

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
 Data File : VU028683.D
 Acq On : 14 Dec 2018 15:14
 Operator : MD/SY
 Sample : J6393-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB-2018-12-11

Quant Time: Dec 15 00:59:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	78502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	138630	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	126318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	49583	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	64214	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
35) Dibromofluoromethane	4.88	113	47827	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
50) Toluene-d8	7.57	98	179879	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
62) 4-Bromofluorobenzene	10.31	95	57354	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

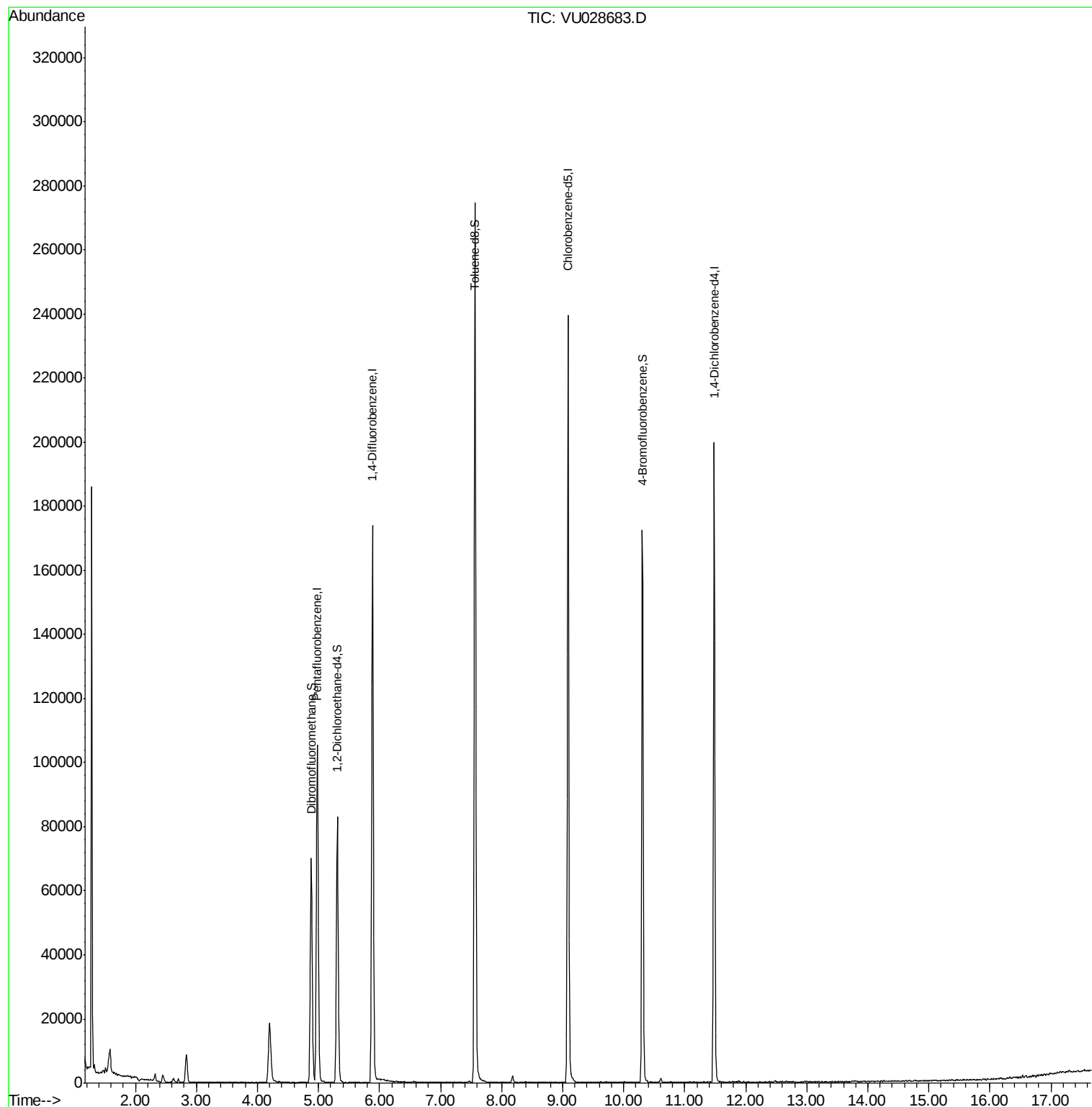
Target Compounds	Qvalue
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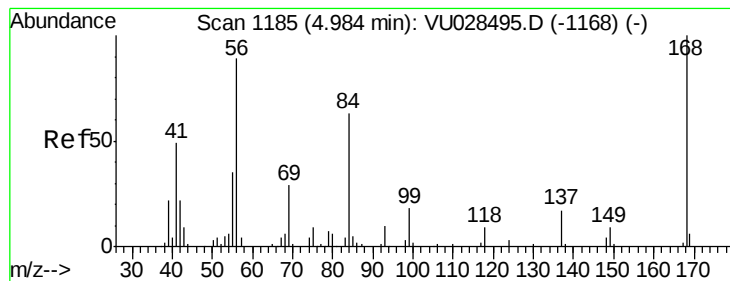
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028683.D

