

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
 Data File : VU027465.D
 Acq On : 05 Oct 2018 19:56
 Operator : MD/SY
 Sample : J5165-16DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-D-092718DL

Quant Time: Oct 08 11:32:40 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

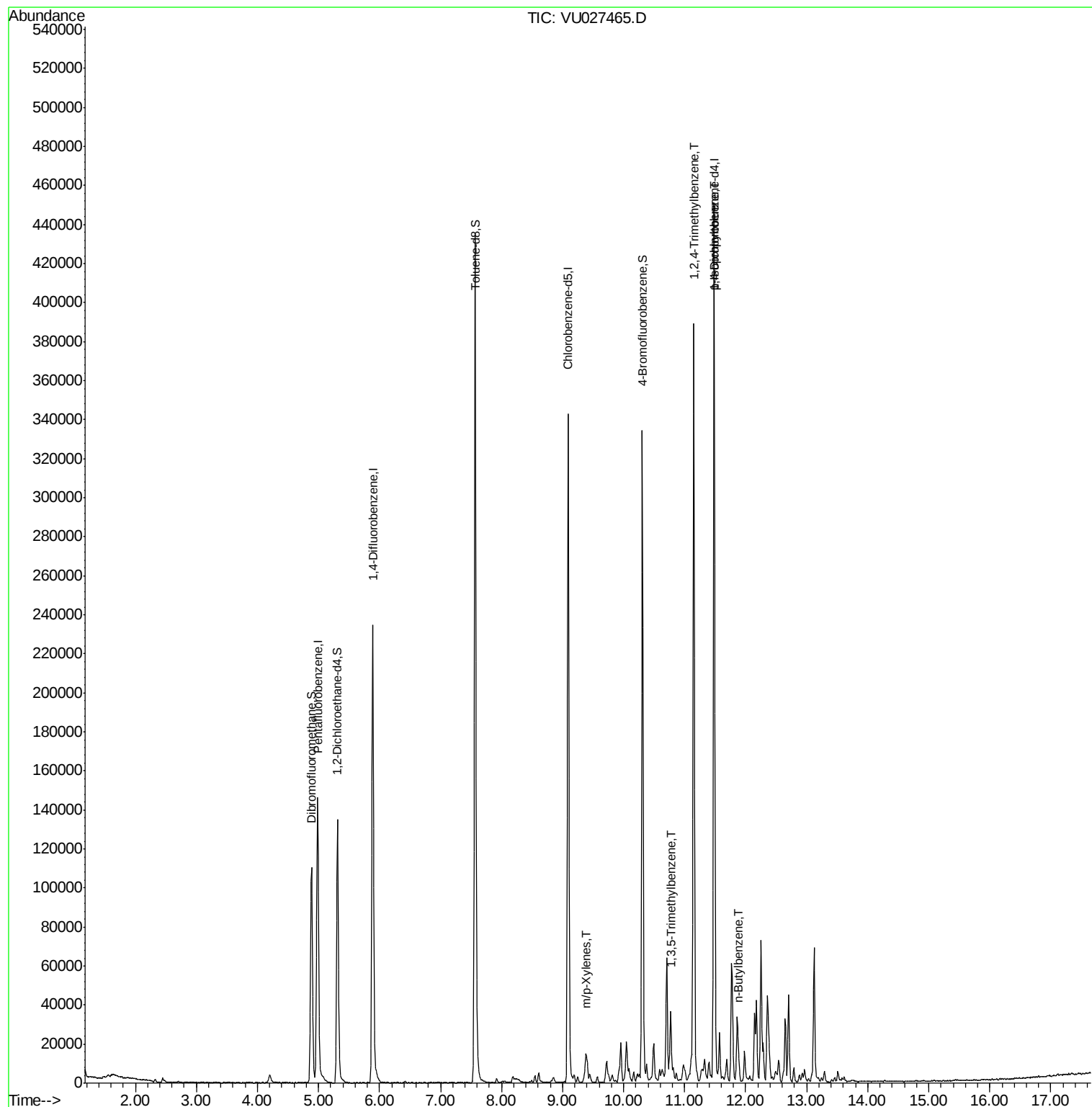
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	111080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	195383	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	186594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	106398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	107958	58.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.40%	
35) Dibromofluoromethane	4.89	113	76356	57.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.04%	
50) Toluene-d8	7.57	98	297250	59.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.62%	
62) 4-Bromofluorobenzene	10.31	95	113073	60.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.42%	
Target Compounds						
68) m/p-Xylenes	9.38	106	3157	1.240	ug/l	95
80) 1,3,5-Trimethylbenzene	10.77	105	16938	2.692	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	203167	31.613	ug/l	100
86) p-Isopropyltoluene	11.48	119	11774	1.794	ug/l	95
89) n-Butylbenzene	11.89	91	3025	2.367	ug/l #	77

