

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011219\
 Data File : VU029149.D
 Acq On : 11 Jan 2019 18:18
 Operator : JC/SP
 Sample : K1136-01 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-101

Quant Time: Jan 12 00:10:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	169011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	295689	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	274754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	110852	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	117836	56.40	ug/l	0.00
Spiked Amount			Recovery	=	112.80%	
35) Dibromofluoromethane	4.88	113	101481	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
50) Toluene-d8	7.56	98	381101	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	10.31	95	119370	43.89	ug/l	0.00
Spiked Amount			Recovery	=	87.78%	

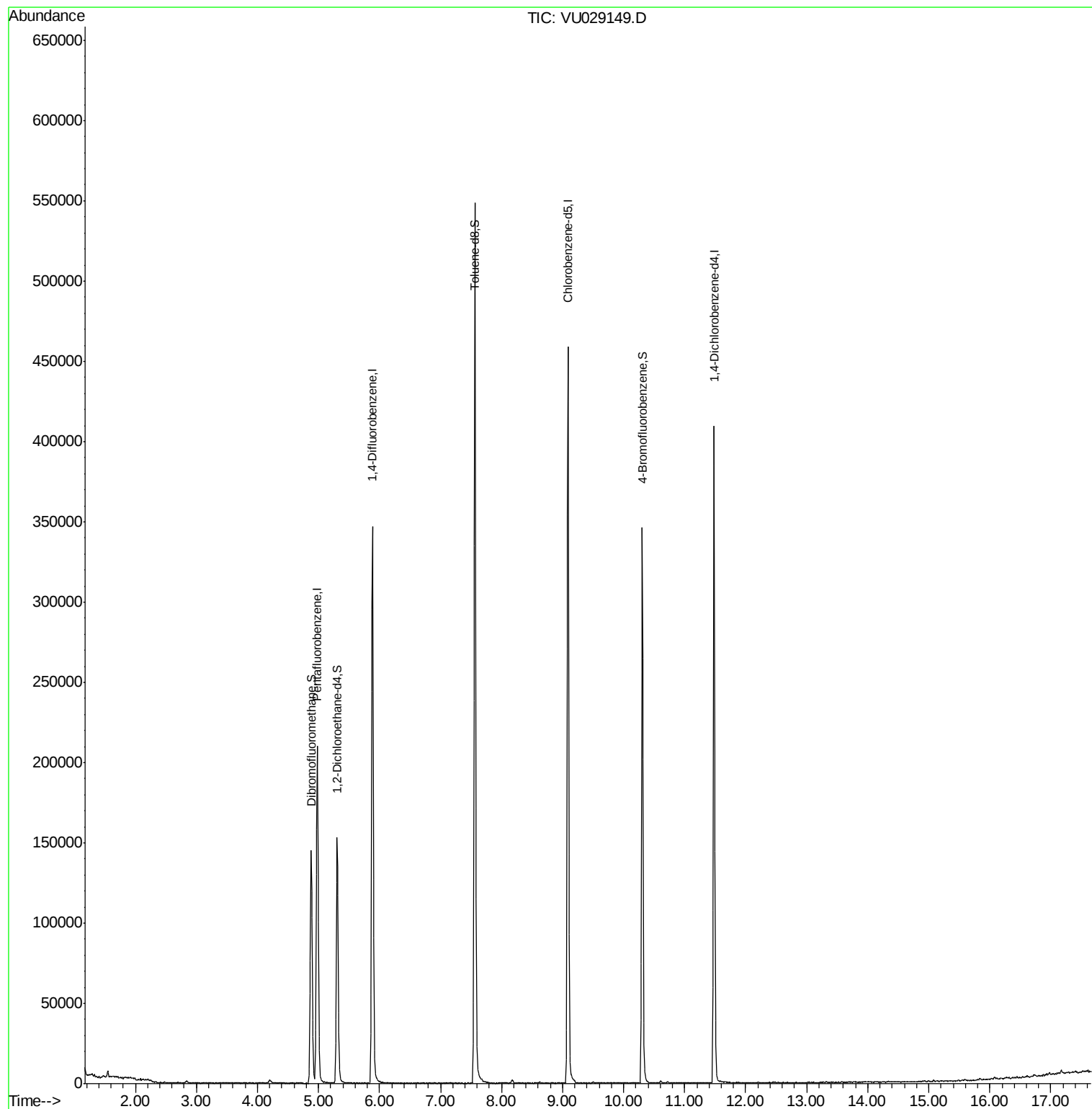
Target Compounds	Qvalue
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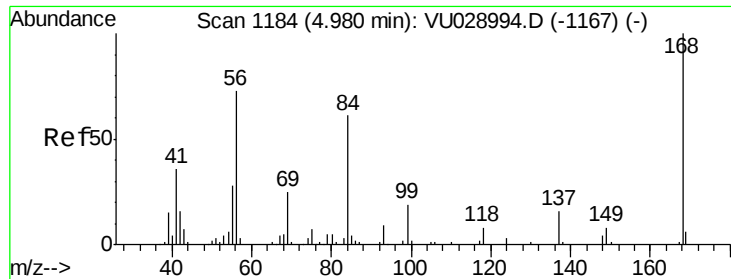
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029149.D