Acq: 14 Dec 2018 15:14

Instrument :

MSVOA_U

ClientSampleId :

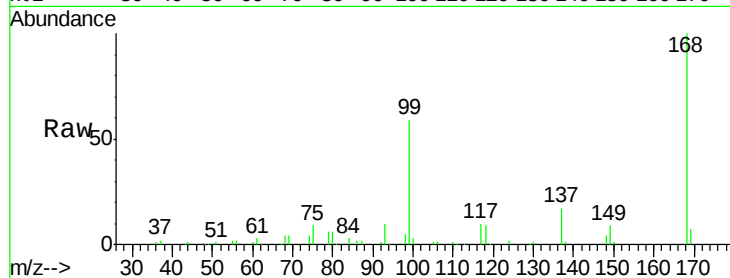
FB-2018-12-11

Tgt Ion:168 Resp: 78502

Ion Ratio Lower Upper

168 100

99 58.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

30000

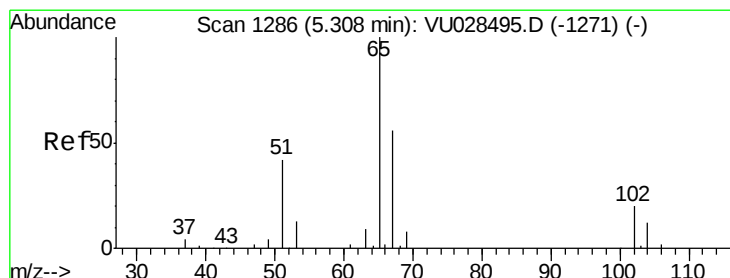
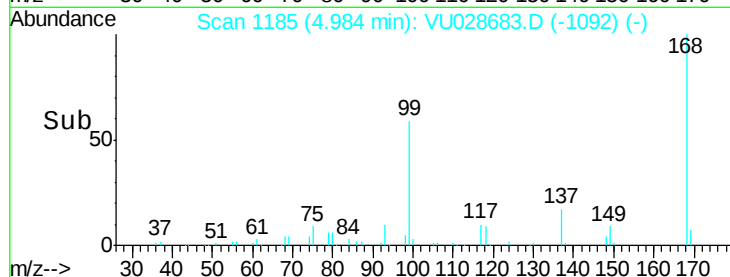
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.601 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028683.D

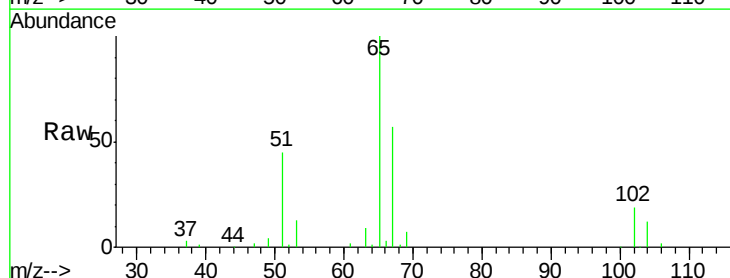
Acq: 14 Dec 2018 15:14

Tgt Ion: 65 Resp: 64214

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

30000

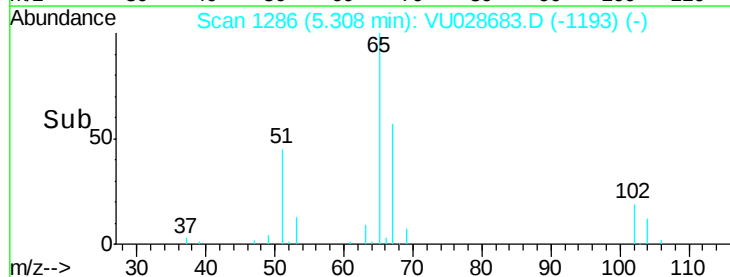
20000

10000

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: VU028683.D

Acq: 14 Dec 2018 15:14

Instrument :

MSVOA_U

ClientSampleId :