(#) = 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: VU027465.D

Acq: 05 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

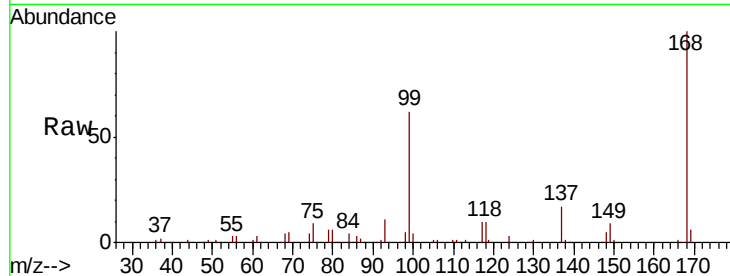
EP1-MW-D-092718DL

Tot Ion:168 Resp: 111080

Ion Ratio Lower Upper

168 100

99 61.5 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

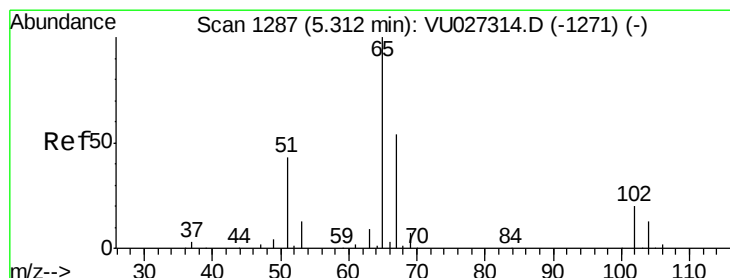
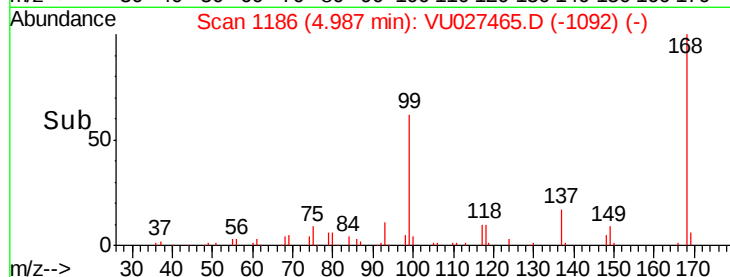
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.203 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027465.D

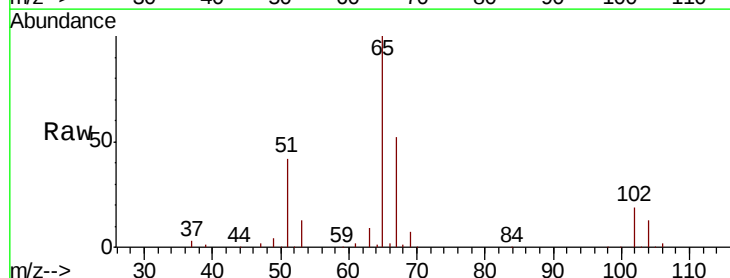
Acq: 05 Oct 2018 19:56

Tgt Ion: 65 Resp: 107958

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027314.D (-1271) (-)

5.31

50000

40000

30000

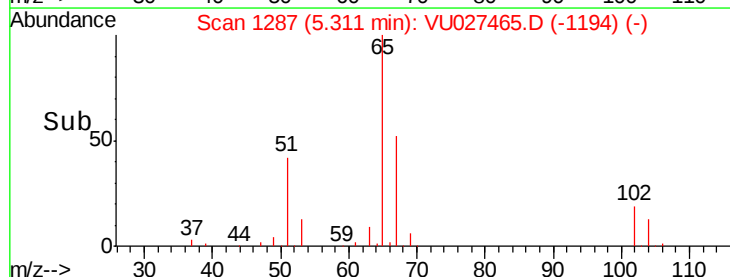
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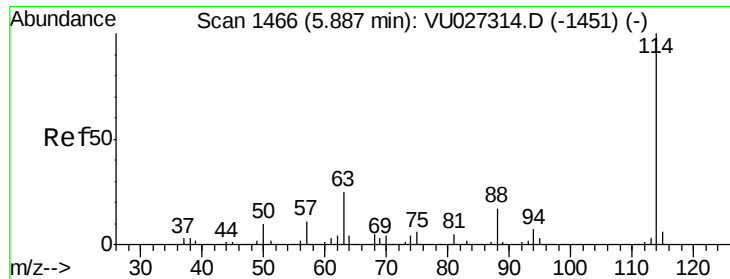
10000

