

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028429.D
 Acq On : 03 Dec 2018 10:22
 Operator : MD/SY
 Sample : VU1203WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1203WBL01

Quant Time: Dec 04 07:07:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	308444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	569434	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	506565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	205108	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	249167	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	4.88	113	187285	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	7.56	98	727907	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	10.31	95	240373	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	

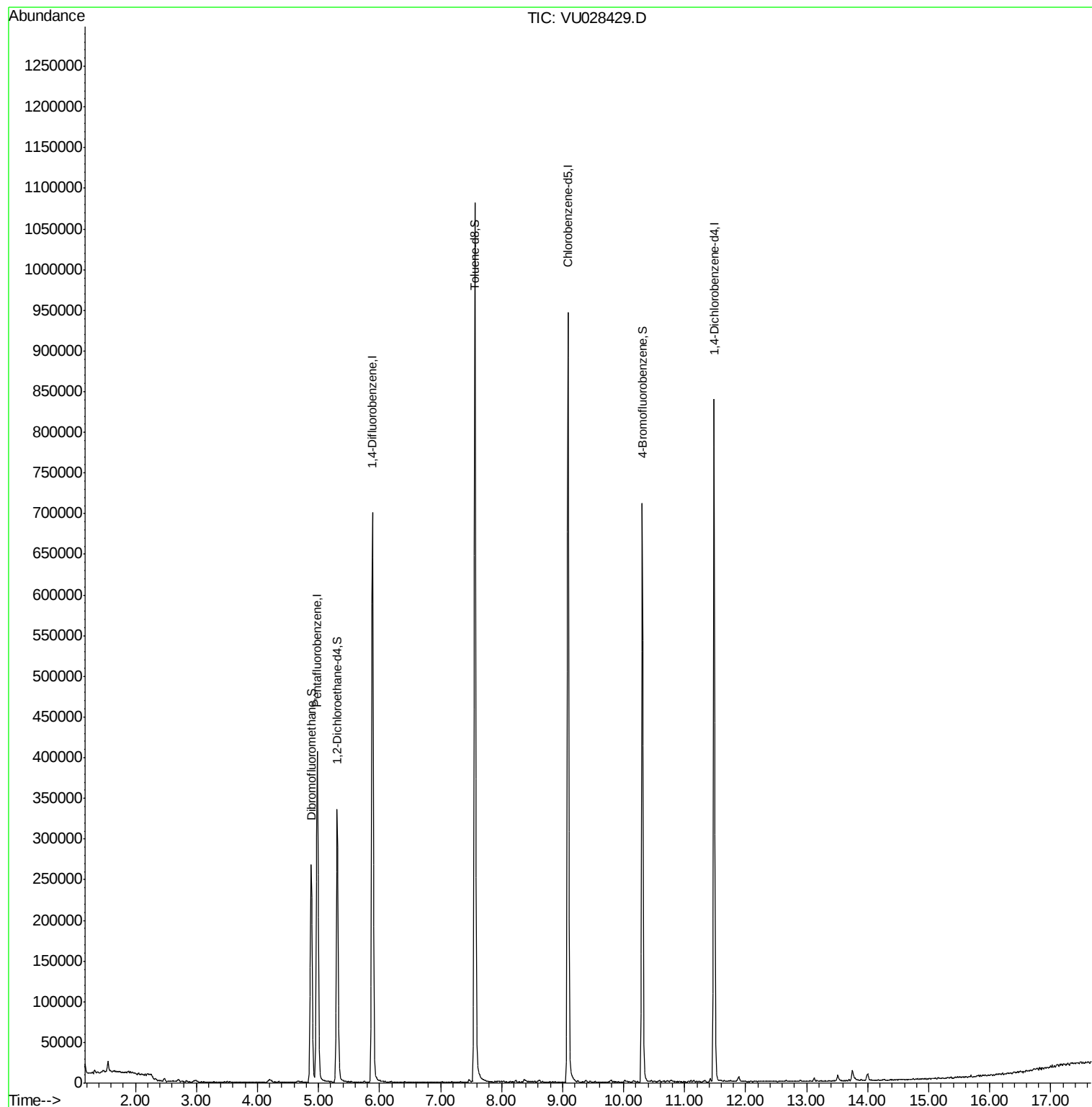
Target Compounds	Qvalue
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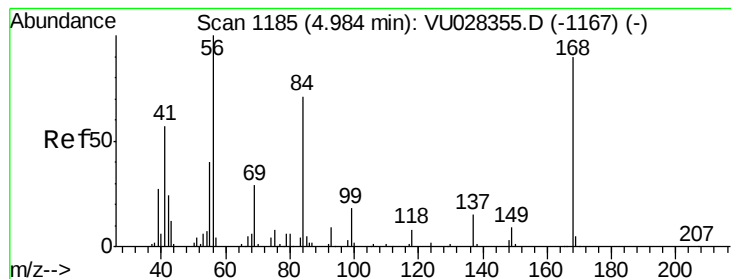
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028429.D

