

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070318\
 Data File : VU025190.D
 Acq On : 03 Jul 2018 14:52
 Operator : MD/SY
 Sample : J3760-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627

Quant Time: Jul 05 09:01:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

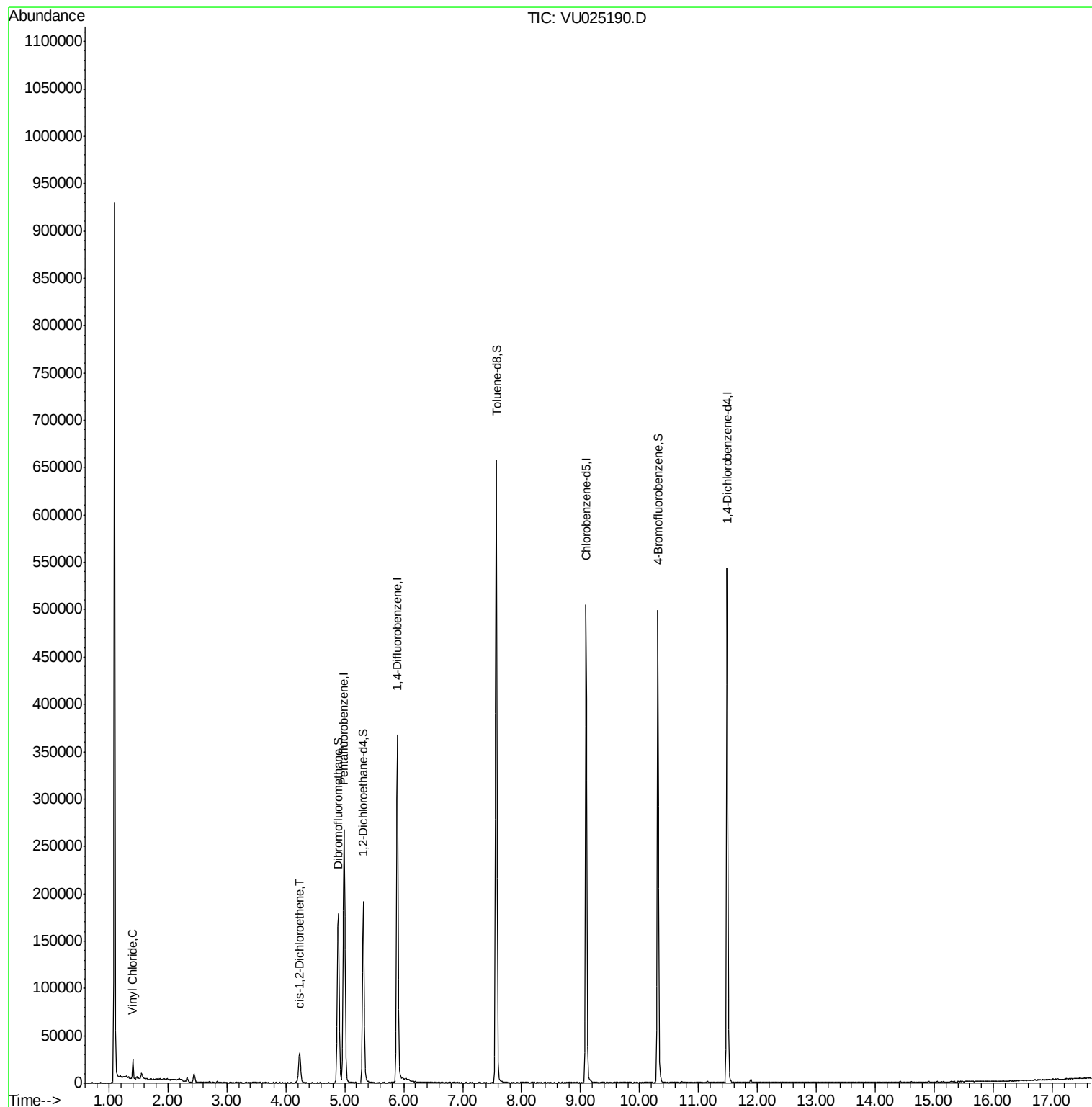
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	203596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	305964	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	280485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	155581	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
35) Dibromofluoromethane	4.89	113	119699	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	7.57	98	434985	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
62) 4-Bromofluorobenzene	10.31	95	159934	43.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.98%	
Target Compounds						
4) Vinyl Chloride	1.40	62	12405	4.620	ug/l	98
27) cis-1,2-Dichloroethene	4.24	96	18147	6.182	ug/l	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025190.D