0

5.20 5.25 5.30 5.35 5.40 5.45 5.50

Time-->

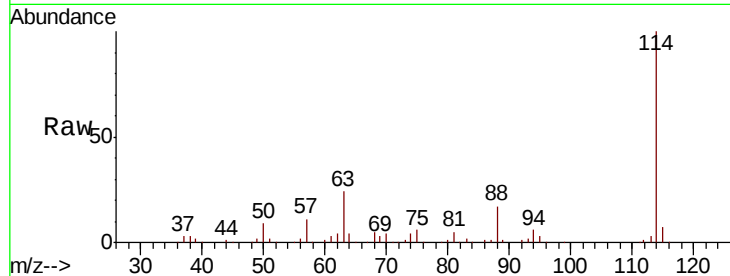




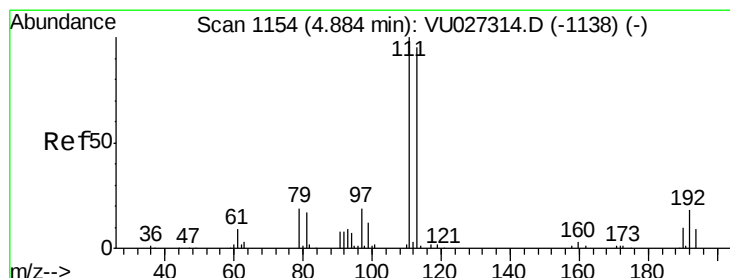
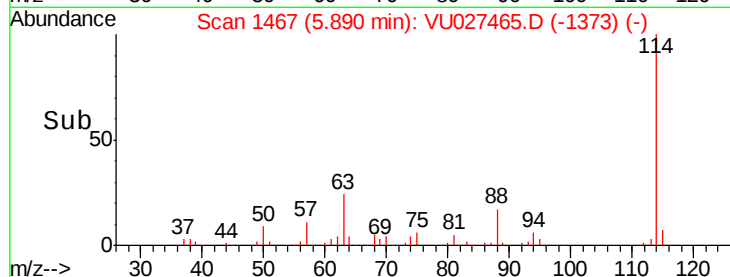
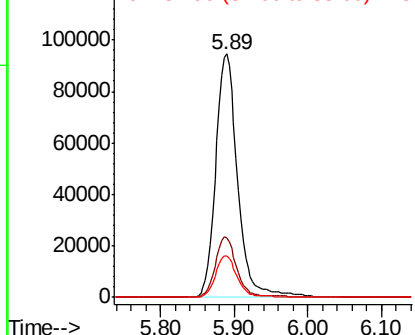
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027465.D
 Acq: 05 Oct 2018 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-D-092718DL

Tot Ion:114 Resp: 195383
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 50.2
 88 17.0 0.0 33.8

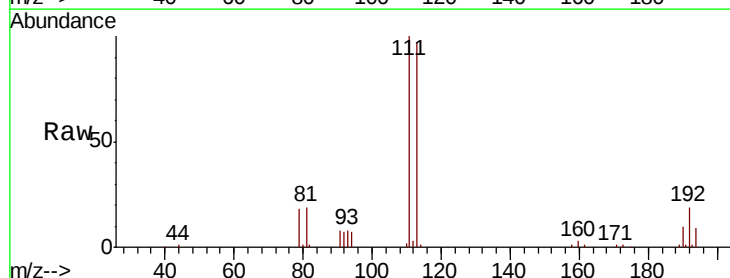


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

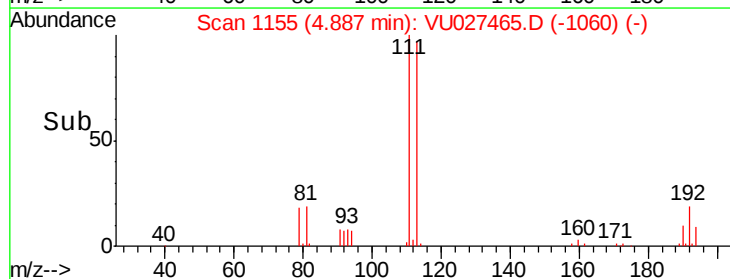
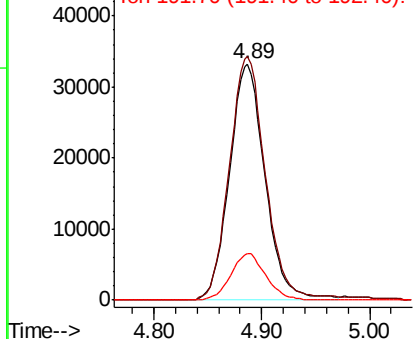