Acq: 03 Dec 2018 10:22

Instrument :

MSVOA_U

ClientSampleId :

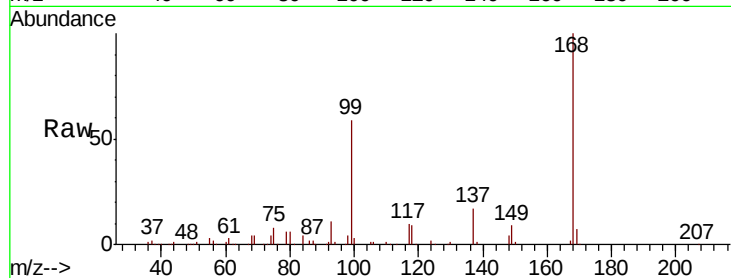
VU1203WBL01

Tot Ion:168 Resp: 308444

Ion Ratio Lower Upper

168 100

99 58.5 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

150000

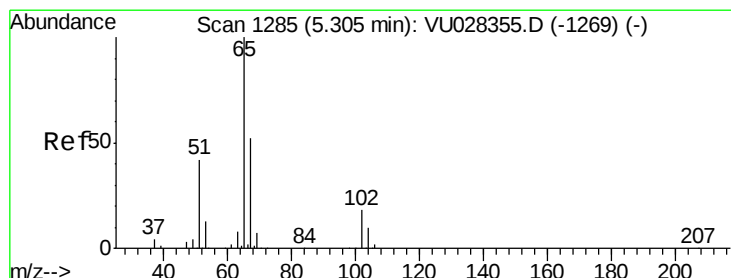
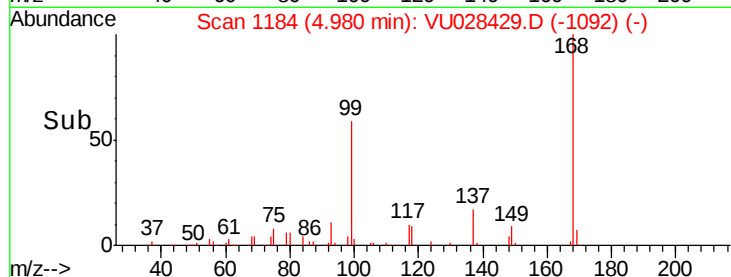
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.336 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028429.D

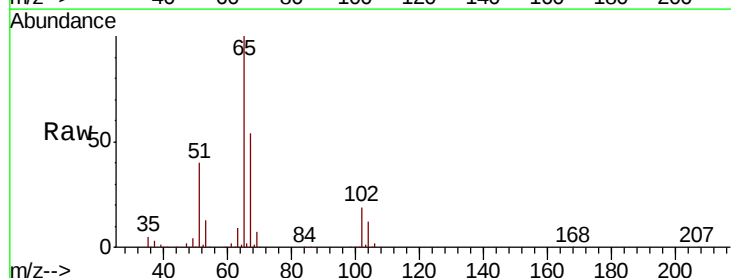
Acq: 03 Dec 2018 10:22

Tgt Ion: 65 Resp: 249167

Ion Ratio Lower Upper

65 100

67 54.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU028355.D (-1269) (-)

