

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
 Data File : VU027469.D
 Acq On : 05 Oct 2018 21:29
 Operator : MD/SY
 Sample : J5165-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-RB-092718

Quant Time: Oct 08 11:55:04 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	109058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	184723	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	95662	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	102958	56.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.08%	
35) Dibromofluoromethane	4.89	113	73698	58.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.42%	
50) Toluene-d8	7.57	98	281916	59.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.00%	
62) 4-Bromofluorobenzene	10.31	95	102003	57.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.86%	

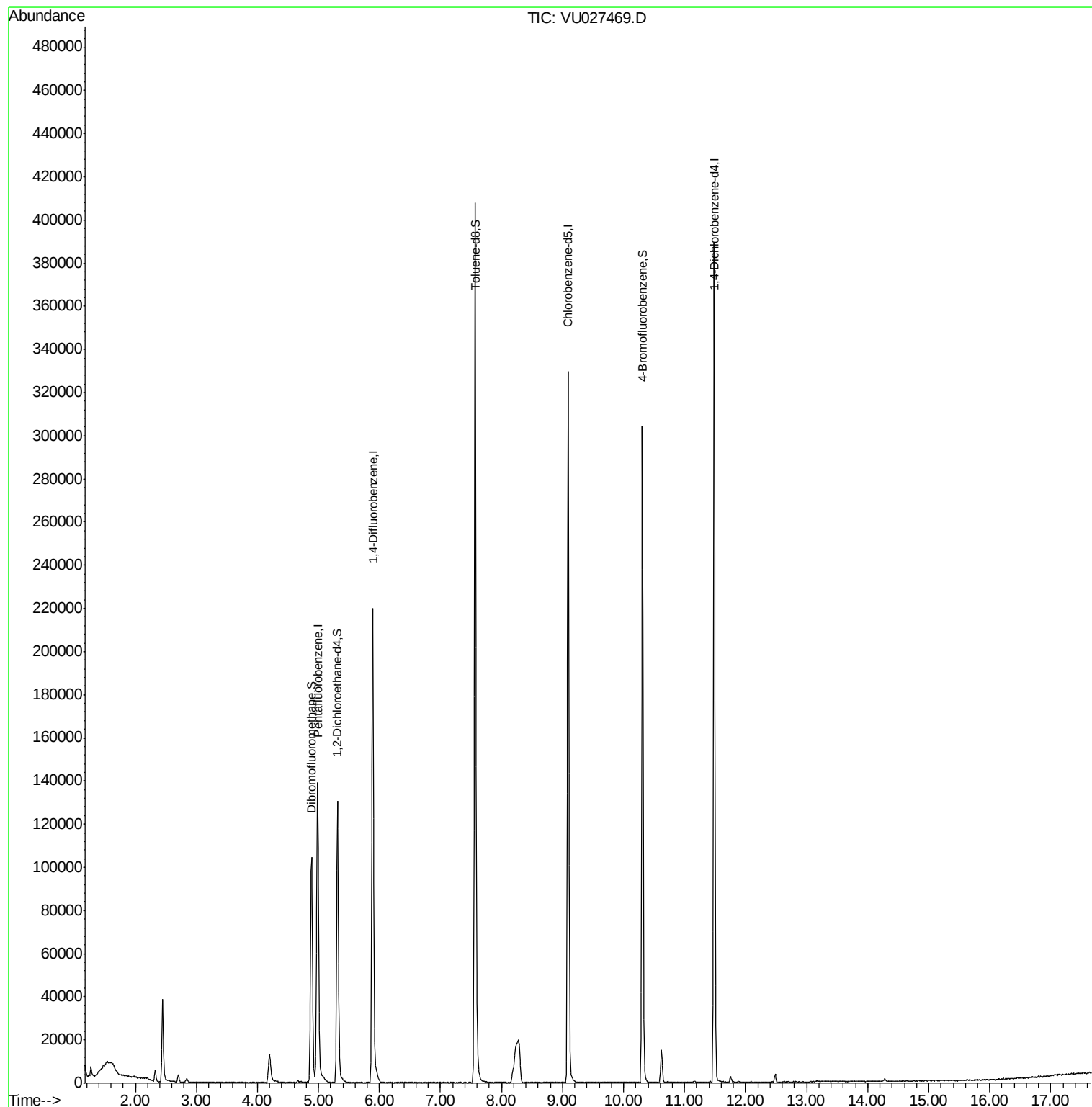