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ClientSampleId :

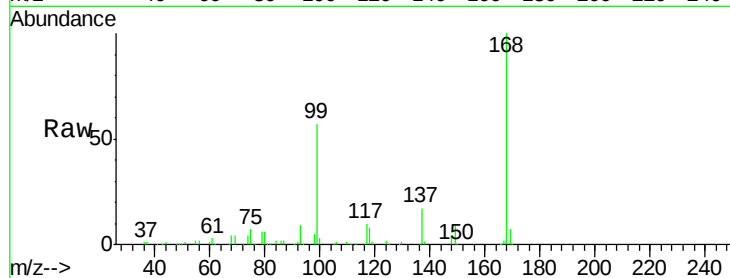
WP021MW011-180627

Tot Ion:168 Resp: 203596

Ion Ratio Lower Upper

168 100

99 57.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

100000

80000

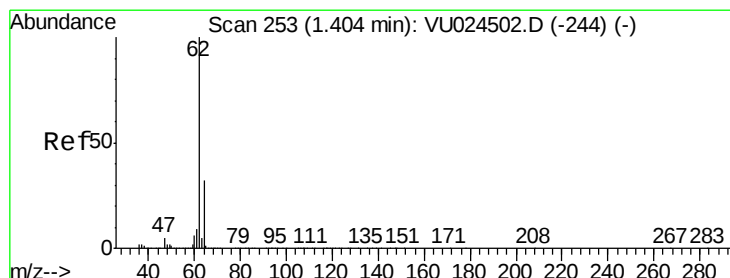
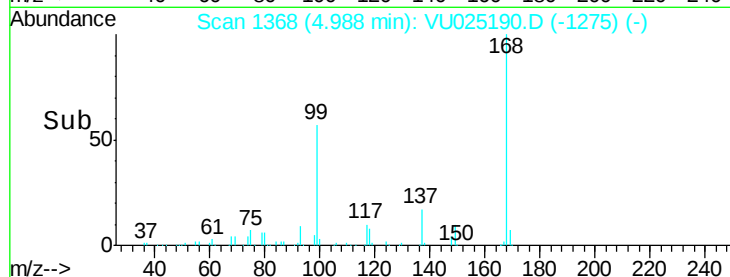
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 4.620 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025190.D

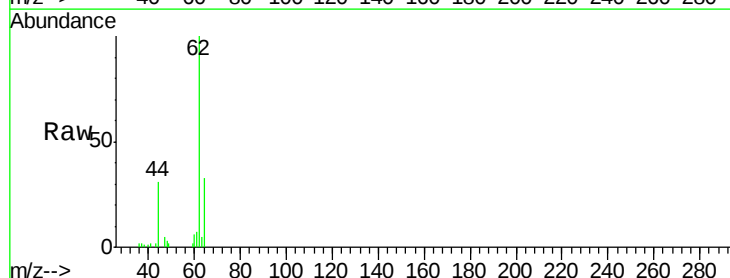
Acq: 03 Jul 2018 14:52

Tgt Ion: 62 Resp: 12405

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)