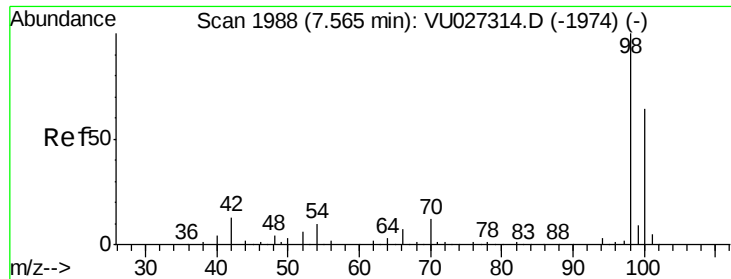
#35
 Dibromofluoromethane
 Concen: 57.024 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027465.D
 Acq: 05 Oct 2018 19:56

Tgt Ion:113 Resp: 76356
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.1 124.7
 192 19.4 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





#50

Toluene-d8

Concen: 59.313 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027465.D

Acq: 05 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

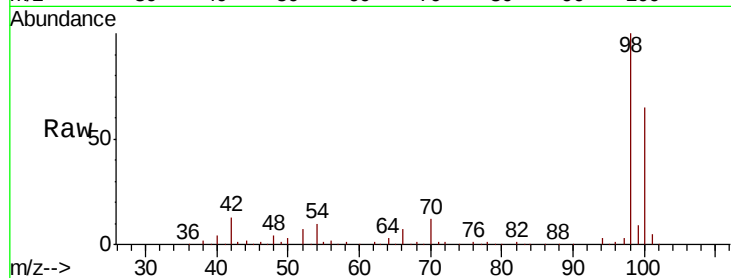
EP1-MW-D-092718DL

Tot Ion: 98 Resp: 297250

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)

7.57

150000

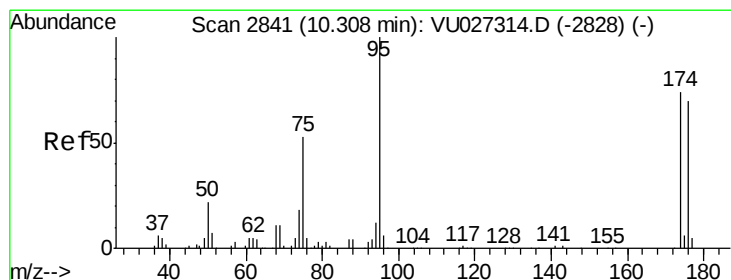
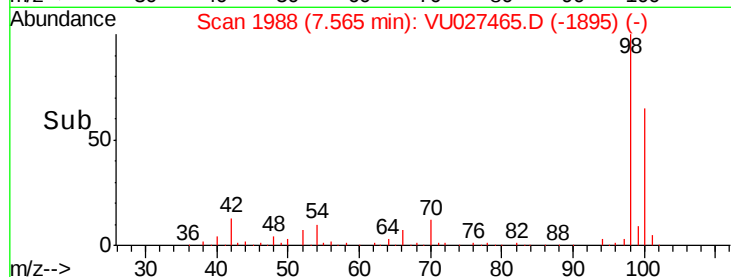
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 60.711 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027465.D

Acq: 05 Oct 2018 19:56

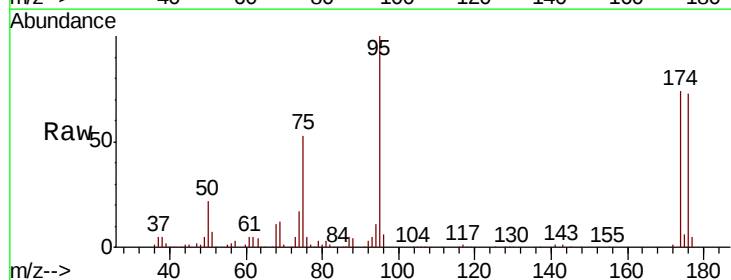
Tgt Ion: 95 Resp: 113073

Ion Ratio Lower Upper

95 100

174 73.5 0.0 147.8

176 71.2 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) (-)