Target Compounds	Qvalue

(#) = 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# 1186

Delta R.T. 0.00 min

Lab File: VU027469.D

Acq: 05 Oct 2018 21:29

Instrument :

MSVOA_U

ClientSampleId :

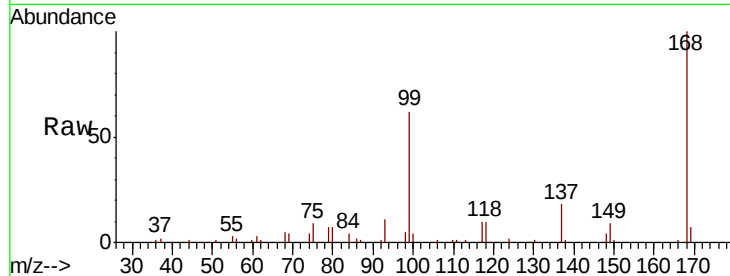
EP1-RB-092718

Tot Ion:168 Resp: 109058

Ion Ratio Lower Upper

168 100

99 62.4 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027469.D (-1092) (-)

4.99

50000

40000

30000

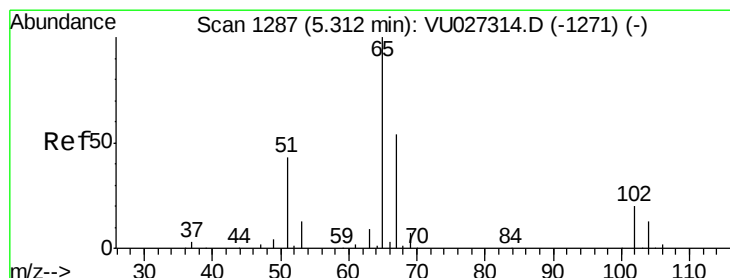
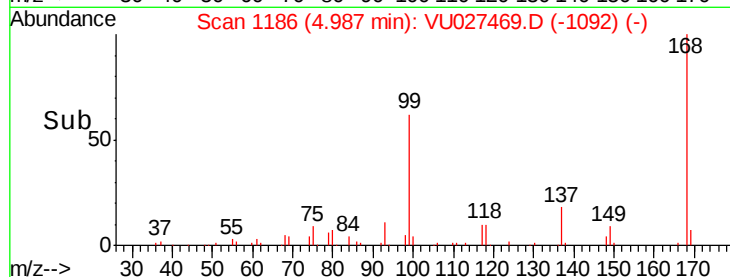
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.537 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027469.D

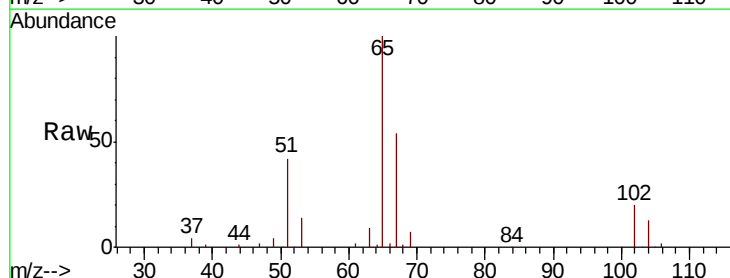
Acq: 05 Oct 2018 21:29

Tgt Ion: 65 Resp: 102958

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.8



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

Ion 66.90 (66.60 to 67.60): VU027469.D (-1194) (-)