Acq: 11 Jan 2019 18:18

Instrument :

MSVOA_U

ClientSampleId :

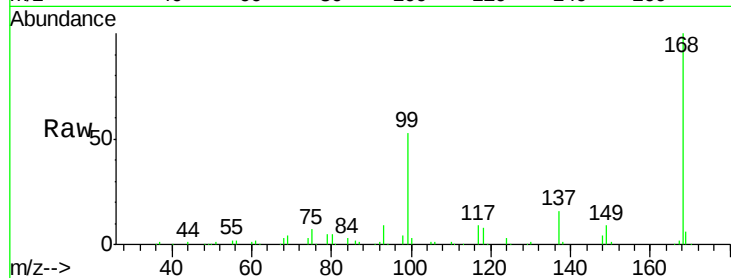
MW-101

Tot Ion:168 Resp: 169011

Ion Ratio Lower Upper

168 100

99 52.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU029149.D (-1091) (-)

4.98

80000

60000

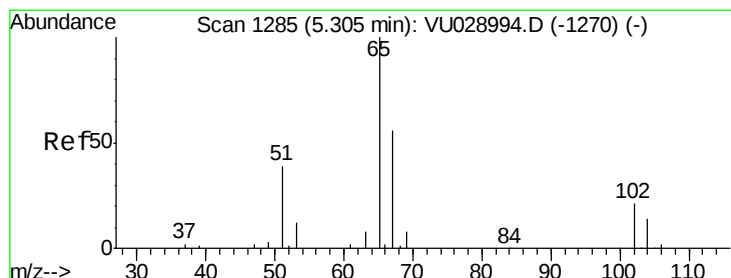
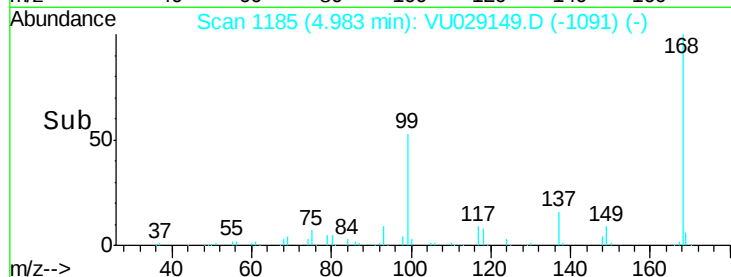
40000

20000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.400 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029149.D