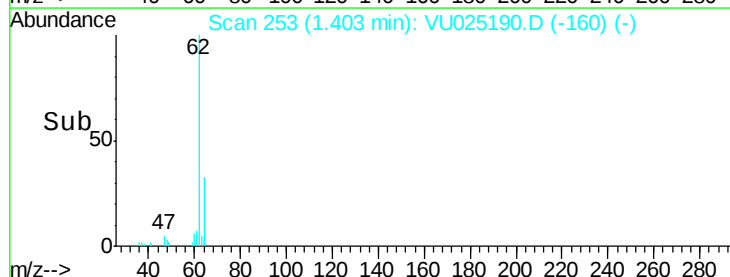
1.40

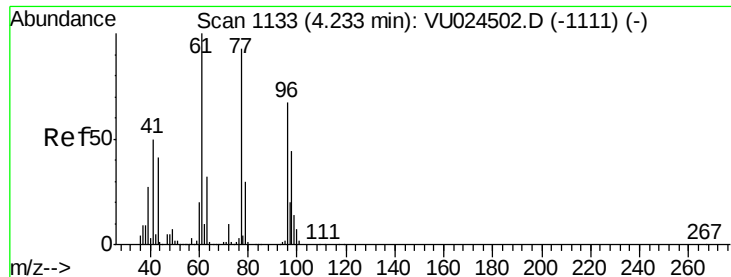
10000

5000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 6.182 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VU025190.D

Acq: 03 Jul 2018 14:52

Instrument :

MSVOA_U

ClientSampleId :

WP021MW011-180627

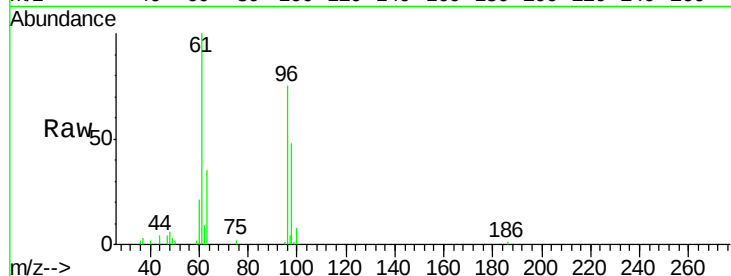
Tot Ion: 96 Resp: 18147

Ion Ratio Lower Upper

96 100

61 135.1 0.0 306.6

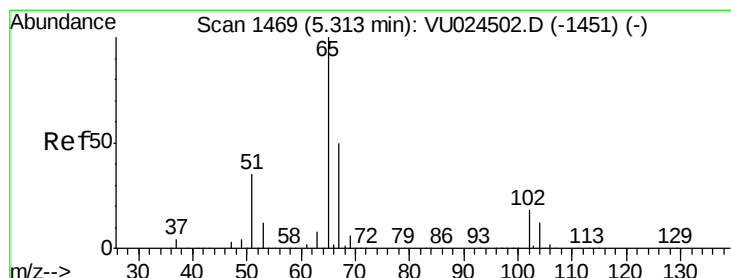
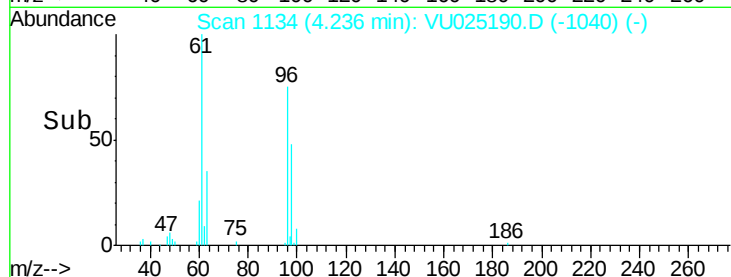
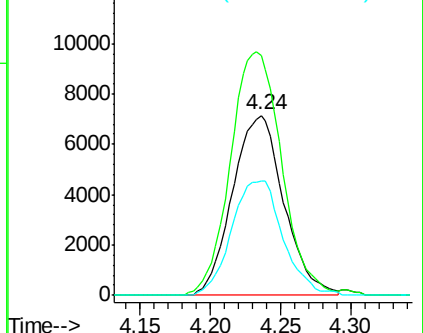
98 63.8 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU025190.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU025190.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU025190.D (-1040) (-)



