

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
 Data File : VU027466.D
 Acq On : 05 Oct 2018 20:20
 Operator : MD/SY
 Sample : J5237-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FBSOIL

Quant Time: Oct 06 01:58:59 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	109784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	184179	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	178125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	97028	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	102981	56.18	ug/l	0.00
Spiked Amount			Recovery	=	112.36%	
35) Dibromofluoromethane	4.89	113	73474	58.21	ug/l	0.00
Spiked Amount			Recovery	=	116.42%	
50) Toluene-d8	7.57	98	279983	59.27	ug/l	0.00
Spiked Amount			Recovery	=	118.54%	
62) 4-Bromofluorobenzene	10.31	95	104688	59.63	ug/l	0.00
Spiked Amount			Recovery	=	119.26%	

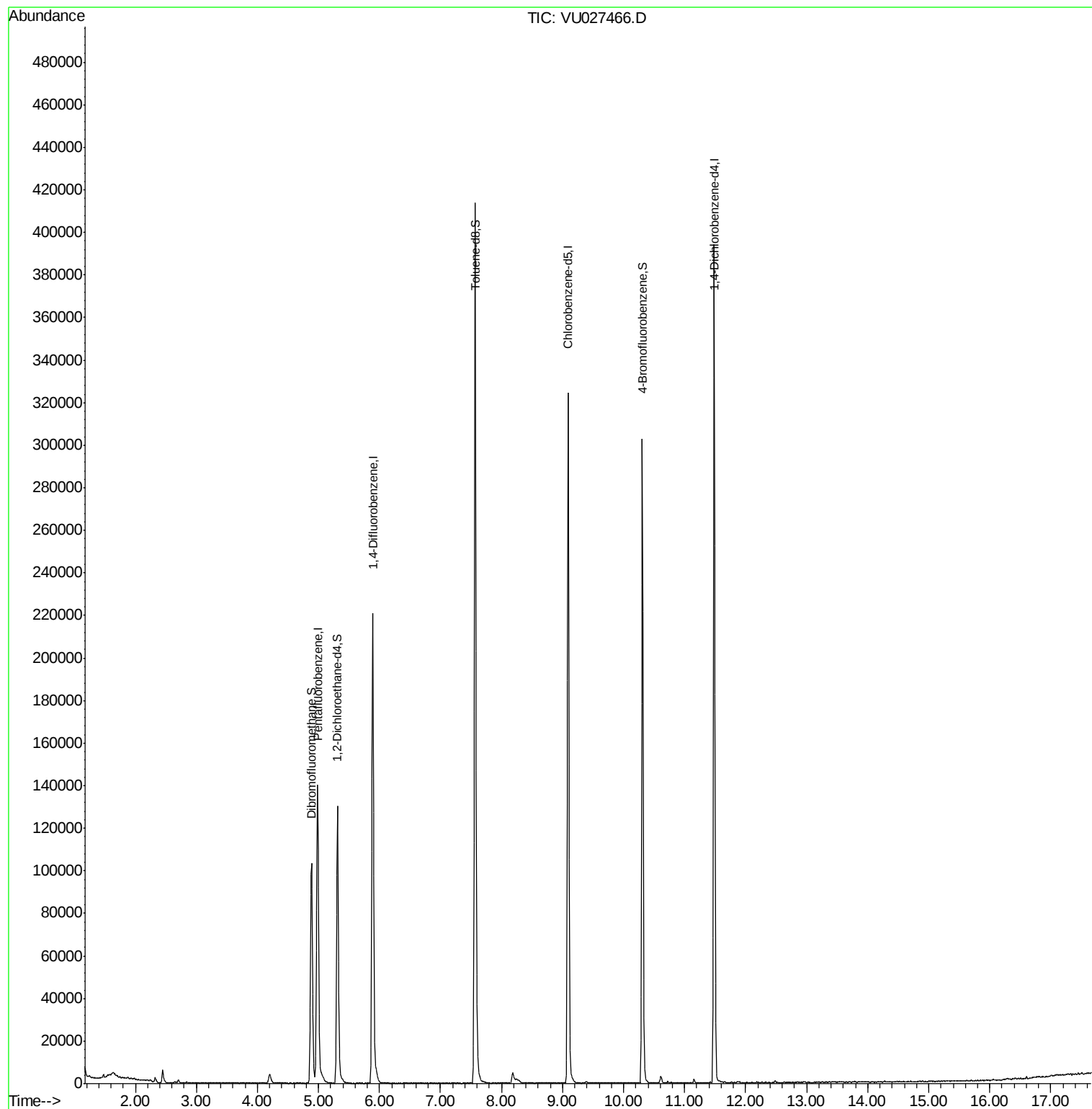
Target Compounds	Qvalue
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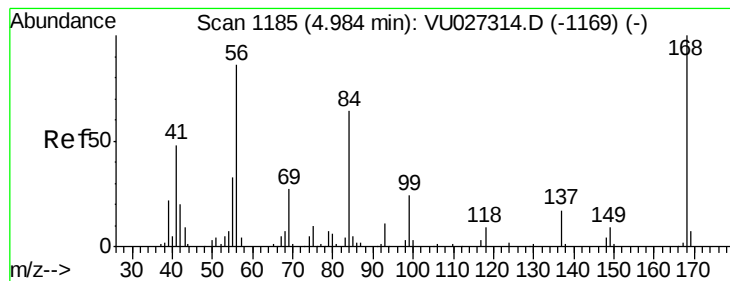
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027466.D

