

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121918\
 Data File : VU028784.D
 Acq On : 19 Dec 2018 11:19
 Operator : MD/SY
 Sample : J6449-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-2018-12-14

Quant Time: Dec 20 05:53:34 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	128162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	216886	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	197271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	79711	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	82434	42.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.30%	
35) Dibromofluoromethane	4.88	113	70895	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	7.56	98	274800	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	10.30	95	88768	43.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.98%	

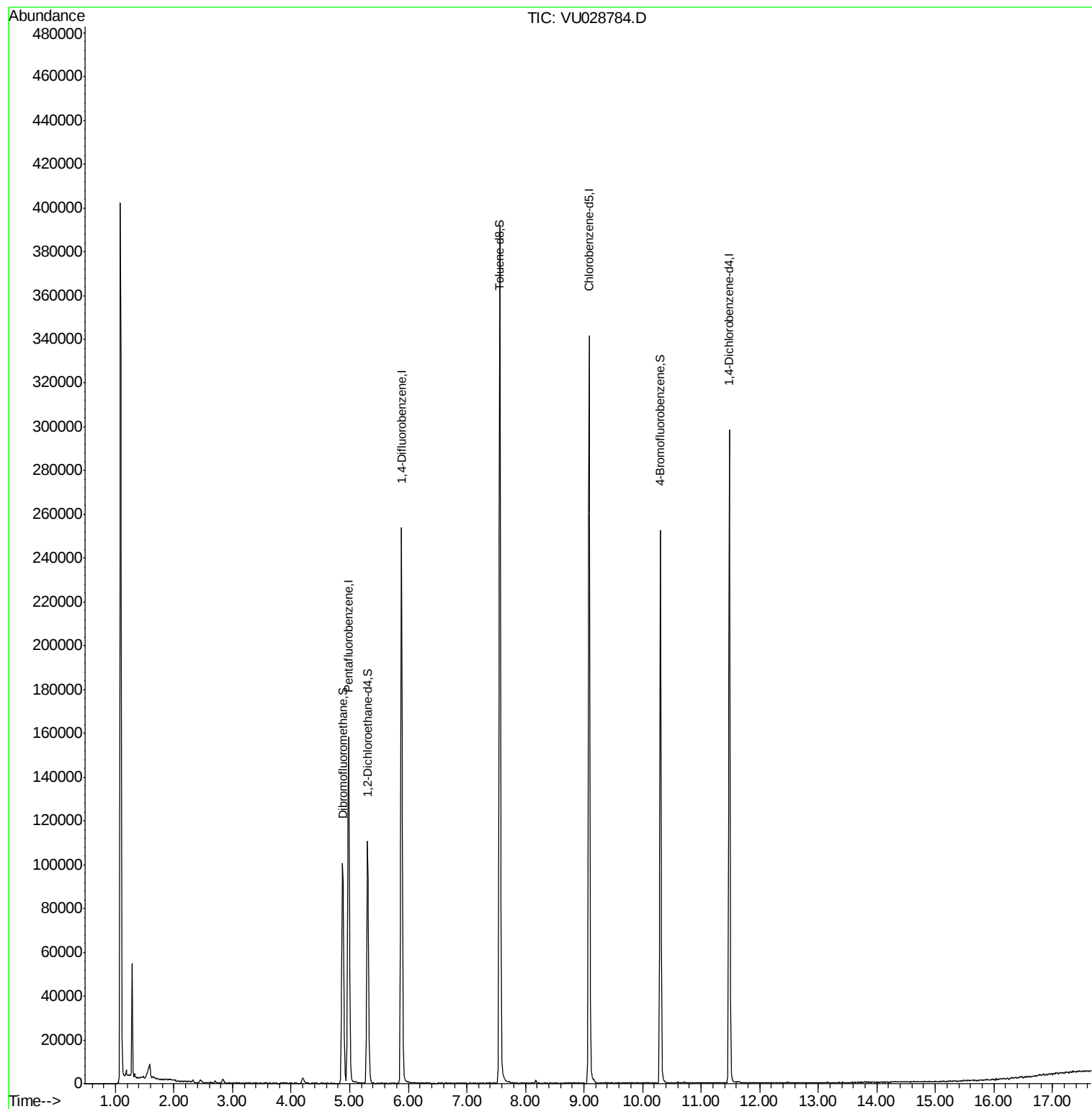
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1400

Delta R.T. -0.00 min

Lab File: VU028784.D

Acq: 19 Dec 2018 11:19

Instrument :