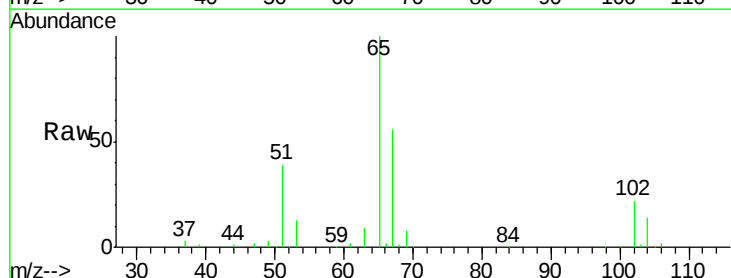
Acq: 11 Jan 2019 18:18

Tgt Ion: 65 Resp: 117836

Ion Ratio Lower Upper

65 100

67 56.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028994.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU029149.D (-1192) (-)

5.31

60000

50000

40000

30000

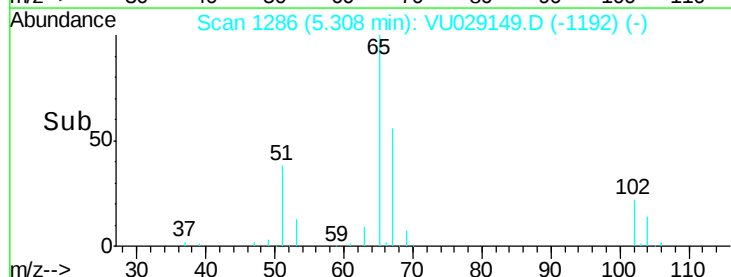
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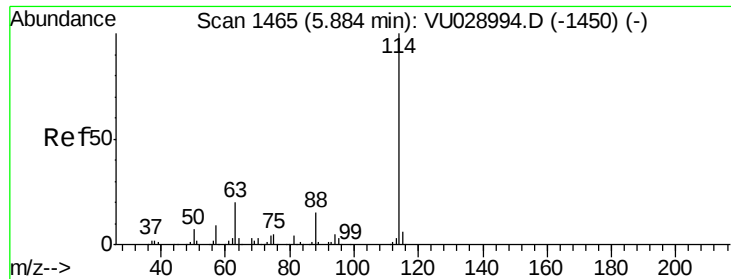
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0

5.20 5.30 5.40

Time-->

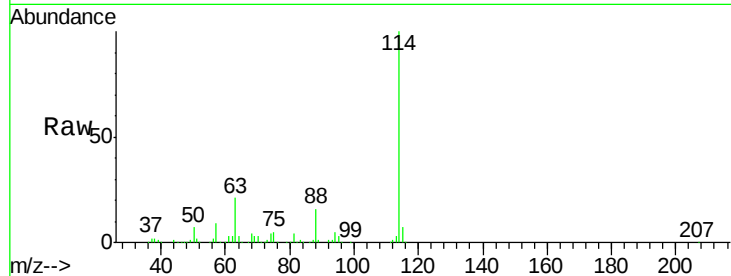




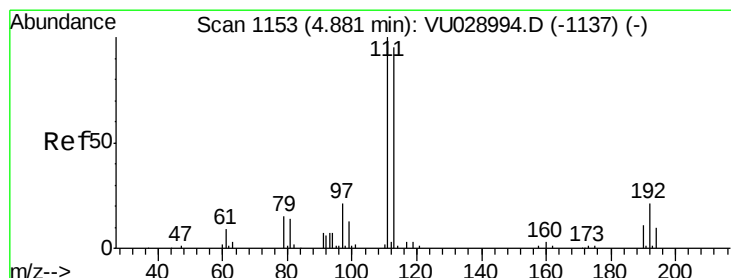
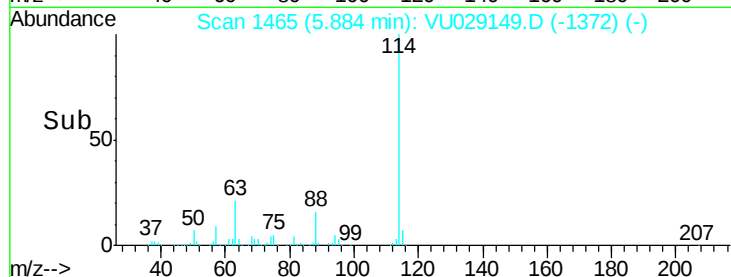
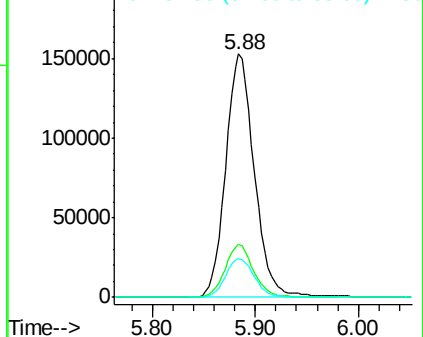
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029149.D
 Acq: 11 Jan 2019 18:18