5.31

50000

40000

30000

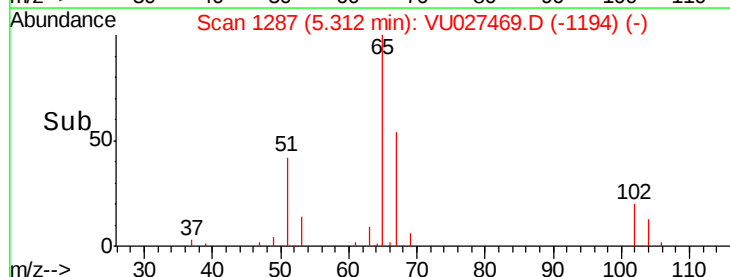
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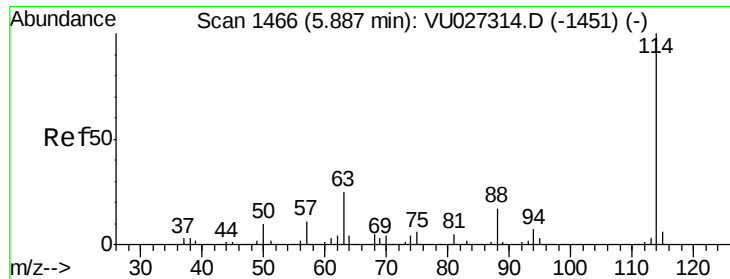
10000

0

5.20 5.30 5.40 5.50

Time-->

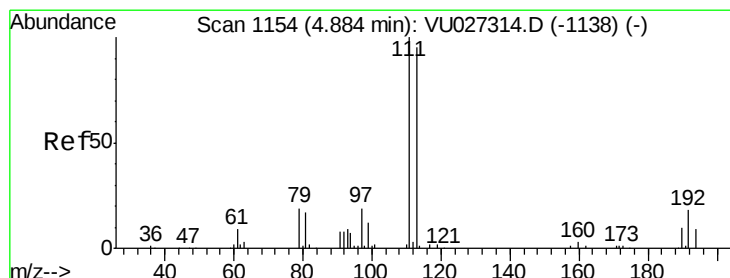
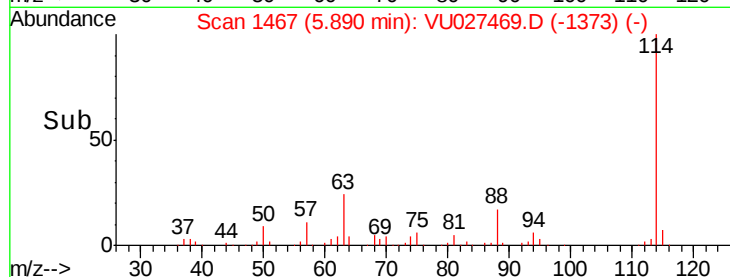
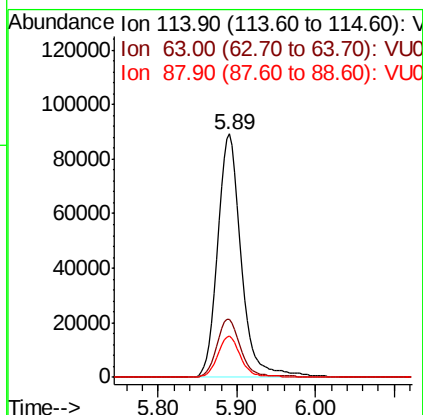
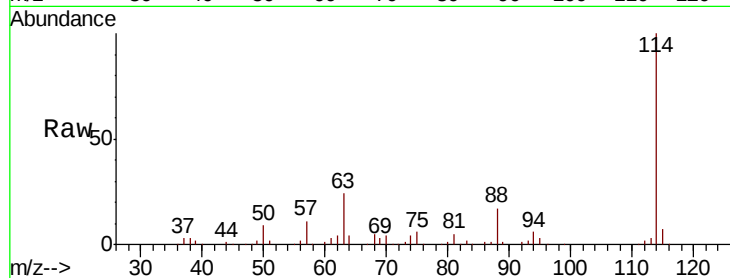