MSVOA_U

ClientSampleId :

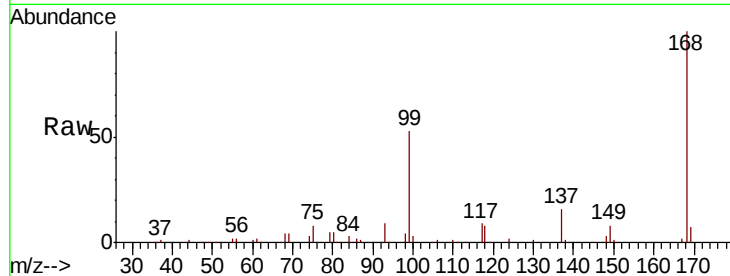
TB-2018-12-14

Tot Ion:168 Resp: 128162

Ion Ratio Lower Upper

168 100

99 52.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028784.D (-1308) (-)

Ion 98.90 (98.60 to 99.60): VU028784.D (-1308) (-)

4.98

60000

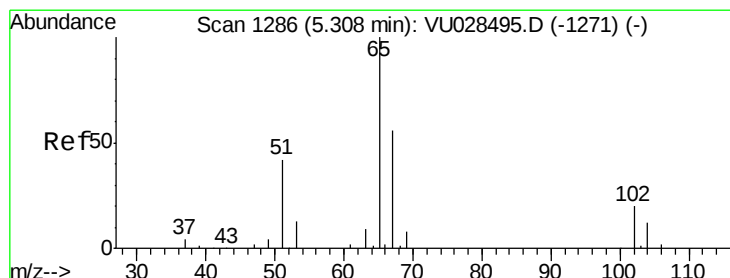
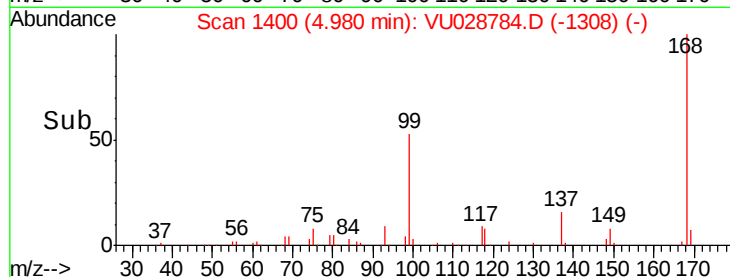
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.148 ug/l

RT: 5.31 min Scan# 1502

Delta R.T. -0.00 min

Lab File: VU028784.D

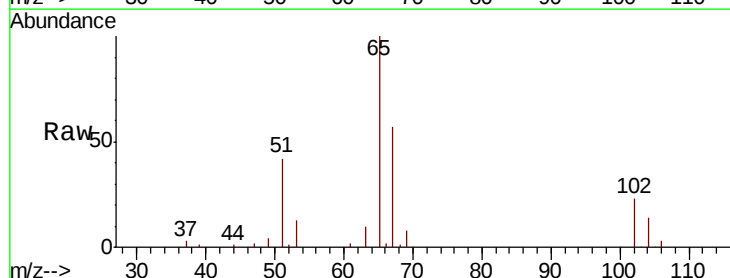
Acq: 19 Dec 2018 11:19

Tgt Ion: 65 Resp: 82434

Ion Ratio Lower Upper

65 100

67 56.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028784.D (-1409) (-)

Ion 66.90 (66.60 to 67.60): VU028784.D (-1409) (-)