Acq: 05 Oct 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

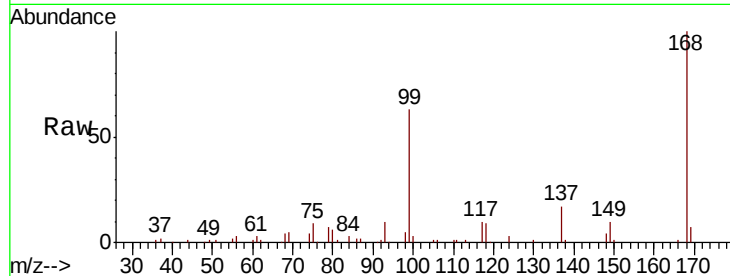
FBSOIL

Tot Ion:168 Resp: 109784

Ion Ratio Lower Upper

168 100

99 63.0 50.8 76.2



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

Ion 98.90 (98.60 to 99.60): VU027466.D (-1092) (-)

4.99

50000

40000

30000

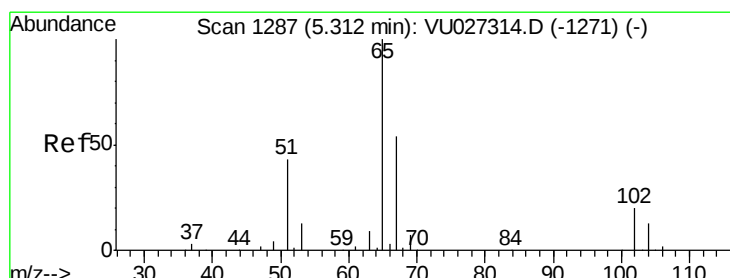
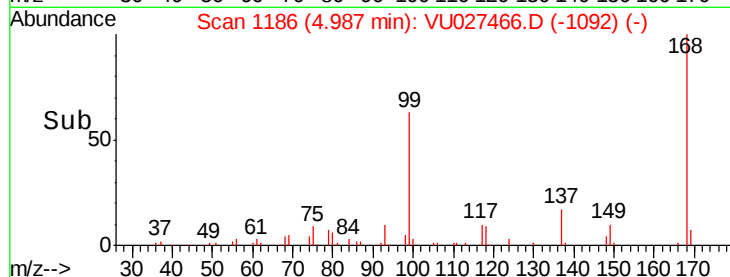
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.176 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027466.D

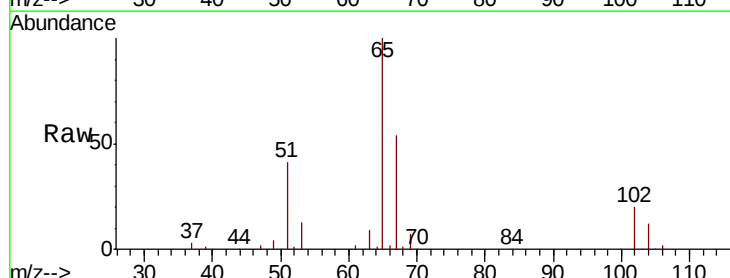
Acq: 05 Oct 2018 20:20

Tgt Ion: 65 Resp: 102981

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.8



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

Ion 66.90 (66.60 to 67.60): VU027466.D (-1194) (-)