#33

1,2-Dichloroethane-d4

Concen: 46.809 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025190.D

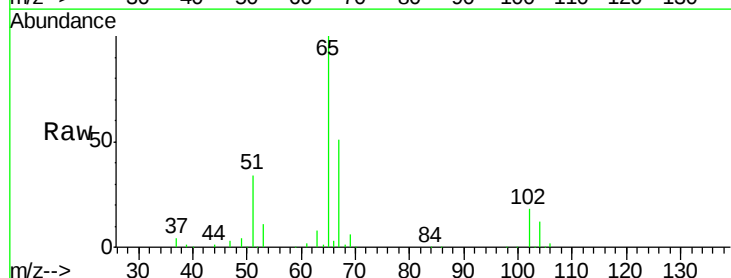
Acq: 03 Jul 2018 14:52

Tgt Ion: 65 Resp: 155581

Ion Ratio Lower Upper

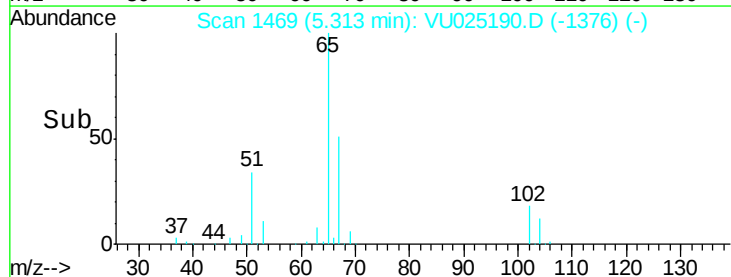
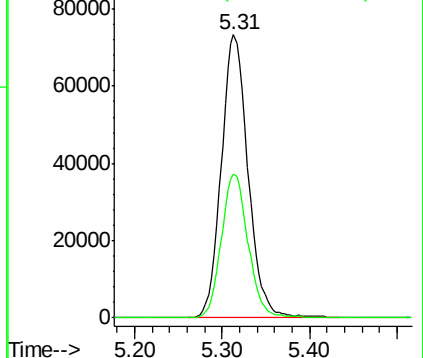
65 100

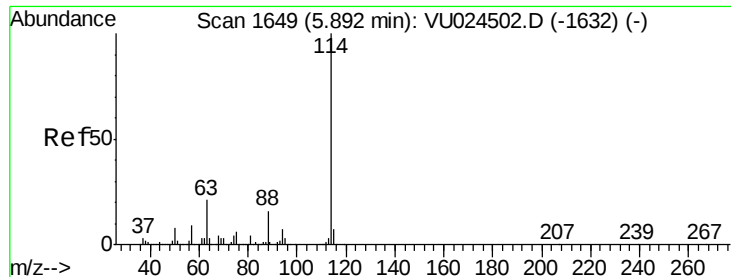
67 51.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU025190.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025190.D (-1376) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025190.D

Acq: 03 Jul 2018 14:52

Instrument :

MSVOA_U

ClientSampleId :