5.31

40000

30000

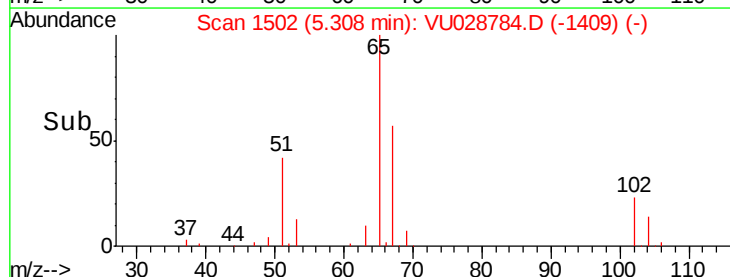
20000

10000

0

5.20 5.30 5.40

Time-->

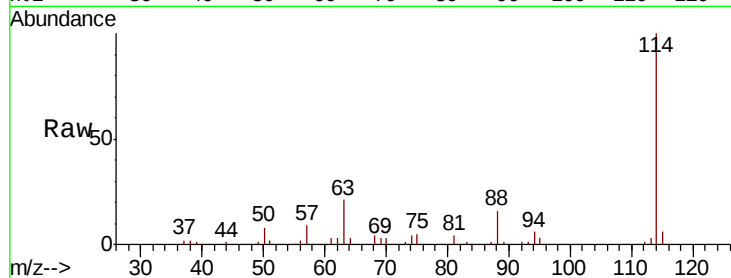




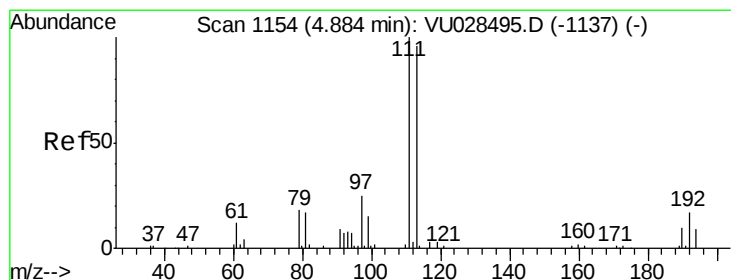
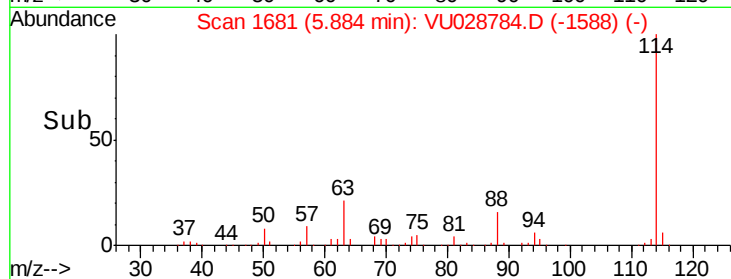
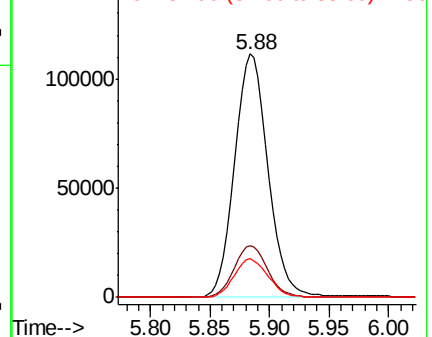
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VU028784.D
Acq: 19 Dec 2018 11:19

Instrument :
MSVOA_U
ClientSampleId :
TB-2018-12-14

Tot Ion:114 Resp: 216886
Ion Ratio Lower Upper
114 100
63 21.2 0.0 49.2
88 15.9 0.0 33.4

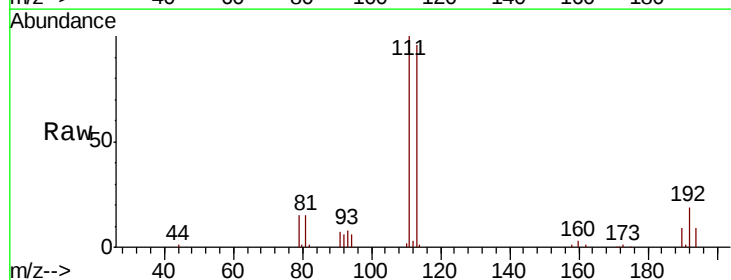


Abundance Ion 113.90 (113.60 to 114.60): V
150000 Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

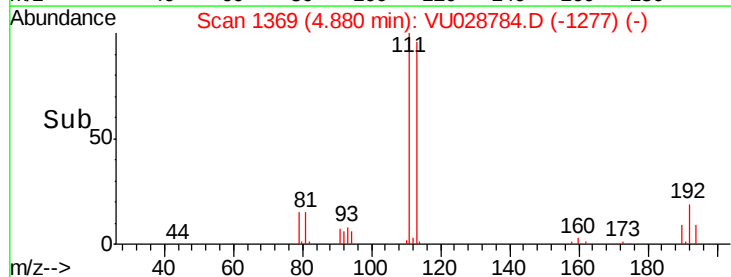
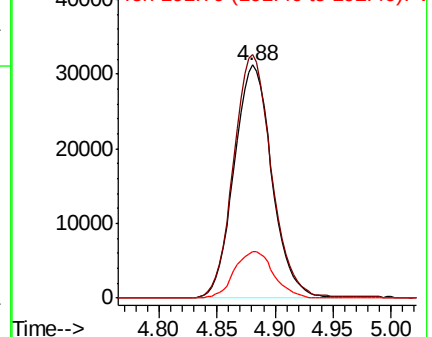


