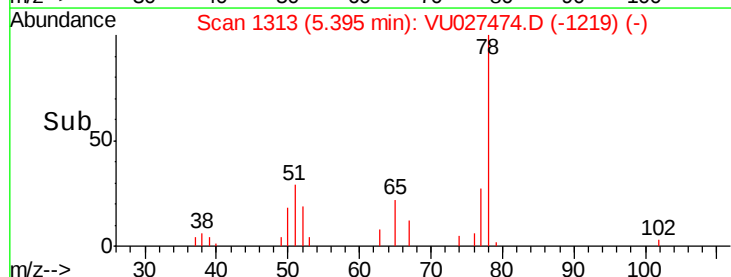
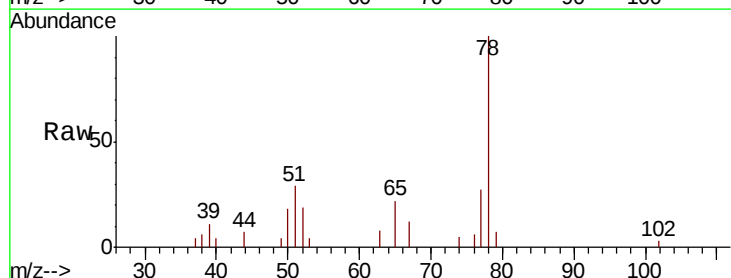
Instrument :
MSVOA_U
ClientSampleId :
MW-12

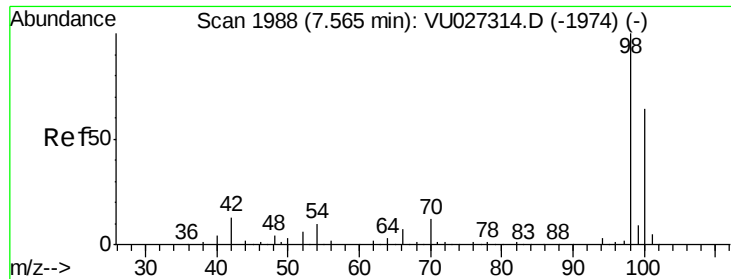
Tot Ion: 83 Resp: 6528
Ion Ratio Lower Upper
83 100
55 89.8 71.1 106.7
98 50.0 36.3 54.5



#40
Benzene
Concen: 1.210 ug/l
RT: 5.39 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Tgt Ion: 78 Resp: 7205
Ion Ratio Lower Upper
78 100
77 26.5 19.3 28.9

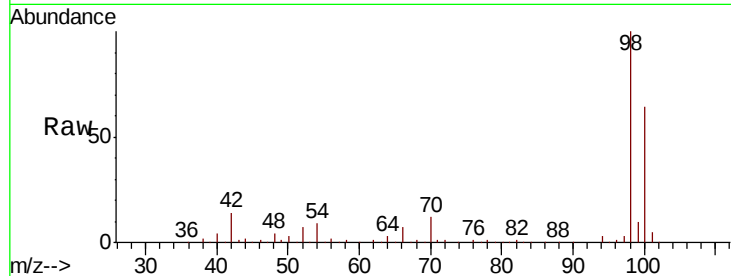




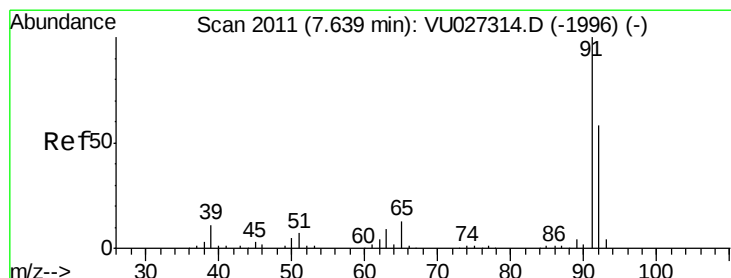
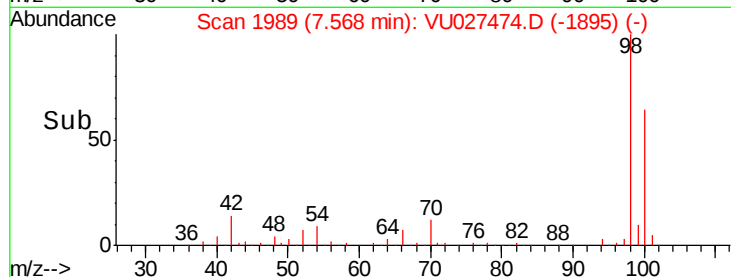
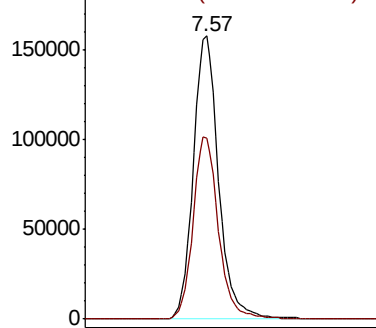
#50
Toluene-d8
Concen: 59.498 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
MW-12