10.31

80000

60000

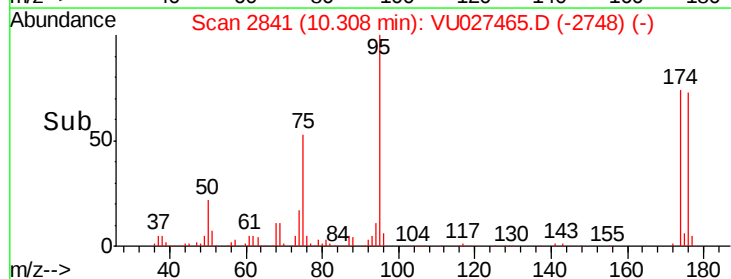
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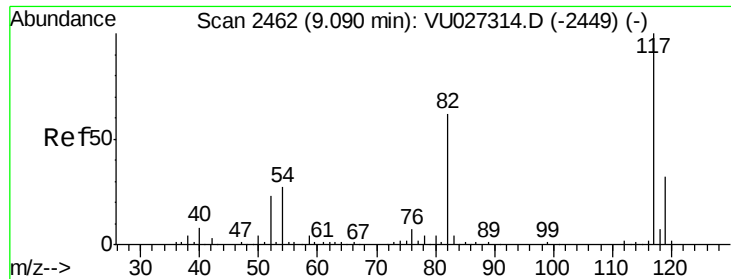
20000

0

10.20 10.30 10.40

Time-->

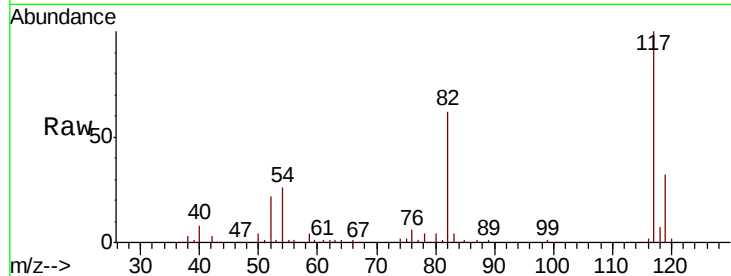




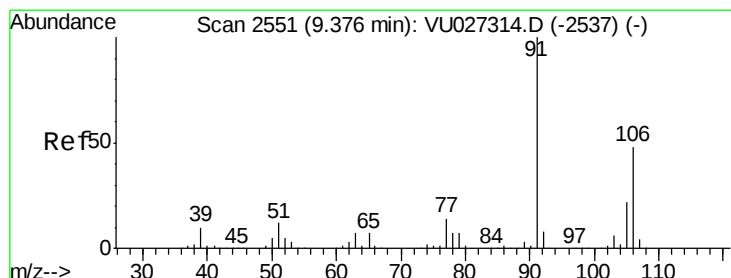
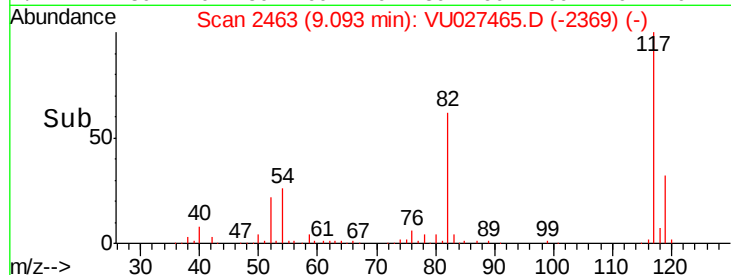
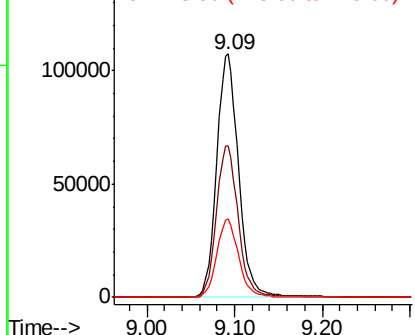
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027465.D
Acq: 05 Oct 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-D-092718DL

Tot Ion:117 Resp: 186594
Ion Ratio Lower Upper
117 100
82 62.2 49.2 73.8
119 32.2 25.7 38.5