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027469.D
 Acq: 05 Oct 2018 21:29

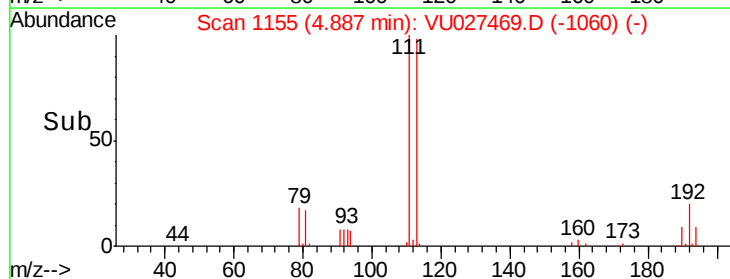
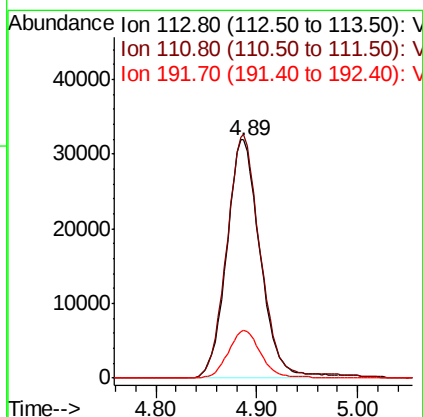
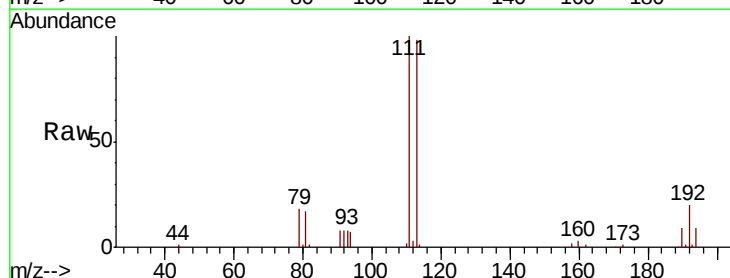
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-RB-092718

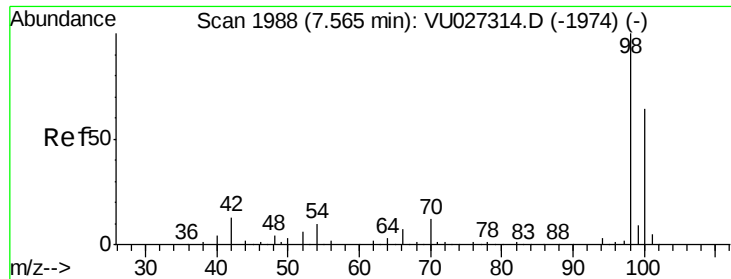
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	50.2
88	16.9	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 58.215 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027469.D
 Acq: 05 Oct 2018 21:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.1	124.7
192	19.3	15.4	23.0





#50

Toluene-d8

Concen: 59.500 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027469.D

Acq: 05 Oct 2018 21:29

Instrument :

MSVOA_U

ClientSampleId :