Ion 66.90 (66.60 to 67.60): VU028355.D (-1269) (-)

5.31

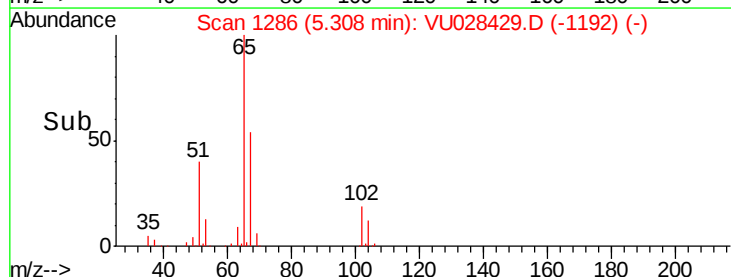
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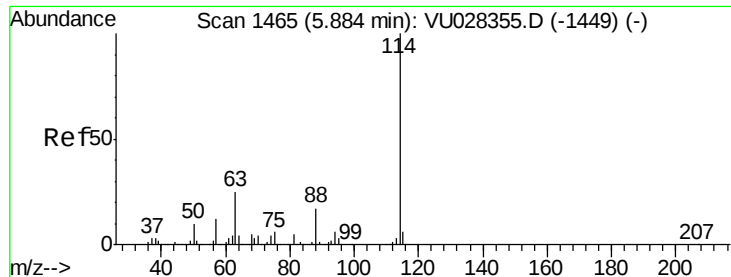
50000

0

5.20 5.30 5.40

Time-->

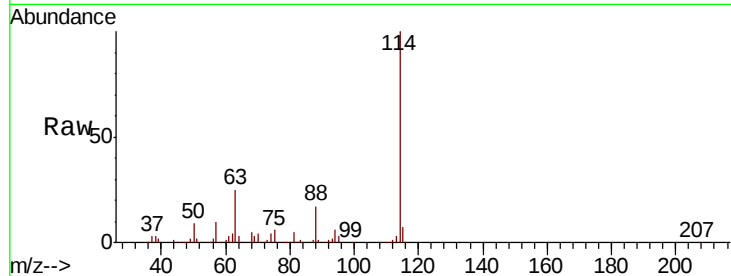




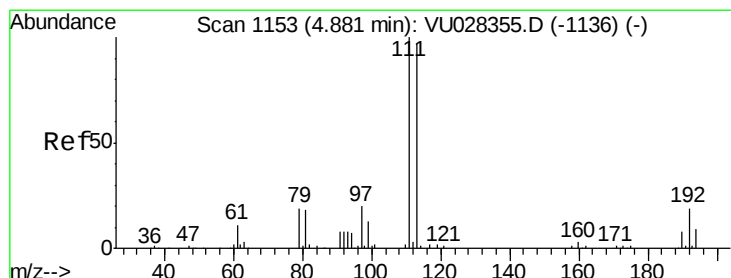
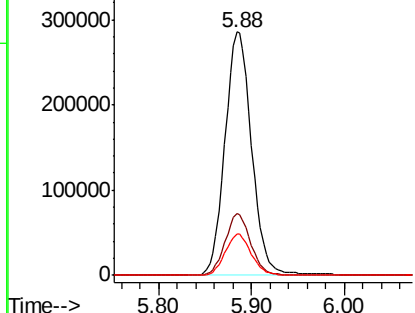
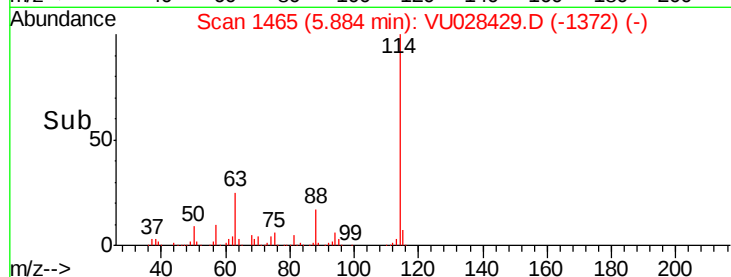
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028429.D
 Acq: 03 Dec 2018 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1203WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	50.0
88	17.0	0.0	34.4