Tot Ion: 98 Resp: 287258
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

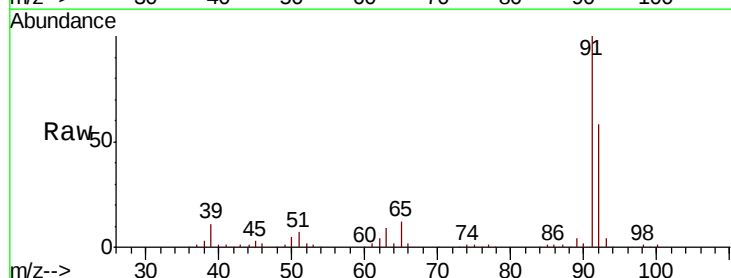


Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

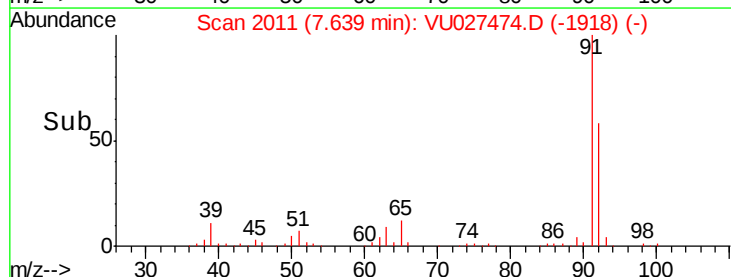
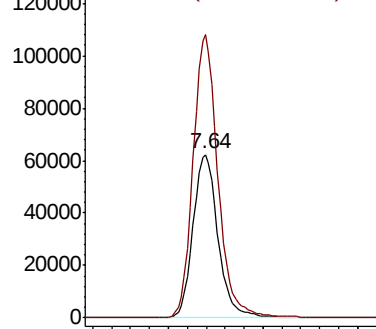


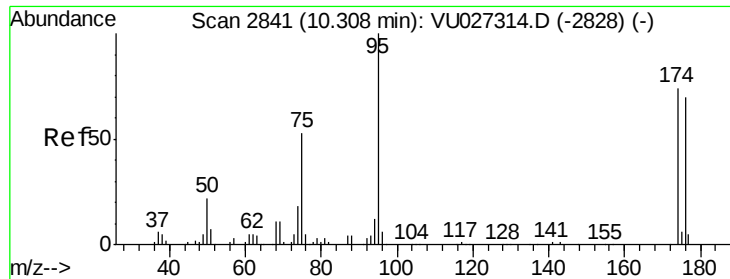
#52
Toluene
Concen: 32.651 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Tgt Ion: 92 Resp: 115051
Ion Ratio Lower Upper
92 100
91 171.9 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0
Ion 91.00 (90.70 to 91.70): VU0





#62

4-Bromofluorobenzene

Concen: 60.318 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

Instrument :

MSVOA_U

ClientSampled :