WP021MW011-180627

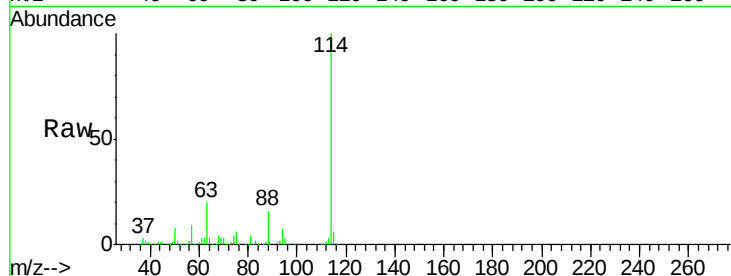
Tot Ion:114 Resp: 305964

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.4

88 16.3 0.0 31.0



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

200000

150000

100000

50000

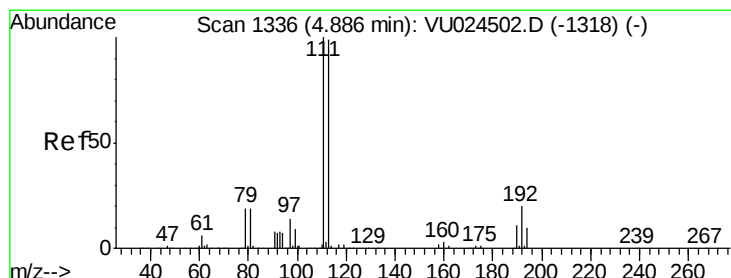
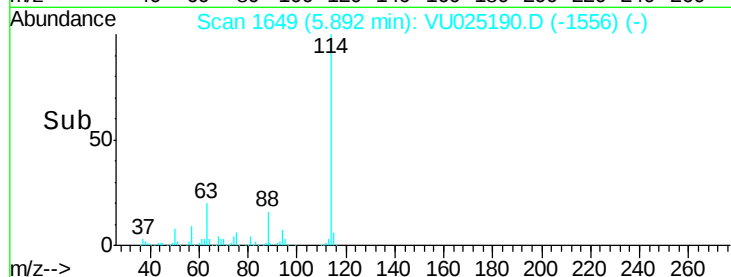
0

5.80

5.90

6.00

Time-->



#35

Dibromofluoromethane

Concen: 47.139 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025190.D

Acq: 03 Jul 2018 14:52

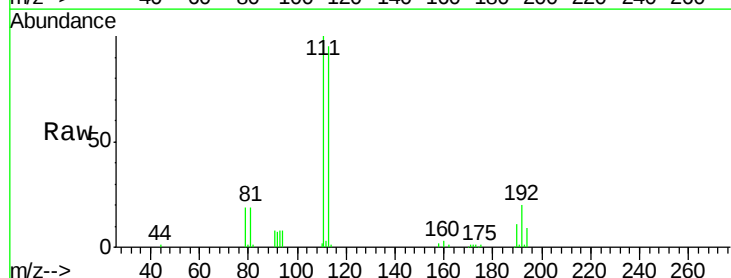
Tgt Ion:113 Resp: 119699

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 21.0 16.2 24.4



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

60000

40000

20000

0

4.80

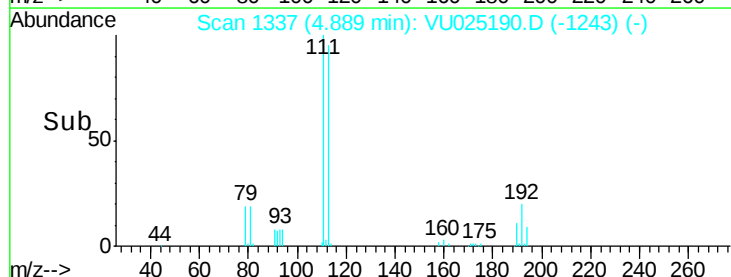
4.85

4.90

4.95

5.00

Time-->

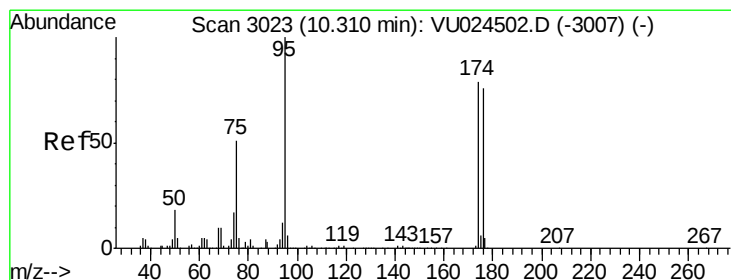
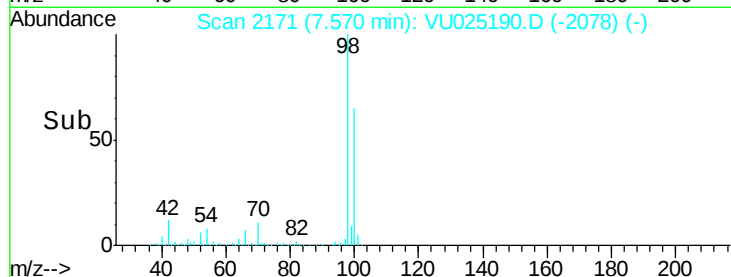
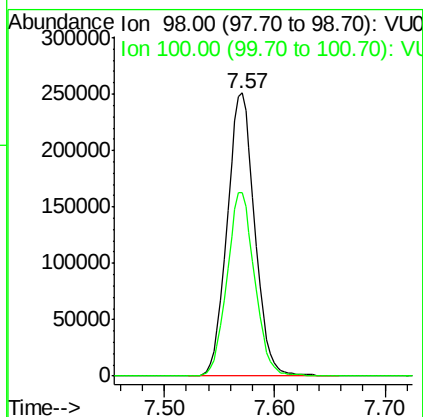
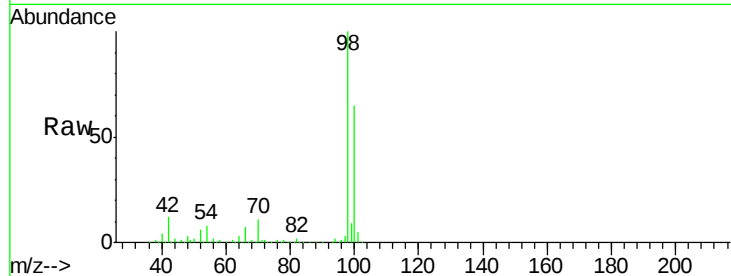