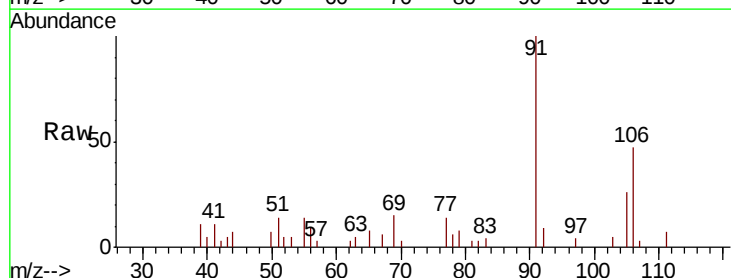


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

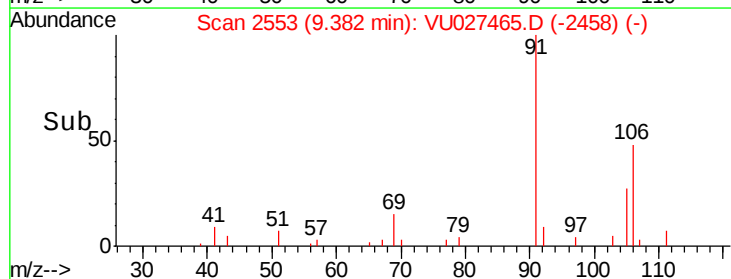
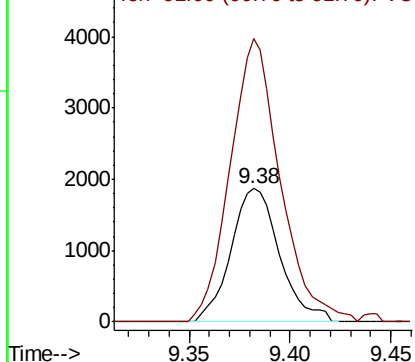


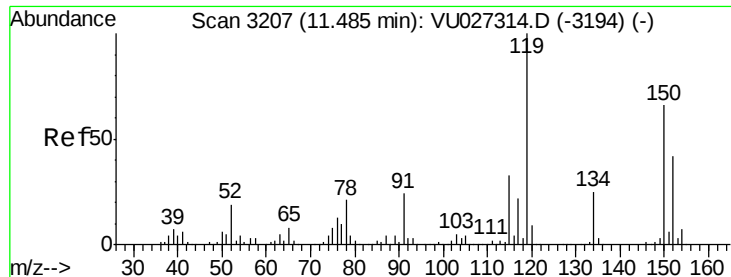
#68
m/p-Xylenes
Concen: 1.240 ug/l
RT: 9.38 min Scan# 2553
Delta R.T. 0.01 min
Lab File: VU027465.D
Acq: 05 Oct 2018 19:56

Tgt Ion:106 Resp: 3157
Ion Ratio Lower Upper
106 100
91 218.5 168.1 252.1



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: VU027465.D

Acq: 05 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-D-092718DL

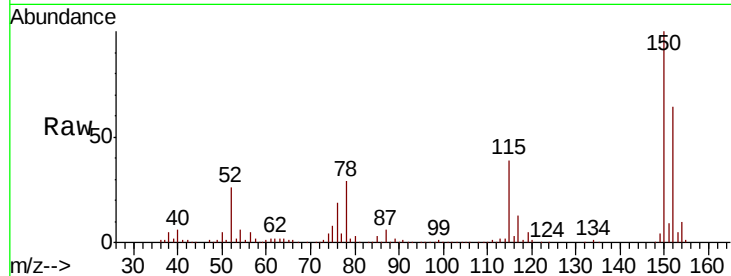
Tot Ion:152 Resp: 106398

Ion Ratio Lower Upper

152 100

115 60.6 43.4 130.2

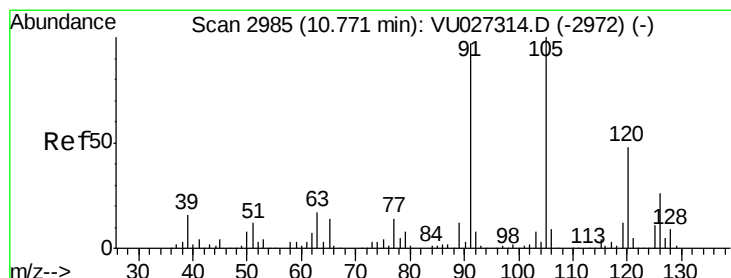
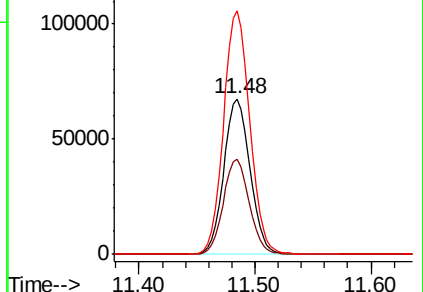
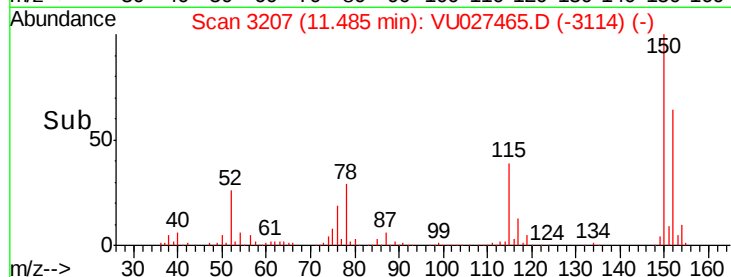
150 155.5 0.0 349.2