5.31

50000

40000

30000

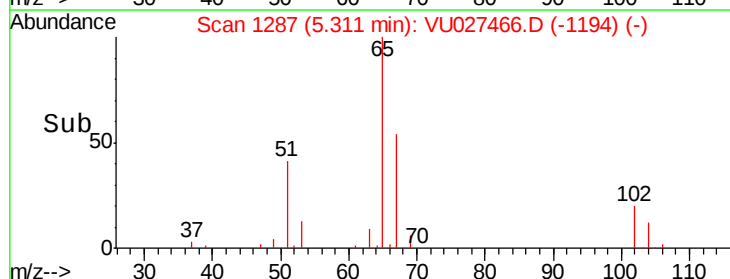
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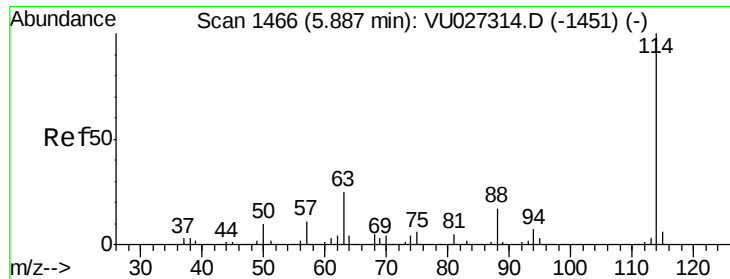
10000

0

5.20 5.30 5.40

Time-->

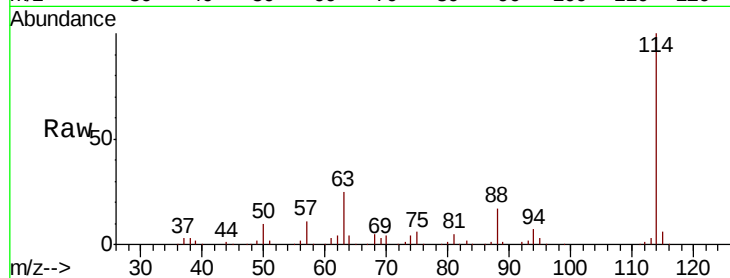




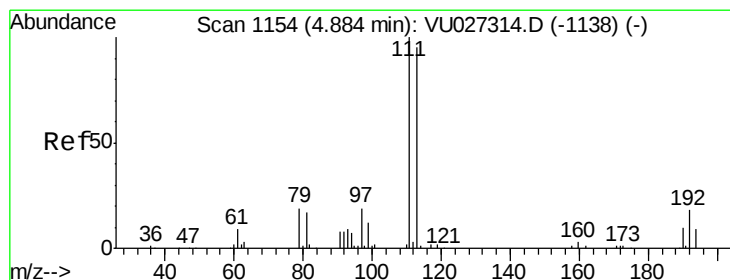
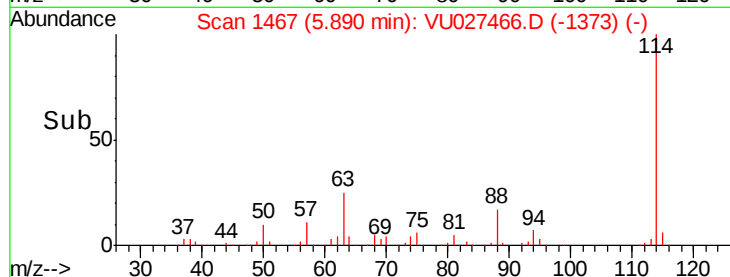
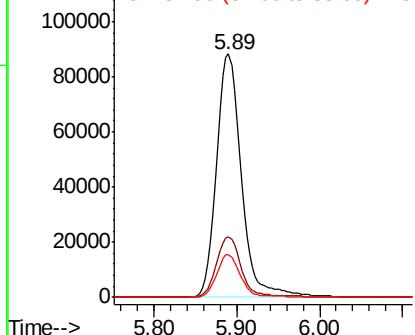
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027466.D
 Acq: 05 Oct 2018 20:20