FB-2018-12-11

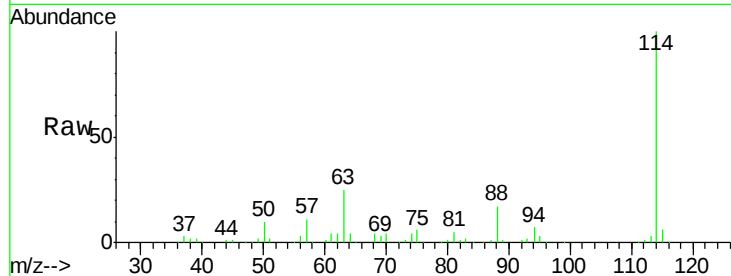
Tgt Ion:114 Resp: 138630

Ion Ratio Lower Upper

114 100

63 25.1 0.0 49.2

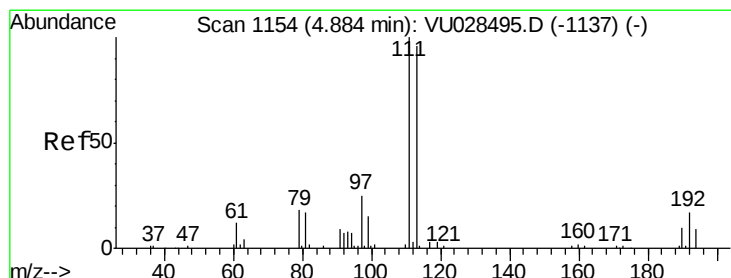
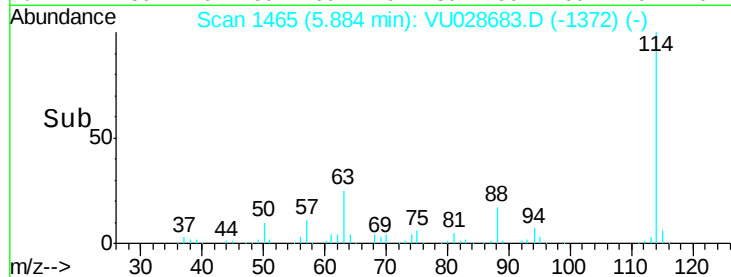
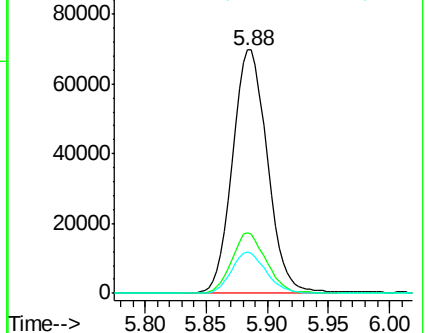
88 16.7 0.0 33.4



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: 54.822 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028683.D

Acq: 14 Dec 2018 15:14

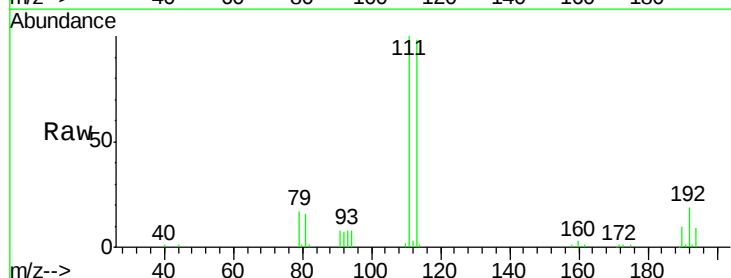
Tgt Ion:113 Resp: 47827

Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.0

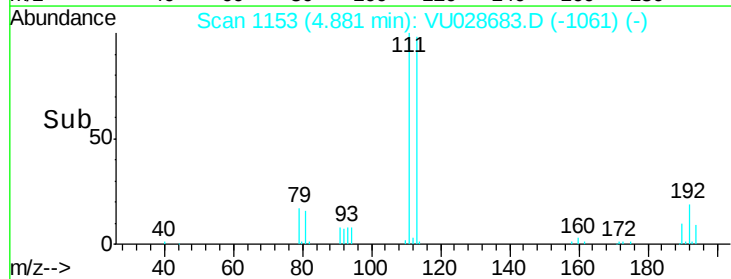
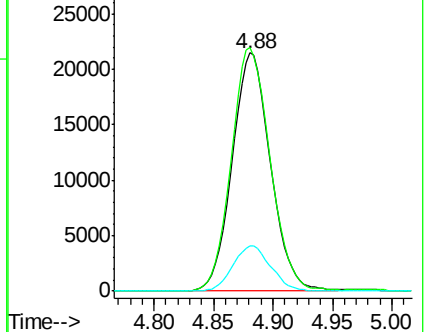
192 18.8 14.8 22.2