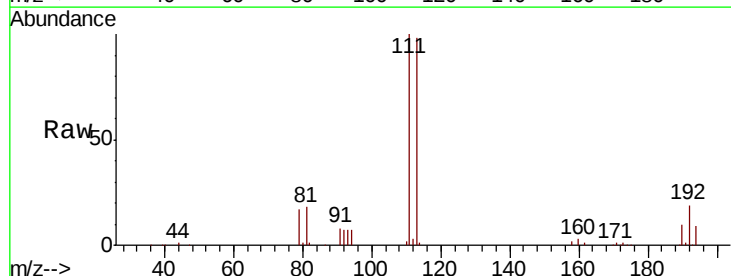


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

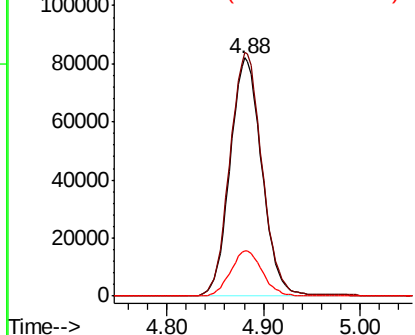
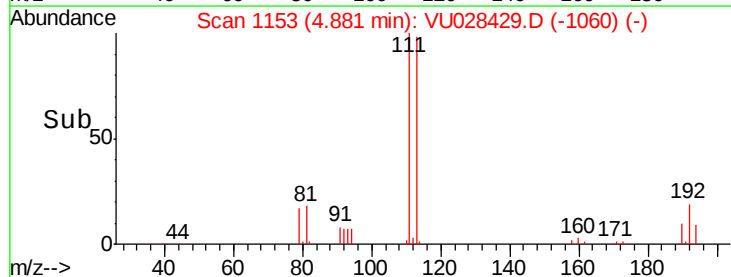


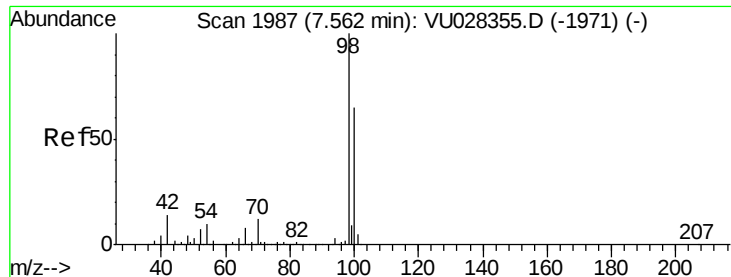
#35
 Dibromofluoromethane
 Concen: 49.461 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028429.D
 Acq: 03 Dec 2018 10:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	19.1	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: 48.068 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028429.D

Acq: 03 Dec 2018 10:22

Instrument :

MSVOA_U

ClientSampleId :

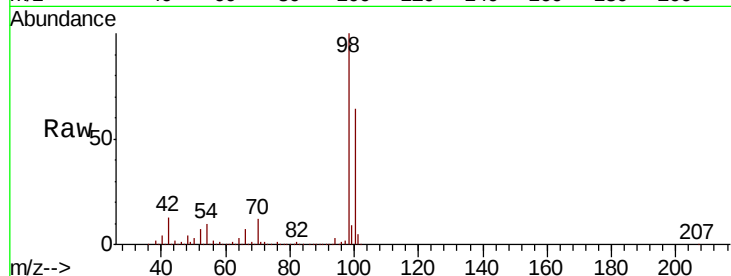
VU1203WBL01

Tot Ion: 98 Resp: 727907

Ion Ratio Lower Upper

98 100

100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028355.D (-1971) (-)