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



#80

1,3,5-Trimethylbenzene

Concen: 2.692 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027465.D

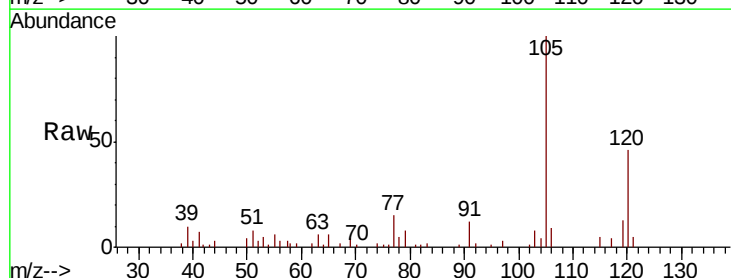
Acq: 05 Oct 2018 19:56

Tgt Ion:105 Resp: 16938

Ion Ratio Lower Upper

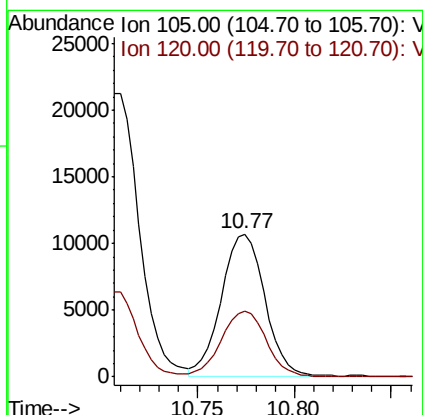
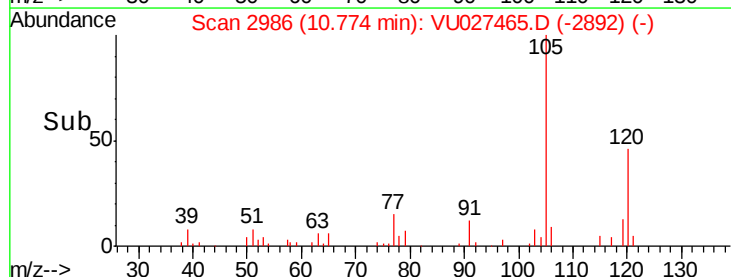
105 100

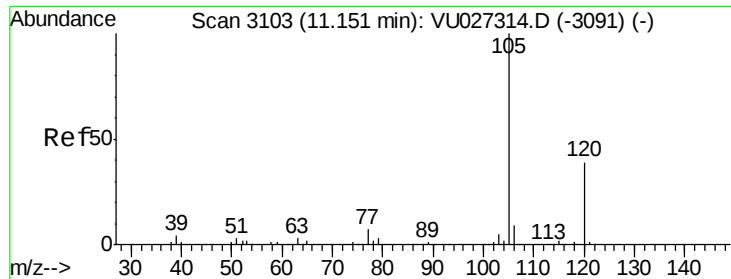
120 47.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

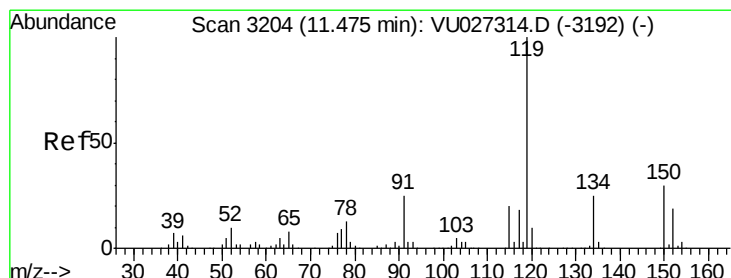
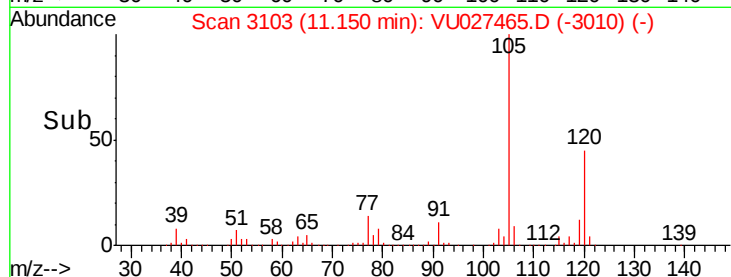
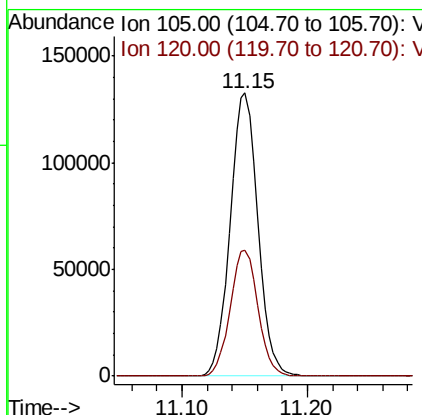
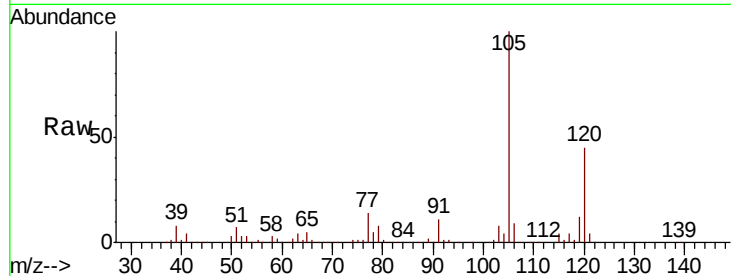