MW-12

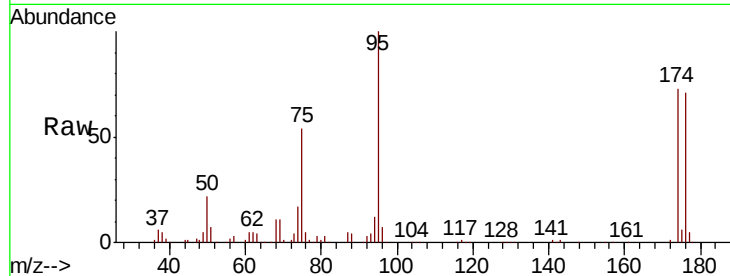
Tot Ion: 95 Resp: 108228

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.8

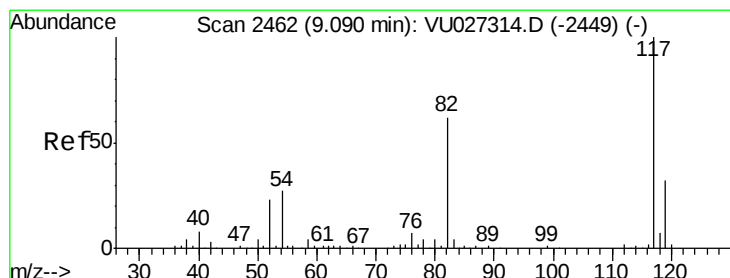
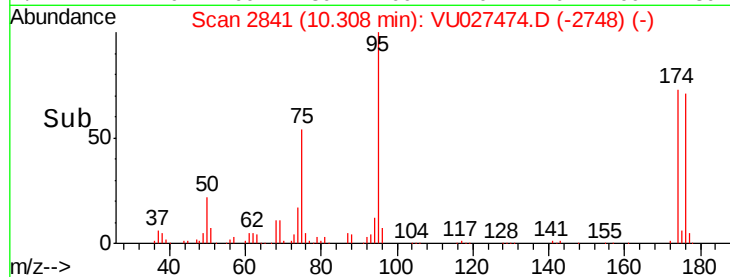
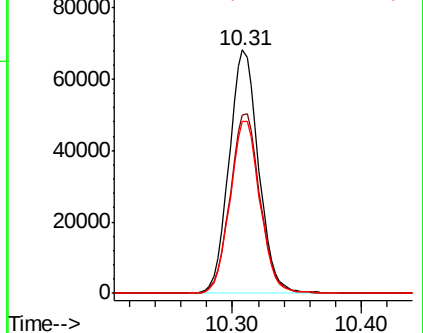
176 71.8 0.0 140.8



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# 2463

Delta R.T. 0.00 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

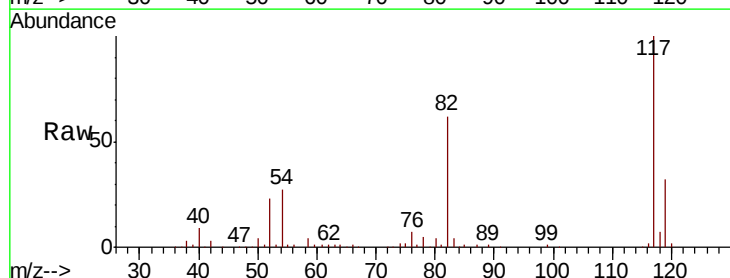
Tgt Ion: 117 Resp: 179248

Ion Ratio Lower Upper

117 100

82 61.8 49.2 73.8

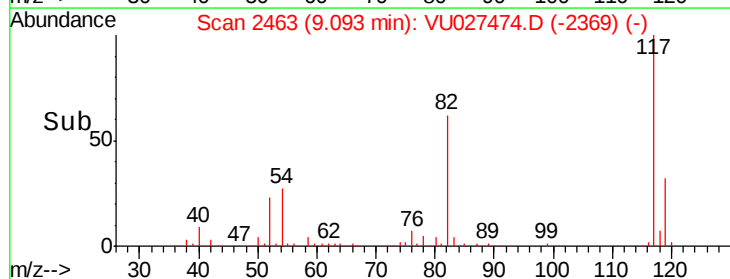
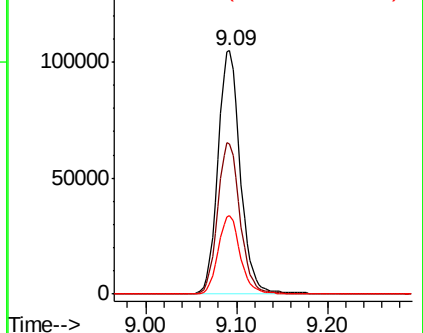
119 32.4 25.7 38.5