Instrument :
 MSVOA_U
 ClientSampleId :
 FBSOIL

Tot Ion:114 Resp: 184179
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 50.2
 88 17.5 0.0 33.8

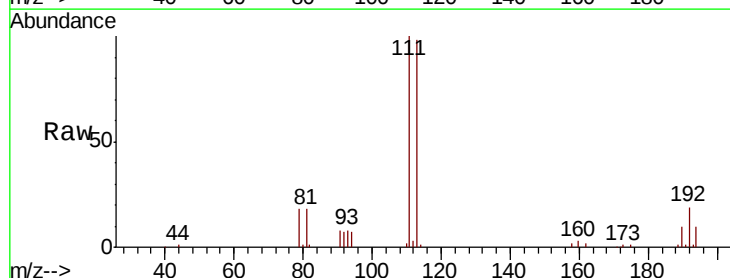


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

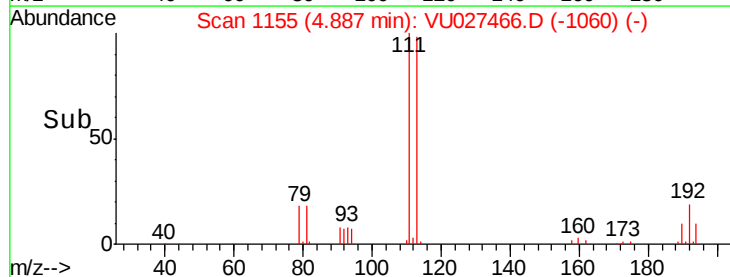
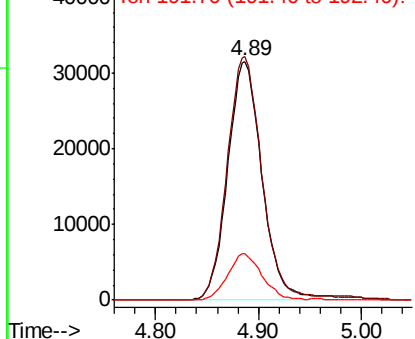


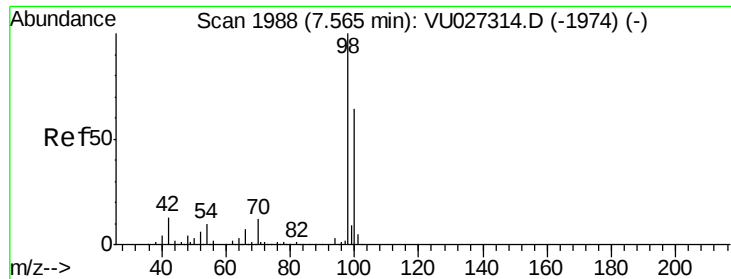
#35
 Dibromofluoromethane
 Concen: 58.209 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027466.D
 Acq: 05 Oct 2018 20:20

Tgt Ion:113 Resp: 73474
 Ion Ratio Lower Upper
 113 100
 111 102.6 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: 59.266 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027466.D