#84
 1,2,4-Trimethylbenzene
 Concen: 31.613 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027465.D
 Acq: 05 Oct 2018 19:56

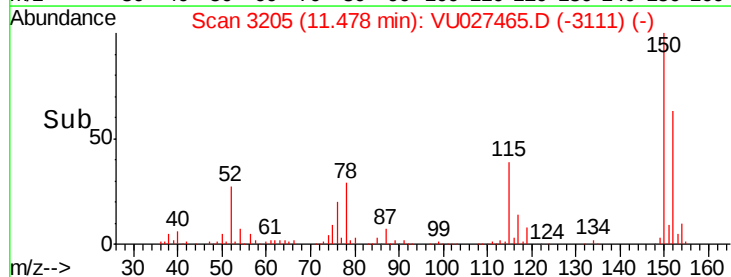
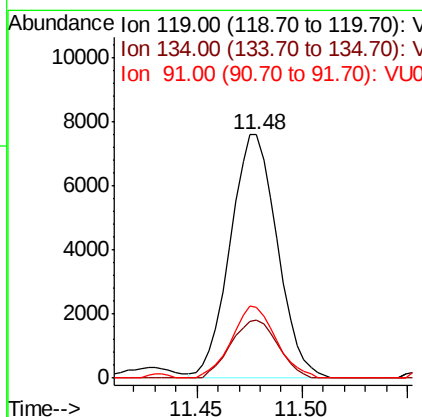
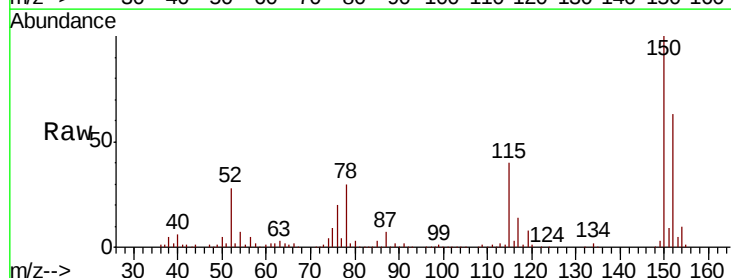
Instrument :
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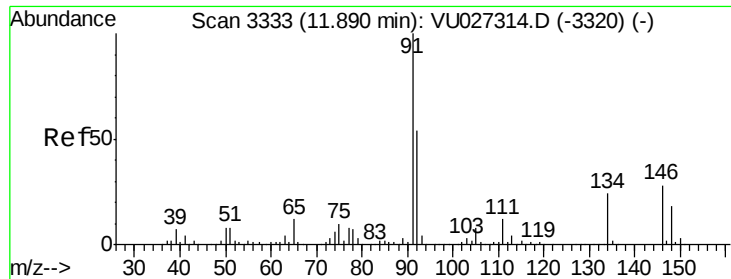
Tot Ion:105 Resp: 203167
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.1 66.5



#86
 p-Isopropyltoluene
 Concen: 1.794 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027465.D
 Acq: 05 Oct 2018 19:56

Tgt Ion:119 Resp: 11774
 Ion Ratio Lower Upper
 119 100
 134 24.0 12.7 38.1
 91 28.1 12.2 36.4





#89

n-Butylbenzene

Concen: 2.367 ug/l

RT: 11.89 min Scan# 3333

Delta R.T. -0.00 min

Lab File: VU027465.D

Acq: 05 Oct 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-D-092718DL

Tot Ion: 91 Resp: 3025

Ion Ratio Lower Upper

91 100

92 62.5 27.0 81.0

134 0.0 11.7 35.1#