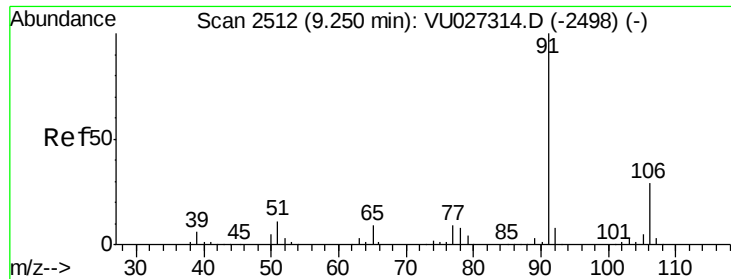


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

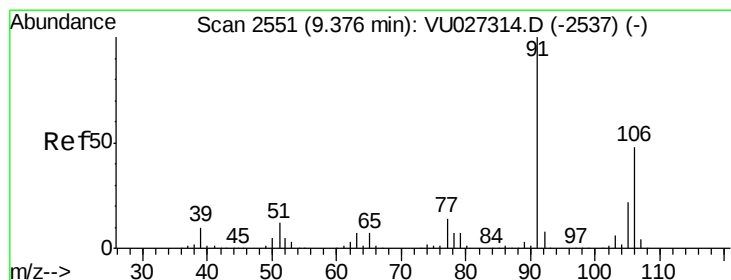
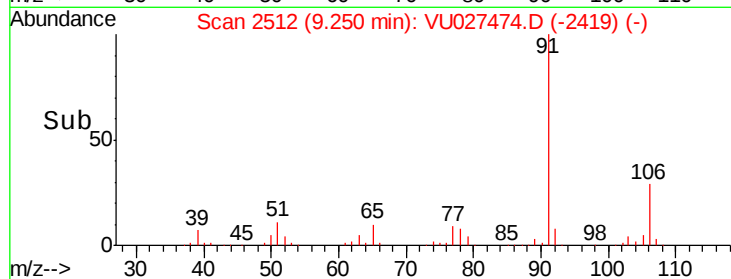
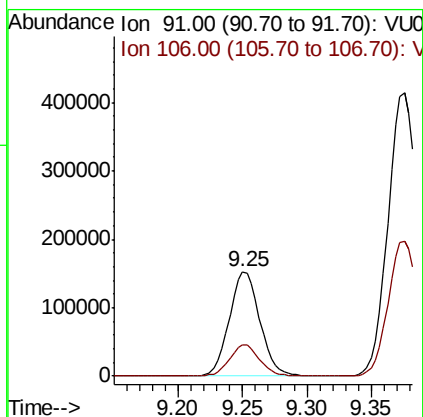
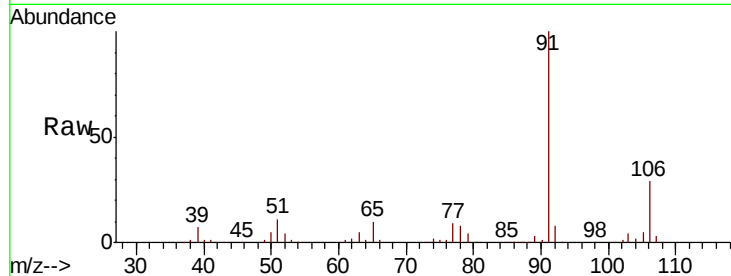




#67
Ethyl Benzene
Concen: 37.700 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

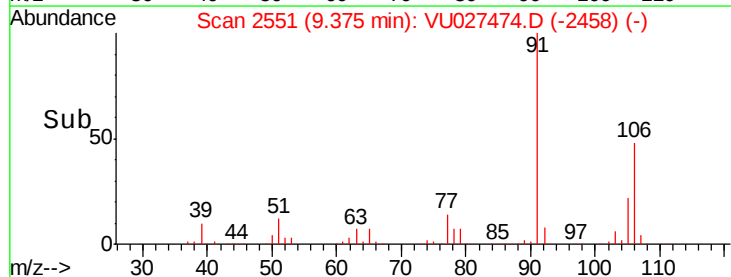
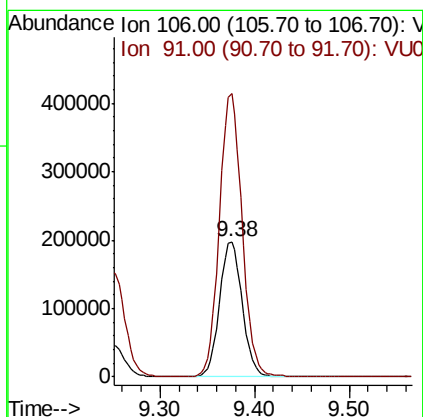
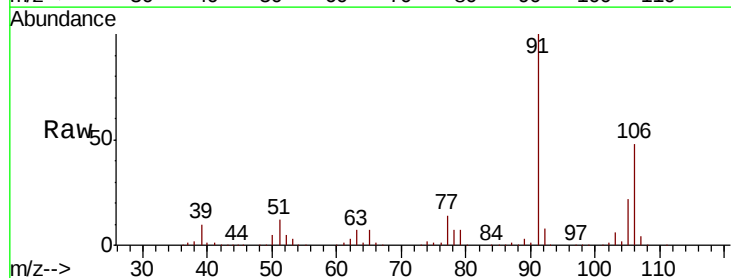
Instrument :
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MW-12