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-101

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.2
88	16.1	0.0	30.4

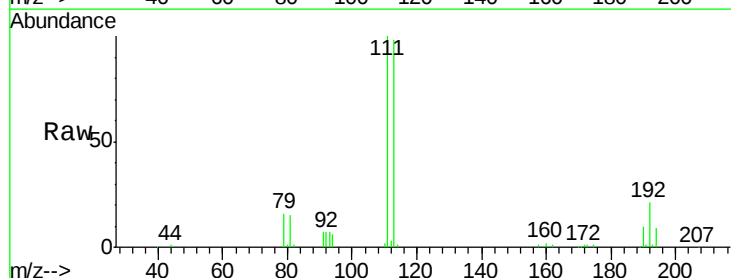


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

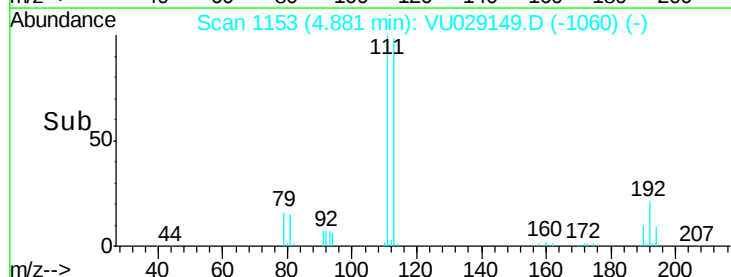
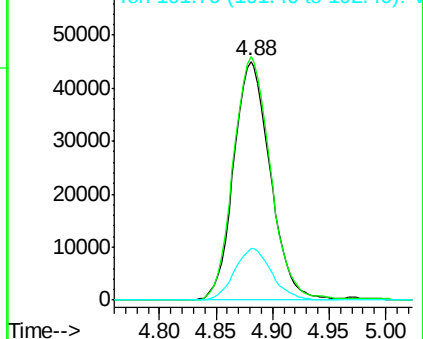


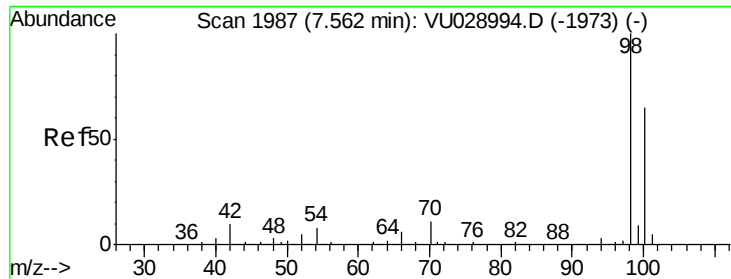
#35
 Dibromofluoromethane
 Concen: 52.944 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029149.D
 Acq: 11 Jan 2019 18:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	21.9	16.8	25.2



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: 50.363 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029149.D

Acq: 11 Jan 2019 18:18

Instrument :

MSVOA_U

ClientSampleId :