Ion 100.00 (99.70 to 100.70): VU028355.D (-1971) (-)

7.56

400000

300000

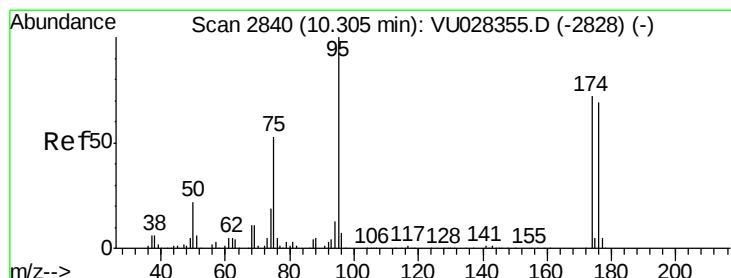
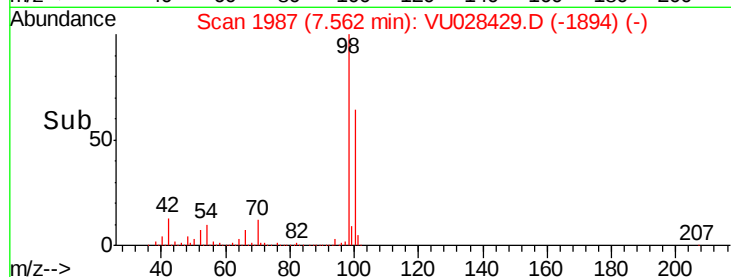
200000

100000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 44.040 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028429.D

Acq: 03 Dec 2018 10:22

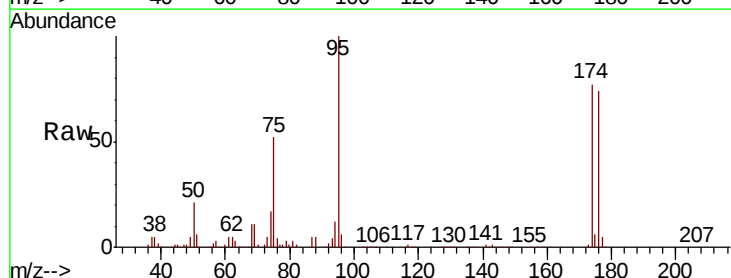
Tgt Ion: 95 Resp: 240373

Ion Ratio Lower Upper

95 100

174 76.4 0.0 145.4

176 73.2 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU028355.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028355.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028355.D (-2828) (-)

200000

150000

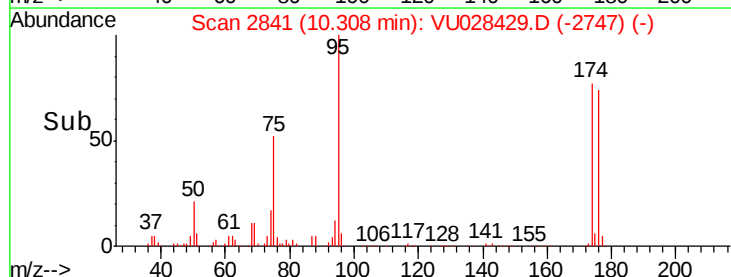
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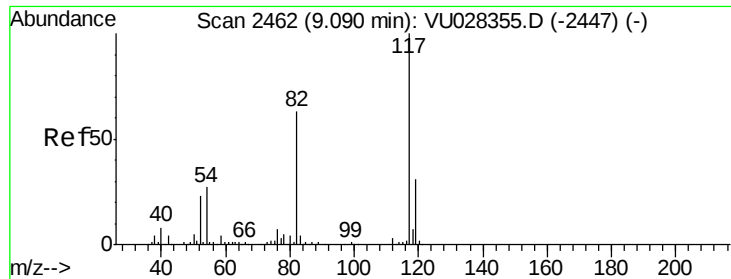
50000