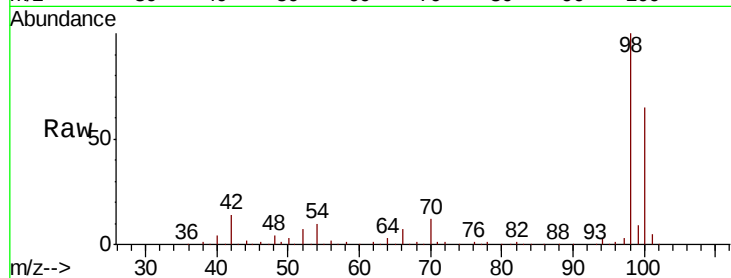
EP1-RB-092718

Tot Ion: 98 Resp: 281916

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

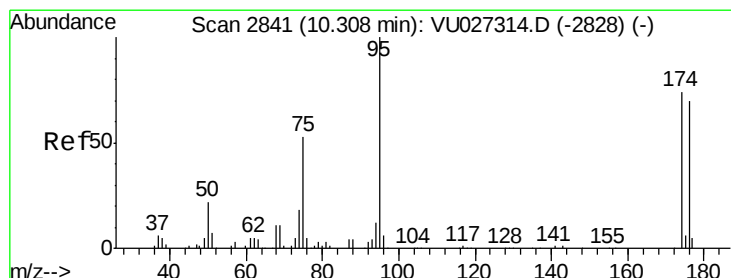
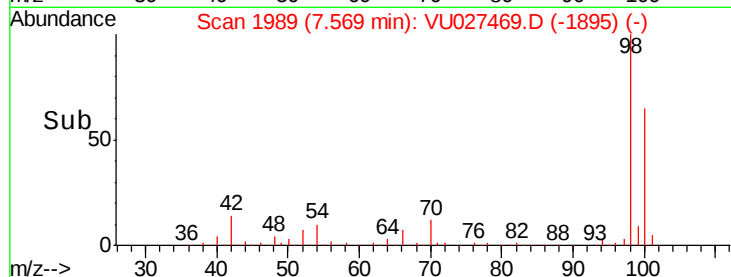
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 57.928 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027469.D

Acq: 05 Oct 2018 21:29

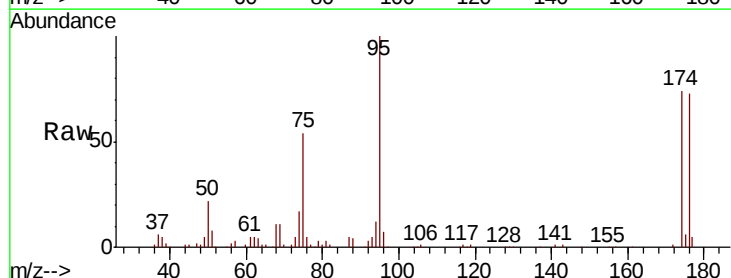
Tgt Ion: 95 Resp: 102003

Ion Ratio Lower Upper

95 100

174 74.5 0.0 147.8

176 72.6 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

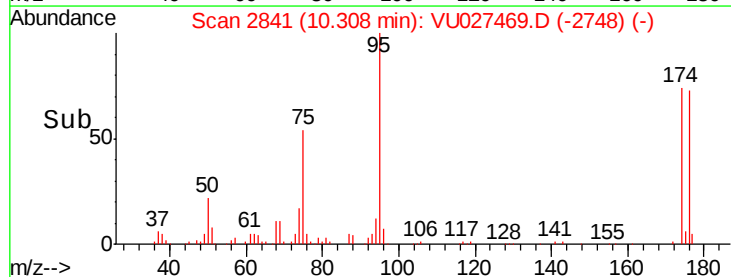
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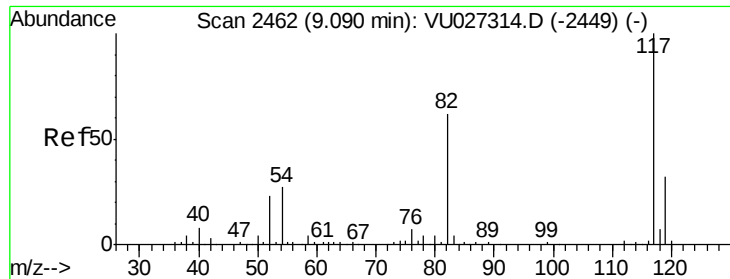
20000