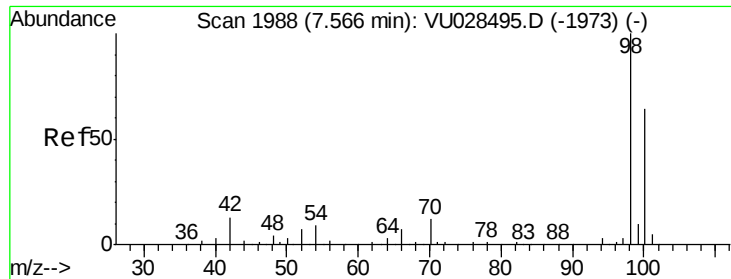


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.122 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028683.D

Acq: 14 Dec 2018 15:14

Instrument :

MSVOA_U

ClientSampleId :

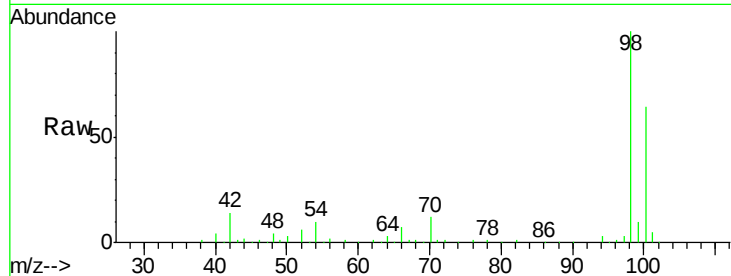
FB-2018-12-11

Tgt Ion: 98 Resp: 179879

Ion Ratio Lower Upper

98 100

100 63.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.57

120000

100000

80000

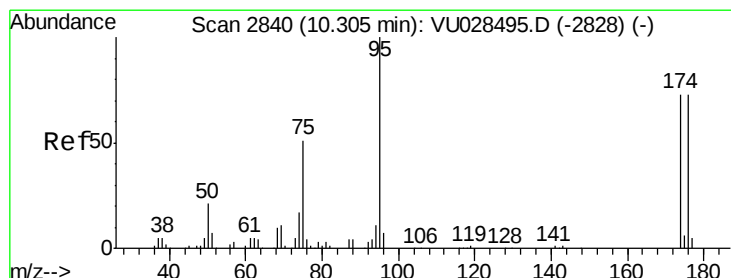
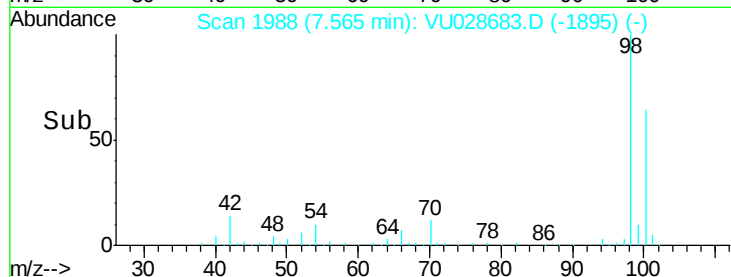
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.464 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028683.D