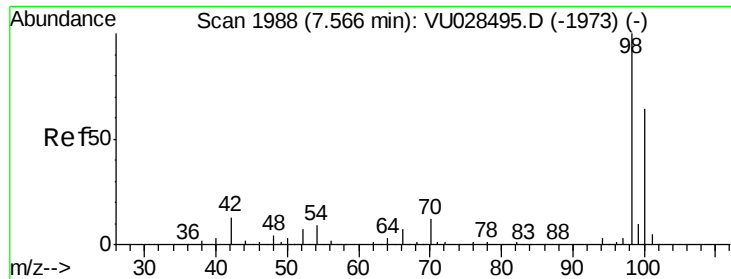
#35
Dibromofluoromethane
Concen: 51.942 ug/l
RT: 4.88 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VU028784.D
Acq: 19 Dec 2018 11:19

Tgt Ion:113 Resp: 70895
Ion Ratio Lower Upper
113 100
111 104.5 83.4 125.0
192 20.6 14.8 22.2



Abundance Ion 112.80 (112.50 to 113.50): V
40000 Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.896 ug/l

RT: 7.56 min Scan# 2203

Delta R.T. -0.00 min

Lab File: VU028784.D

Acq: 19 Dec 2018 11:19

Instrument :

MSVOA_U

ClientSampleId :

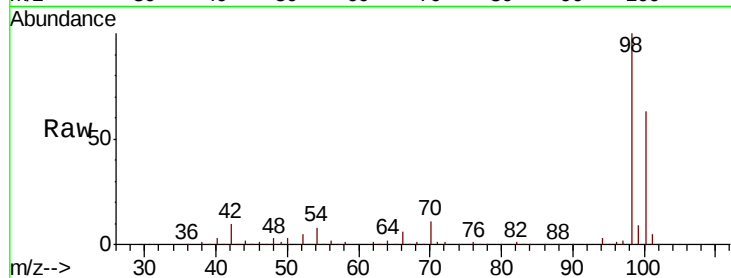
TB-2018-12-14

Tot Ion: 98 Resp: 274800

Ion Ratio Lower Upper

98 100

100 63.9 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) (-)

7.56

150000

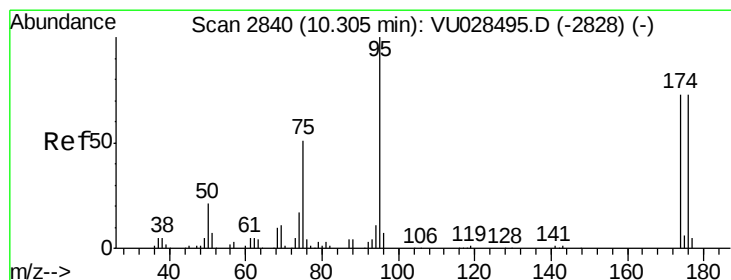
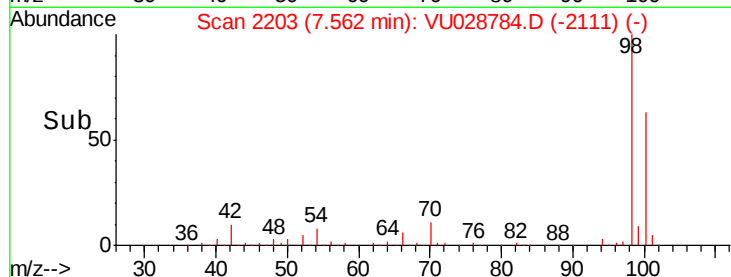
100000

50000

0

7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 43.987 ug/l

RT: 10.30 min Scan# 3056

Delta R.T. -0.00 min

Lab File: VU028784.D

Acq: 19 Dec 2018 11:19

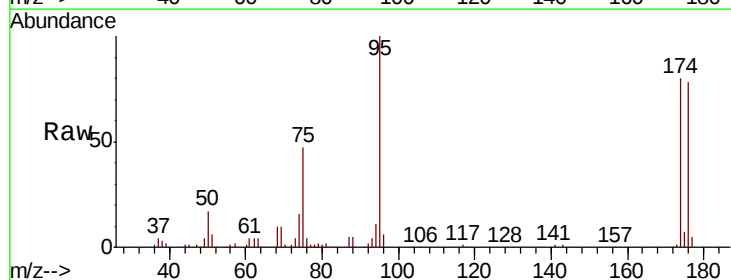
Tgt Ion: 95 Resp: 88768

Ion Ratio Lower Upper

95 100

174 81.5 0.0 150.4

176 79.2 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) (-)