Acq: 05 Oct 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

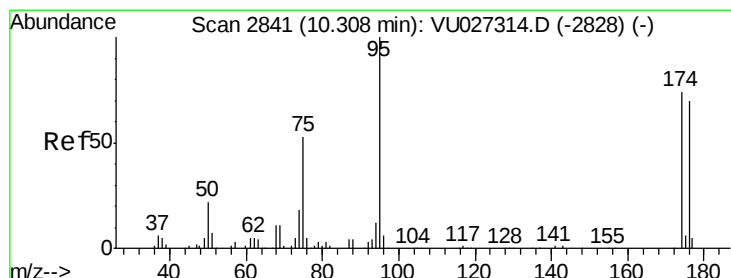
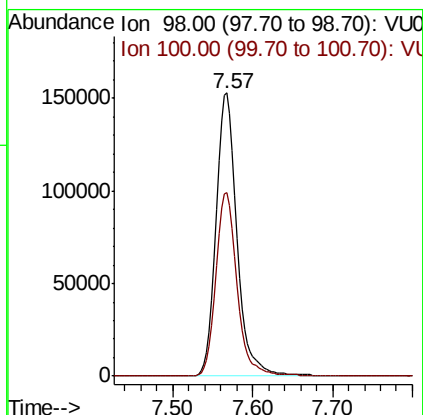
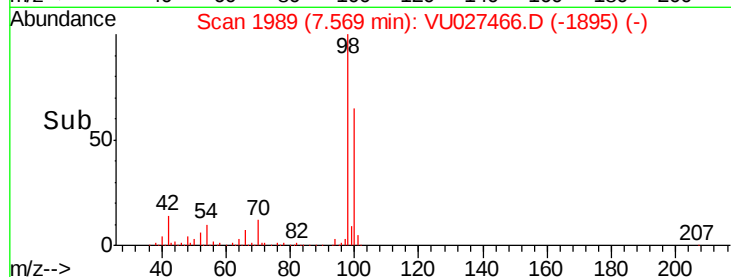
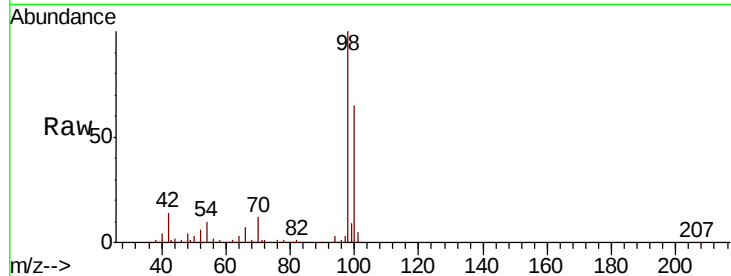
FBSOIL

Tot Ion: 98 Resp: 279983

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 59.628 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027466.D

Acq: 05 Oct 2018 20:20

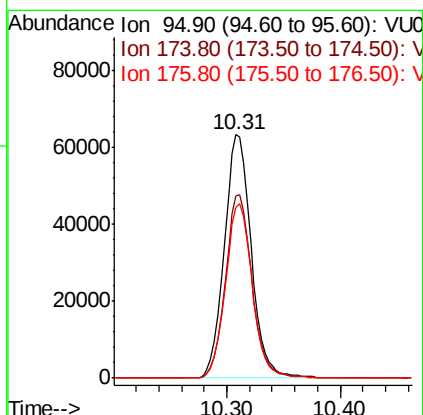
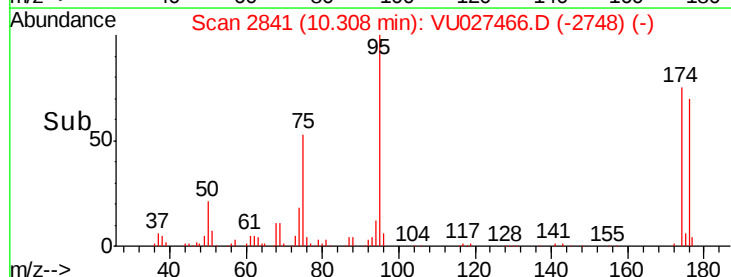
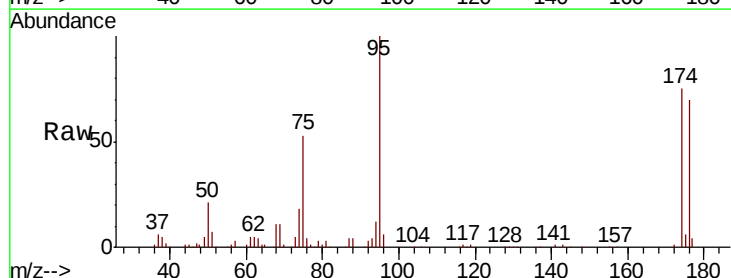
Tgt Ion: 95 Resp: 104688