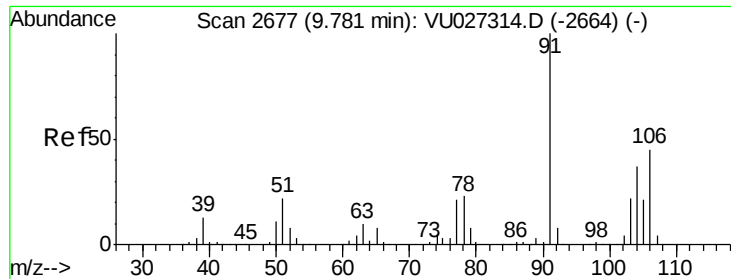
Tot Ion: 91 Resp: 252014
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4



#68
m/p-Xylenes
Concen: 134.943 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Tgt Ion: 106 Resp: 329961
Ion Ratio Lower Upper
106 100
91 209.6 168.1 252.1

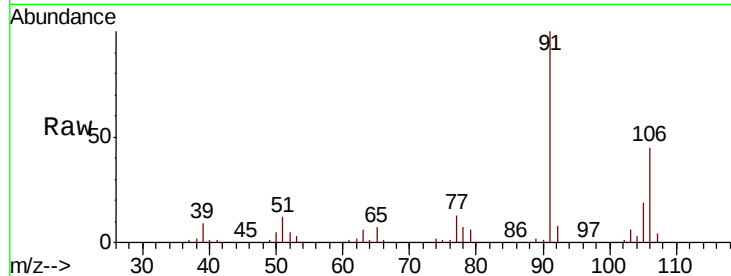




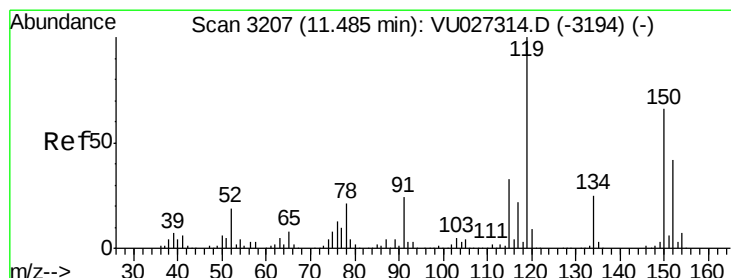
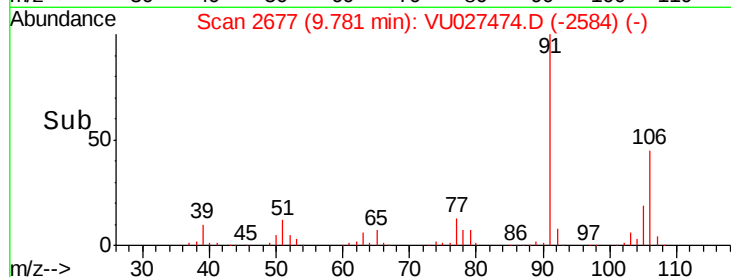
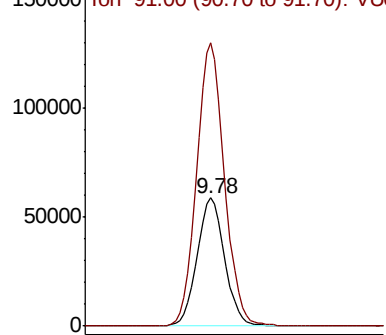
#69
o-Xylene
Concen: 40.113 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Instrument :
MSVOA_U
ClientSampled :
MW-12