#50
Toluene-d8
Concen: 46.963 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU025190.D
Acq: 03 Jul 2018 14:52

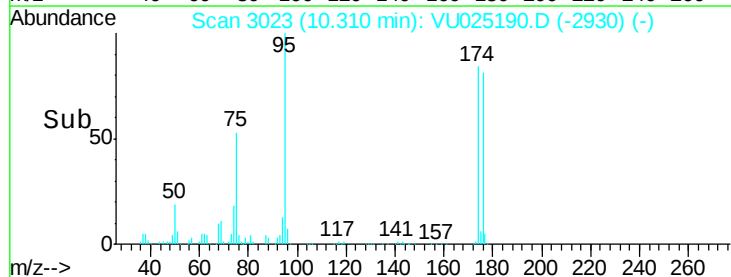
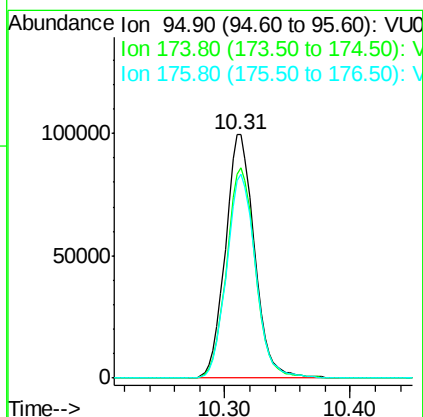
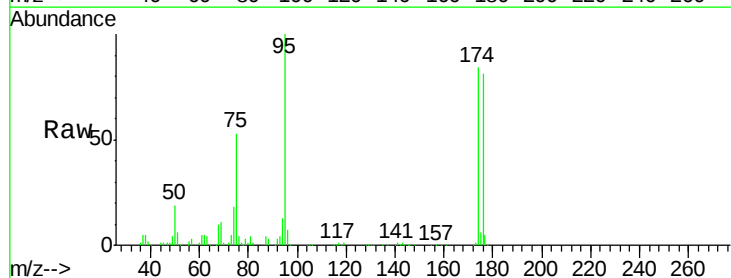
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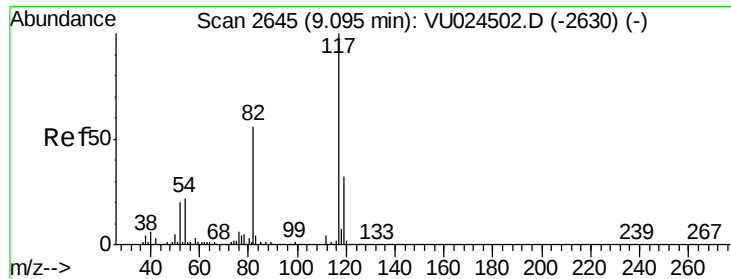
Tot Ion: 98 Resp: 434985
Ion Ratio Lower Upper
98 100
100 65.1 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 43.490 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025190.D
Acq: 03 Jul 2018 14:52