0

10.30 10.40

Time-->

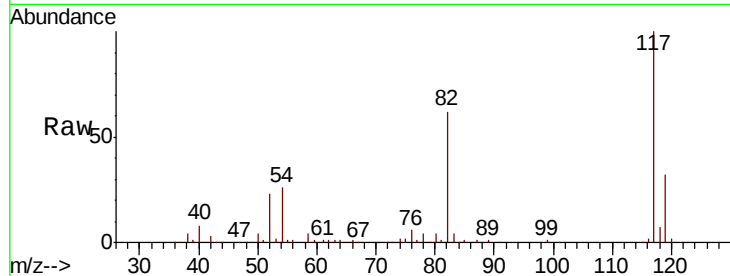




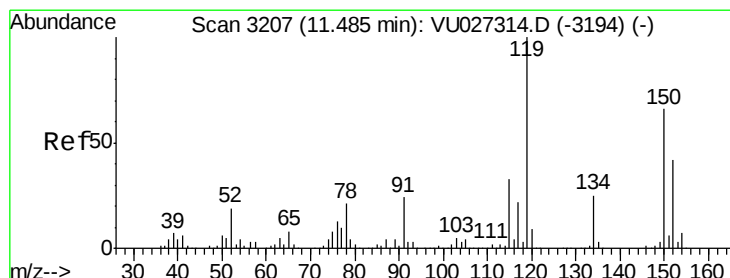
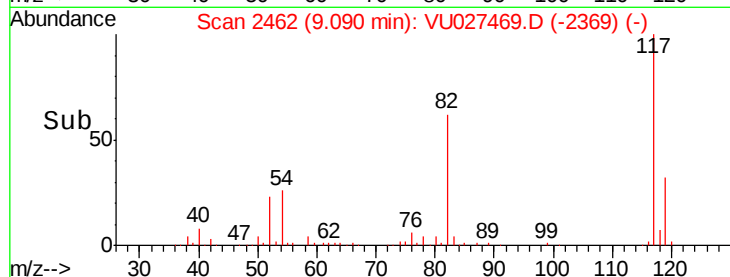
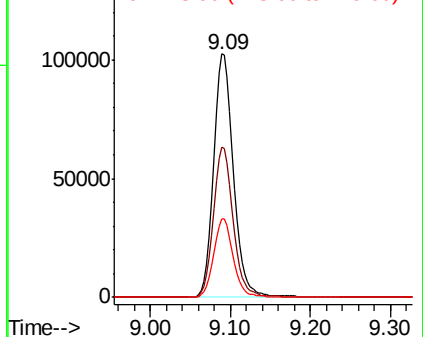
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027469.D
Acq: 05 Oct 2018 21:29

Instrument :
MSVOA_U
ClientSampleId :
EP1-RB-092718

Tot Ion:117 Resp: 177232
Ion Ratio Lower Upper
117 100
82 61.8 49.2 73.8
119 32.1 25.7 38.5

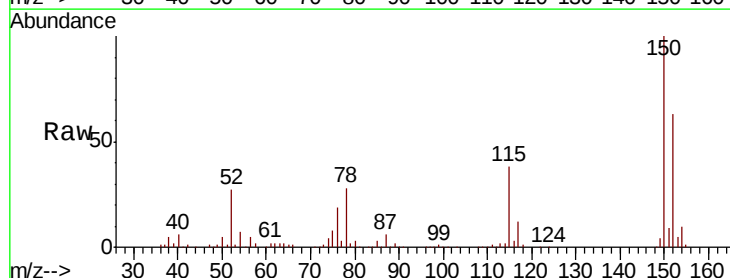


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027469.D
Acq: 05 Oct 2018 21:29

Tgt Ion:152 Resp: 95662
Ion Ratio Lower Upper
152 100
115 60.3 43.4 130.2
150 156.5 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