Acq: 14 Dec 2018 15:14

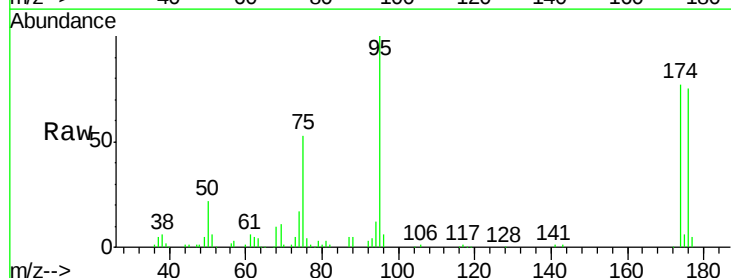
Tgt Ion: 95 Resp: 57354

Ion Ratio Lower Upper

95 100

174 77.7 0.0 150.4

176 74.1 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

10.31

40000

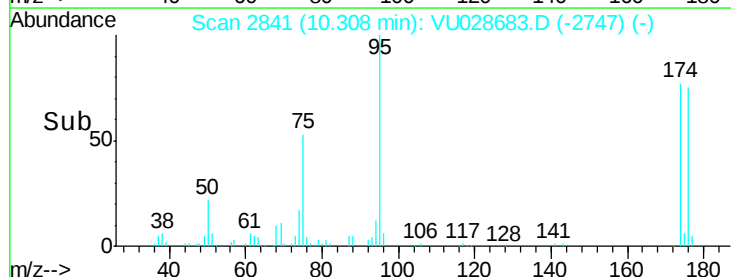
30000

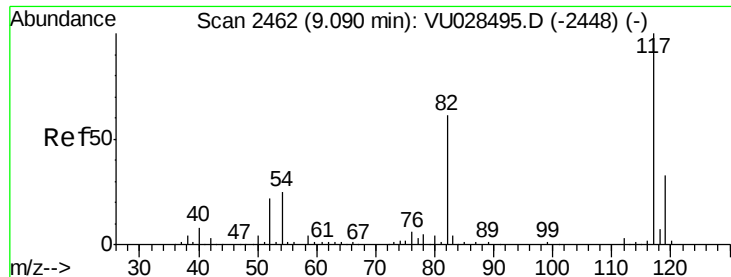
20000

10000

0

Time-->

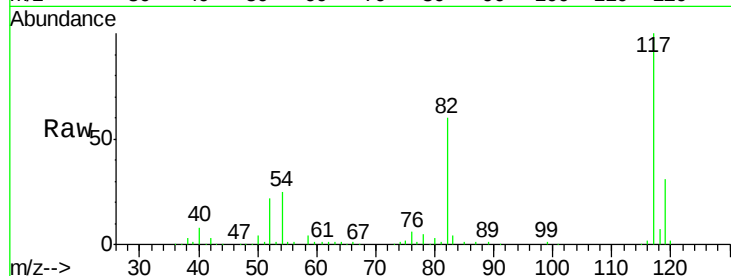




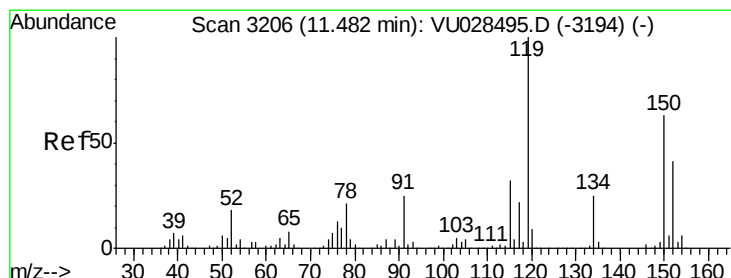
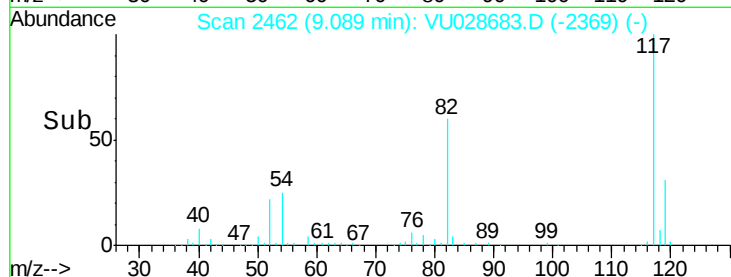
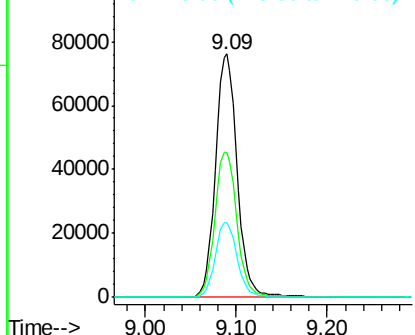
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028683.D
Acq: 14 Dec 2018 15:14

Instrument :
MSVOA_U
ClientSampleId :
FB-2018-12-11

Tgt Ion:117 Resp: 126318
Ion Ratio Lower Upper
117 100
82 59.7 48.9 73.3
119 30.9 26.2 39.4

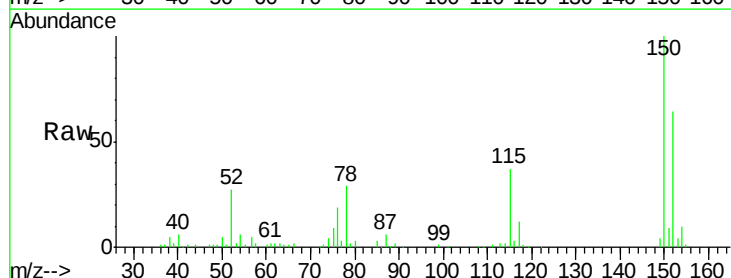


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028683.D
Acq: 14 Dec 2018 15:14

Tgt Ion:152 Resp: 49583
Ion Ratio Lower Upper
152 100
115 57.9 42.7 128.1
150 155.0 0.0 346.0



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