Tgt Ion: 95 Resp: 159934
Ion Ratio Lower Upper
95 100
174 85.7 0.0 165.8
176 83.5 0.0 159.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025190.D

Acq: 03 Jul 2018 14:52

Instrument :

MSVOA_U

ClientSampleId :

WP021MW011-180627

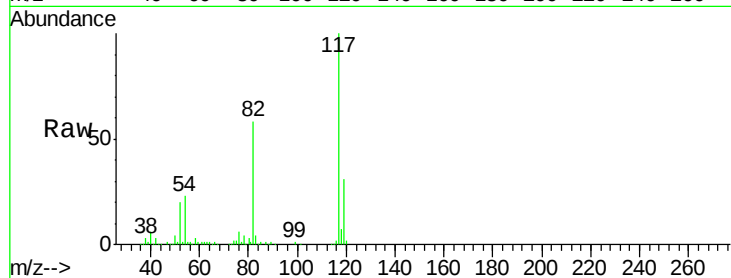
Tot Ion:117 Resp: 280485

Ion Ratio Lower Upper

117 100

82 57.7 44.3 66.5

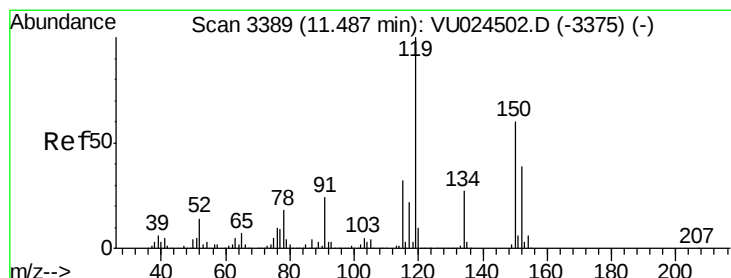
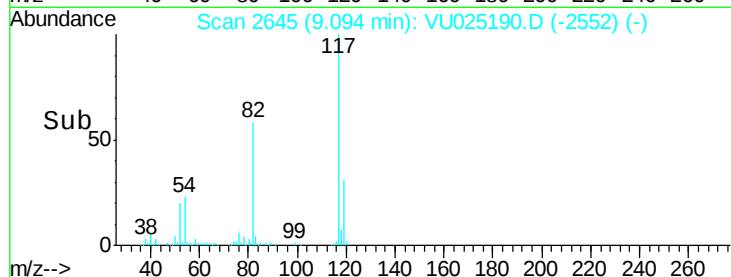
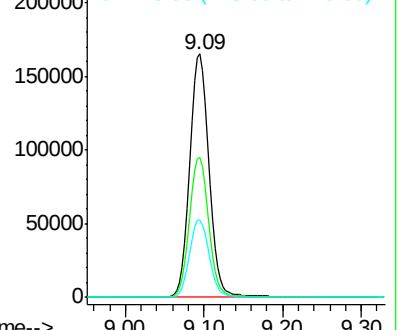
119 31.5 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025190.D

Acq: 03 Jul 2018 14:52

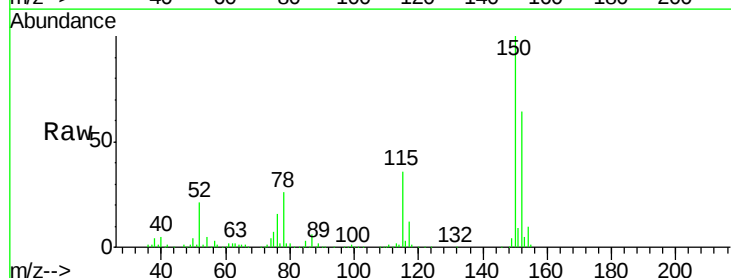
Tgt Ion:152 Resp: 144580

Ion Ratio Lower Upper

152 100

115 57.4 43.0 129.0

150 158.1 0.0 354.0



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