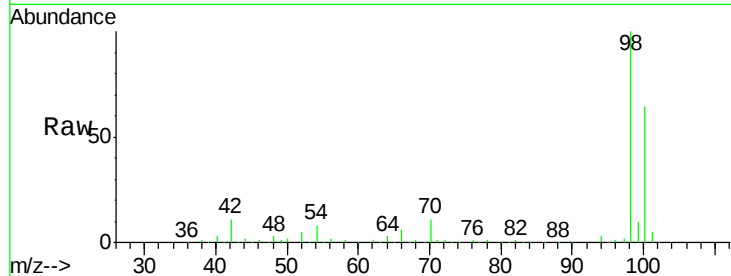
MW-101

Tot Ion: 98 Resp: 381101

Ion Ratio Lower Upper

98 100

100 62.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028994.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028994.D (-1973) (-)

7.56

250000

200000

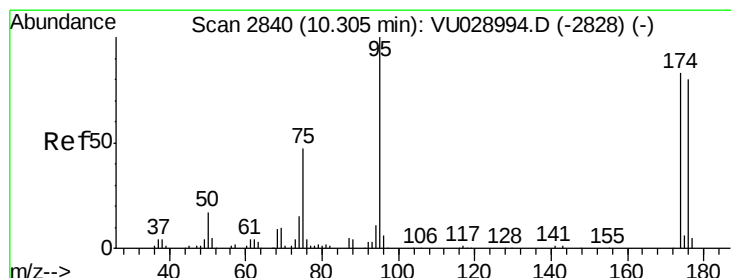
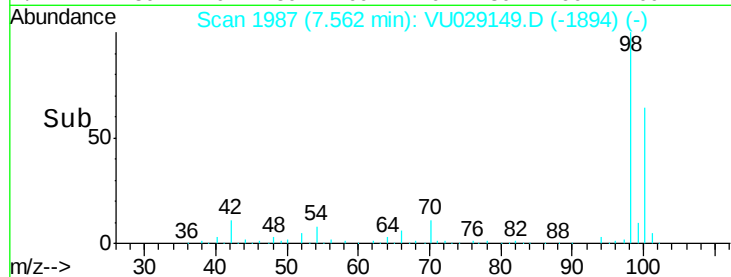
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.895 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU029149.D

Acq: 11 Jan 2019 18:18

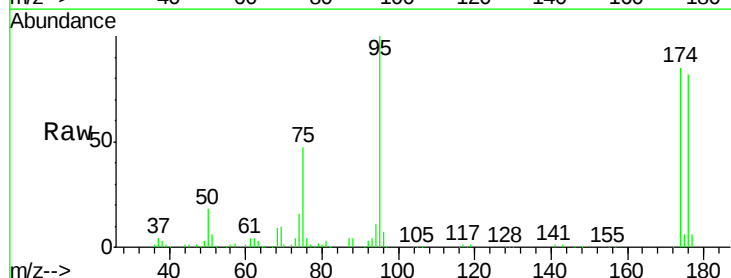
Tgt Ion: 95 Resp: 119370

Ion Ratio Lower Upper

95 100

174 84.4 0.0 170.6

176 81.8 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)

100000

80000

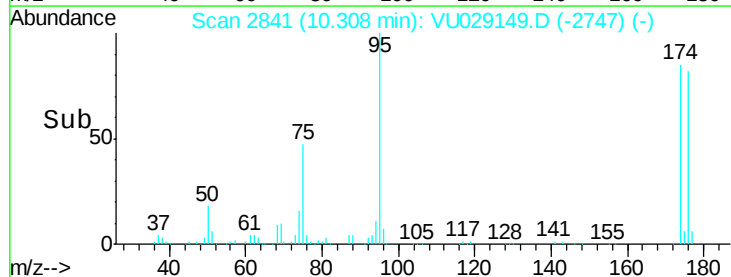
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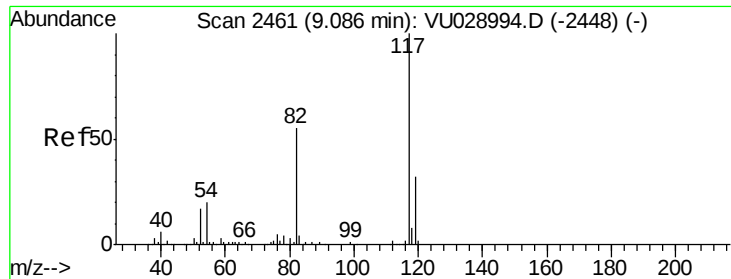
40000