Tot Ion:106 Resp: 93207
Ion Ratio Lower Upper
106 100
91 222.3 111.7 334.9

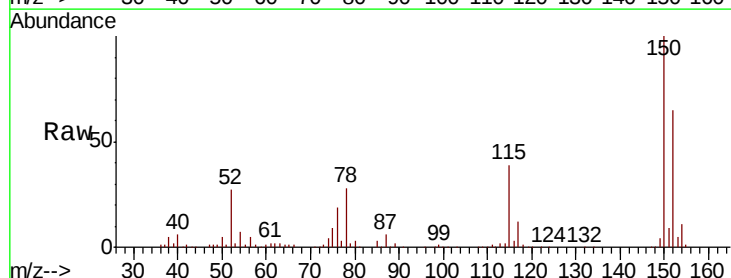


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

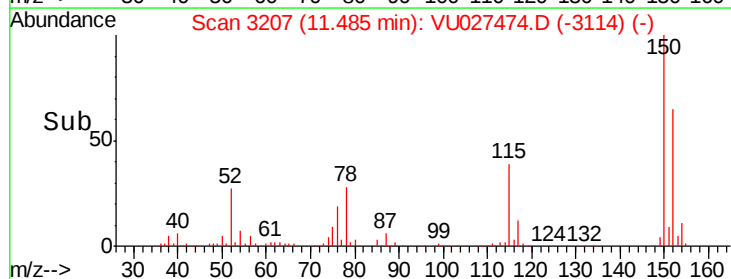
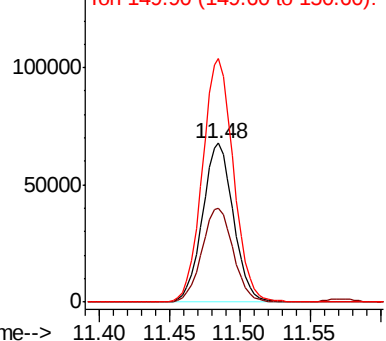


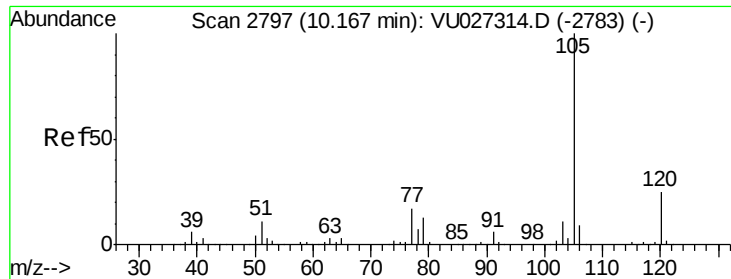
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Tgt Ion:152 Resp: 103817
Ion Ratio Lower Upper
152 100
115 60.1 43.4 130.2
150 155.0 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: 1.093 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

Instrument :

MSVOA_U

ClientSampleId :

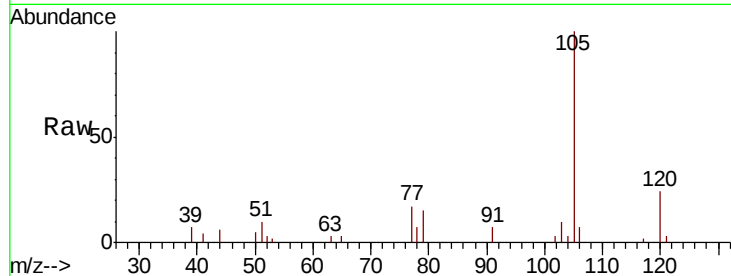
MW-12

Tot Ion: 105 Resp: 8243

Ion Ratio Lower Upper

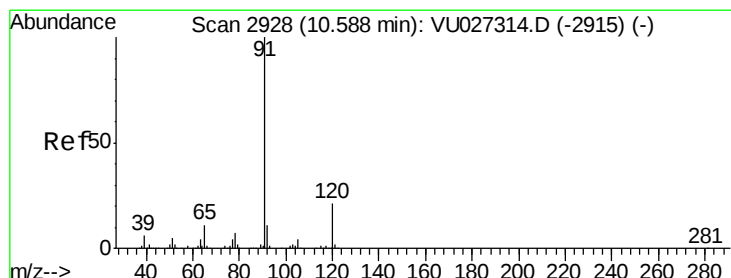
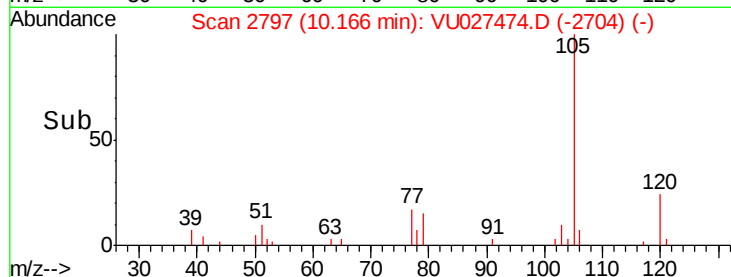
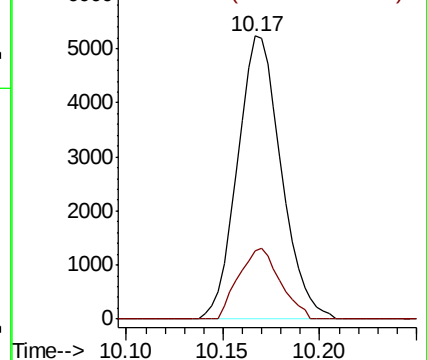
105 100

120 23.7 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: 2.459 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027474.D