0

10.20 10.30 10.40

Time-->

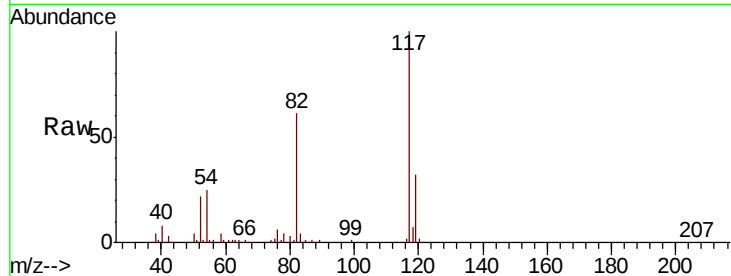




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028429.D
Acq: 03 Dec 2018 10:22

Instrument :
MSVOA_U
ClientSampleId :
VU1203WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	50.3	75.5
119	31.7	24.8	37.2

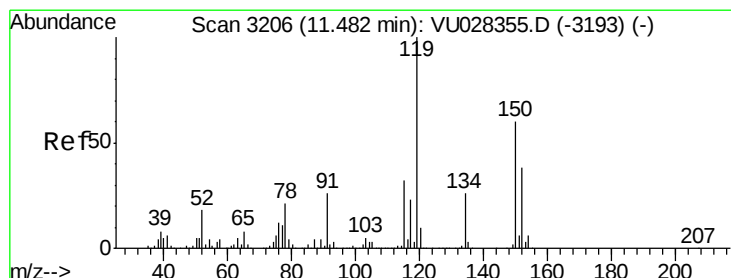
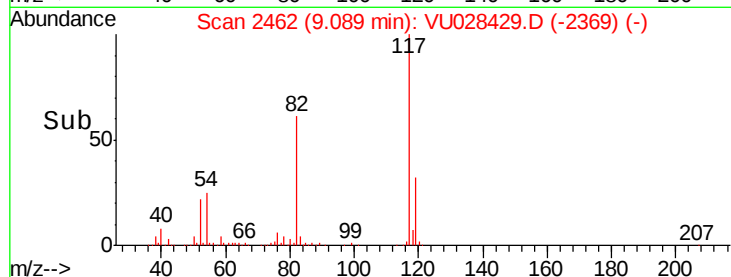
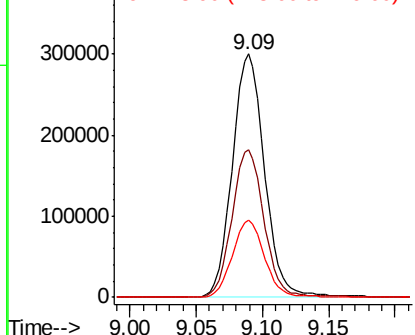


Abundance

Ion 116.90 (116.60 to 117.60): V

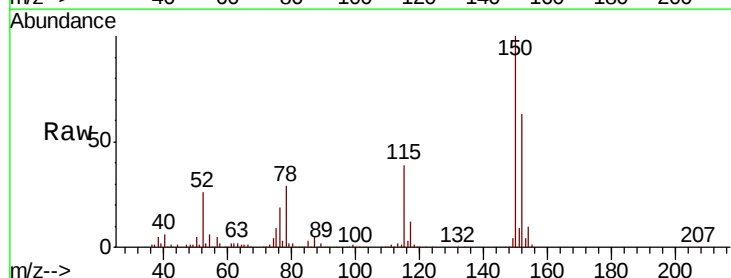
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028429.D
Acq: 03 Dec 2018 10:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	45.0	134.8
150	156.7	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