20000

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Time-->

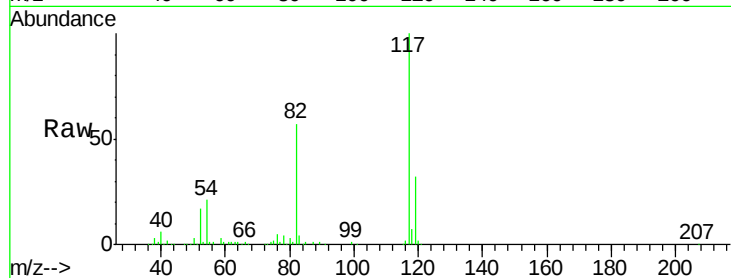




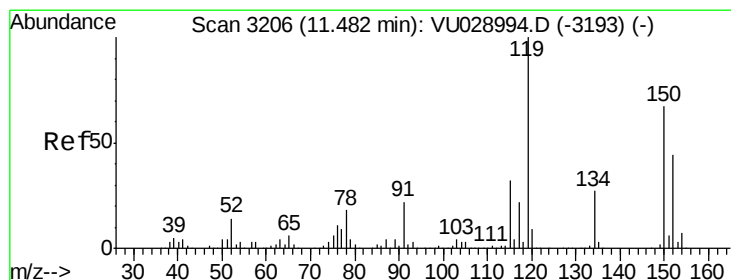
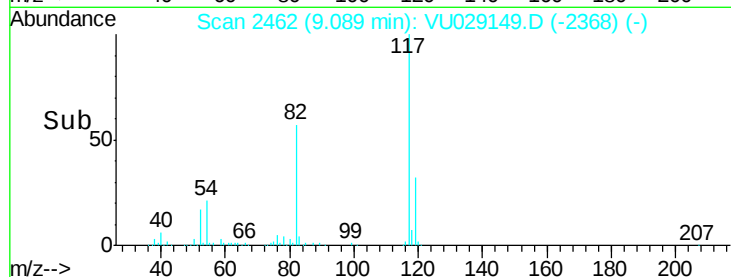
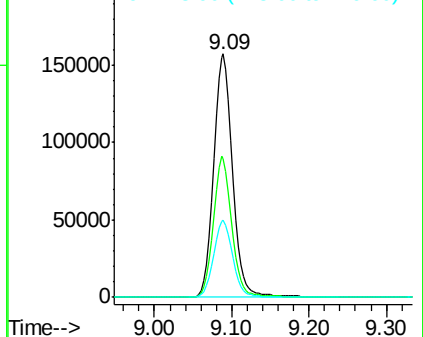
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029149.D
Acq: 11 Jan 2019 18:18

Instrument :
MSVOA_U
ClientSampleId :
MW-101

Tot Ion:117 Resp: 274754
Ion Ratio Lower Upper
117 100
82 57.0 43.9 65.9
119 31.9 26.0 39.0

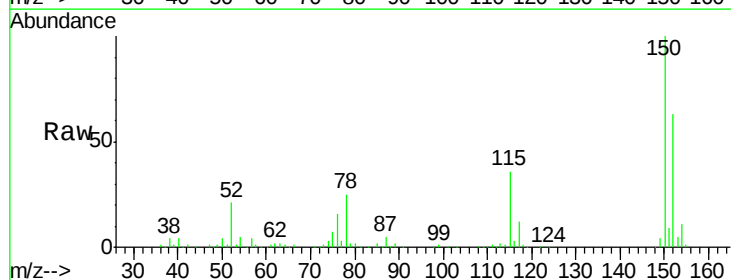


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029149.D
Acq: 11 Jan 2019 18:18

Tgt Ion:152 Resp: 110852
Ion Ratio Lower Upper
152 100
115 56.9 40.1 120.3
150 156.5 0.0 345.2



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