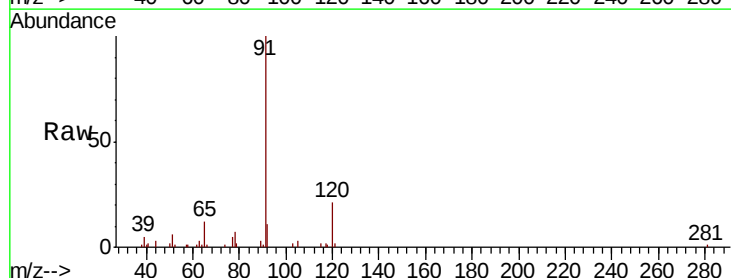
Acq: 05 Oct 2018 23:26

Tgt Ion: 91 Resp: 22283

Ion Ratio Lower Upper

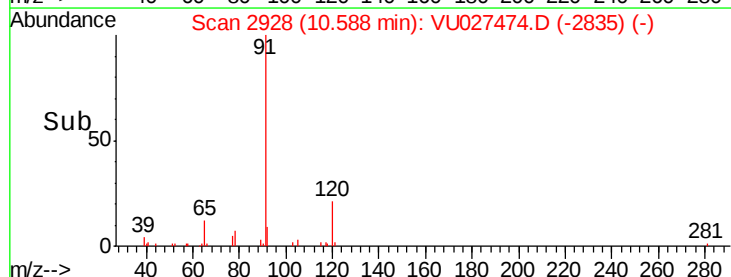
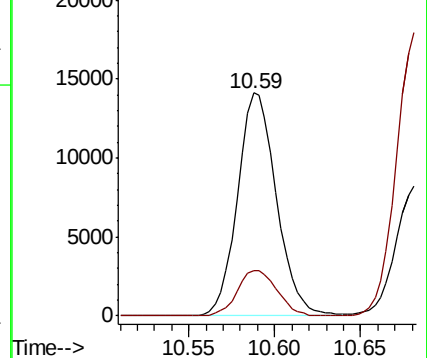
91 100

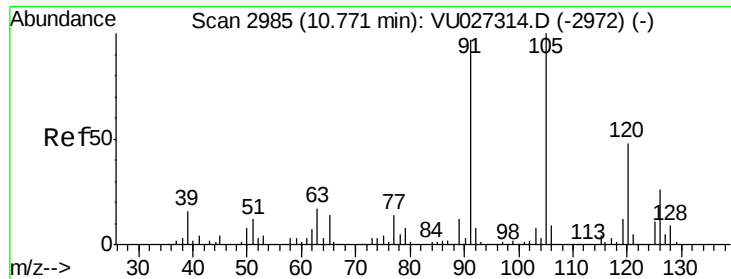
120 20.6 10.6 31.8



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: 6.687 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027474.D

Acq: 05 Oct 2018 23:26

Instrument :

MSVOA_U

ClientSampled :

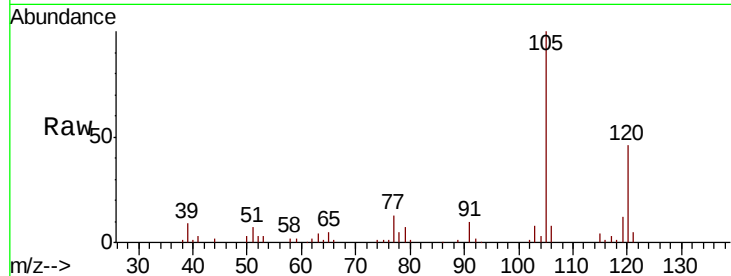
MW-12

Tot Ion:105 Resp: 41049

Ion Ratio Lower Upper

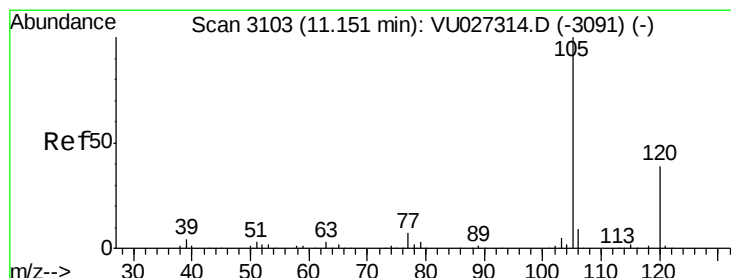
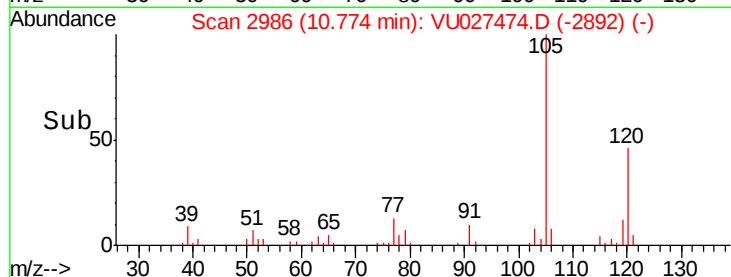
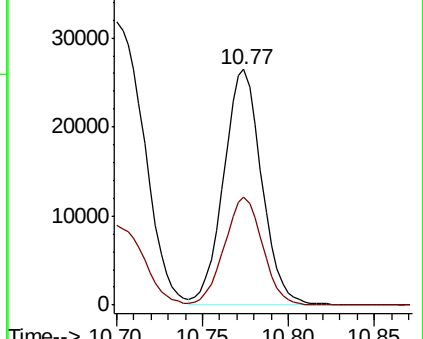
105 100