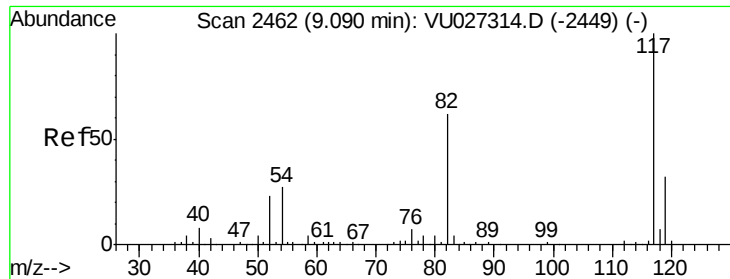
Ion Ratio Lower Upper

95 100

174 74.2 0.0 147.8

176 71.4 0.0 140.8

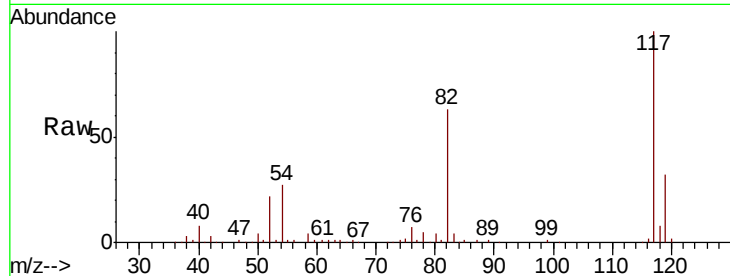




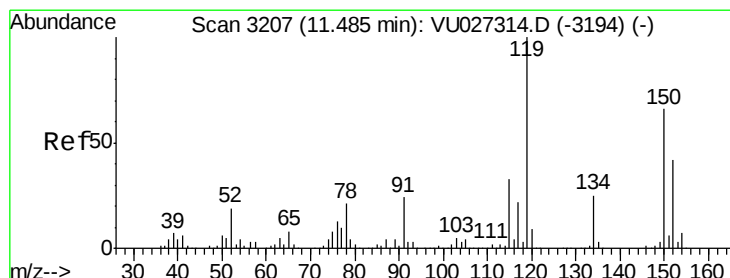
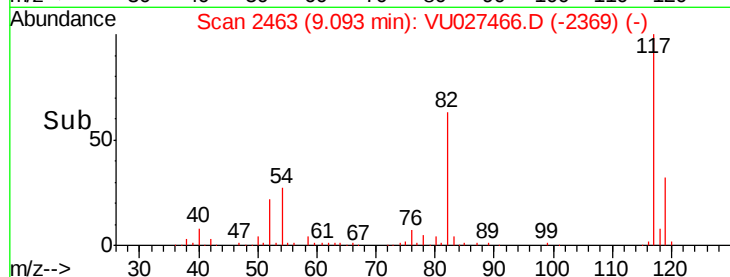
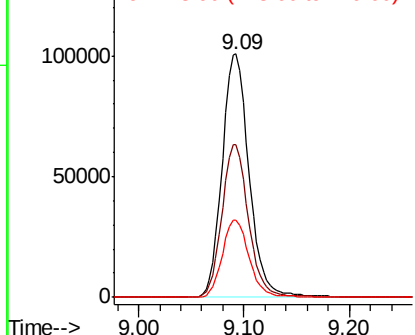
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027466.D
Acq: 05 Oct 2018 20:20

Instrument :
MSVOA_U
ClientSampleId :
FBSOIL

Tot Ion:117 Resp: 178125
Ion Ratio Lower Upper
117 100
82 63.0 49.2 73.8
119 31.9 25.7 38.5

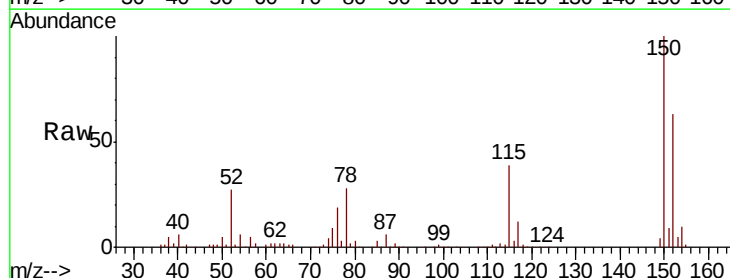


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027466.D
Acq: 05 Oct 2018 20:20

Tgt Ion:152 Resp: 97028
Ion Ratio Lower Upper
152 100
115 60.0 43.4 130.2
150 156.9 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