120 45.8 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: 24.327 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. -0.00 min

Lab File: VU027474.D

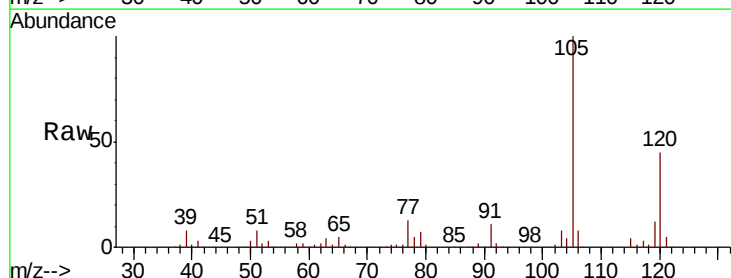
Acq: 05 Oct 2018 23:26

Tgt Ion:105 Resp: 152547

Ion Ratio Lower Upper

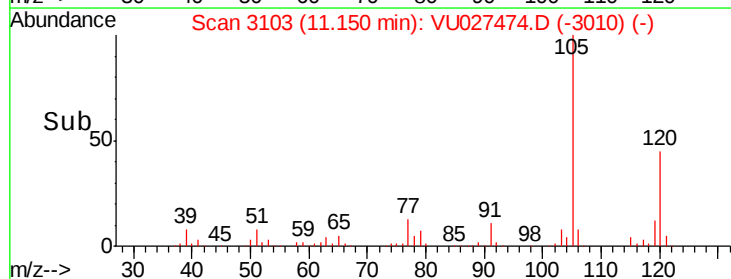
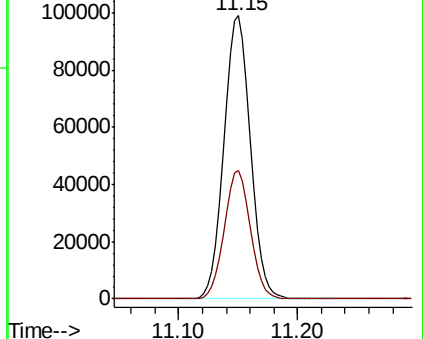
105 100

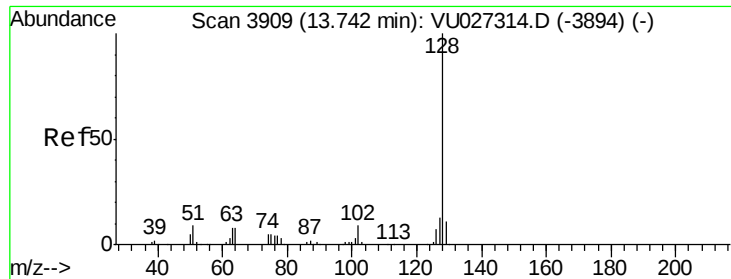
120 44.7 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

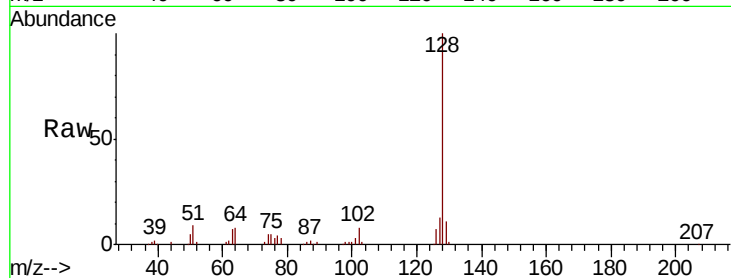




#95
Naphthalene
Concen: 11.130 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027474.D
Acq: 05 Oct 2018 23:26

Instrument :
MSVOA_U
ClientSampleId :
MW-12

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.8	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