10.30

60000

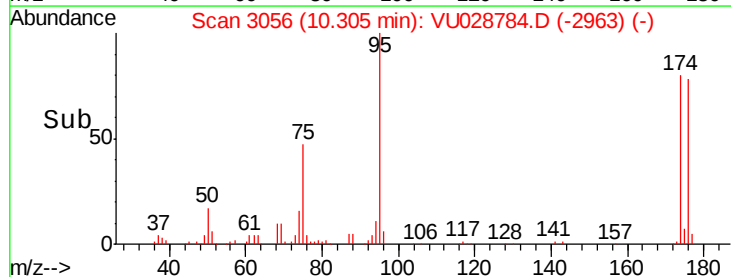
40000

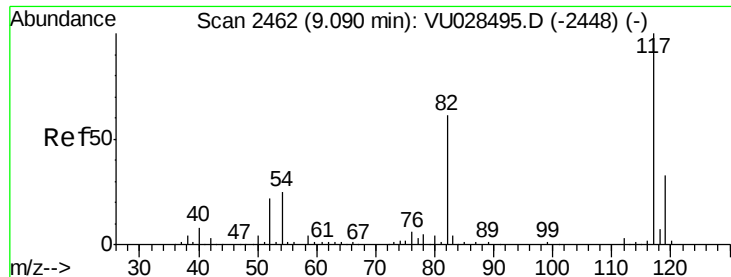
20000

0

10.30 10.40

Time-->

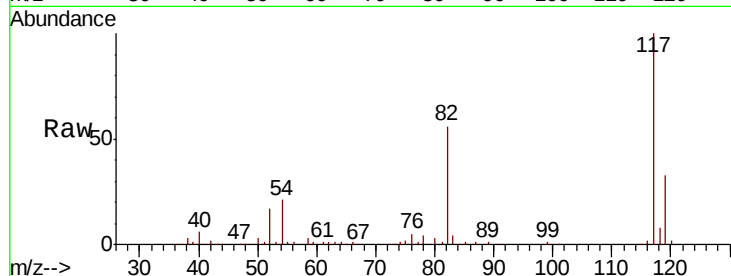




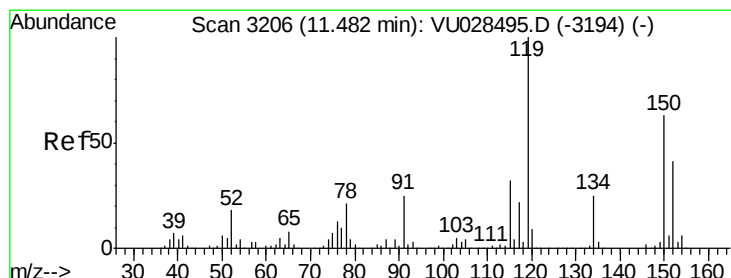
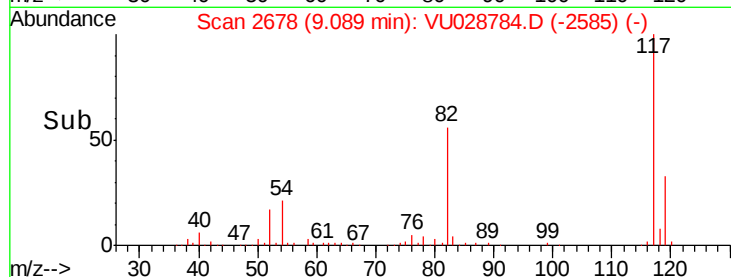
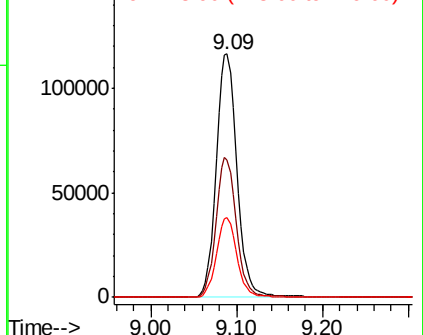
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VU028784.D
Acq: 19 Dec 2018 11:19

Instrument :
MSVOA_U
ClientSampleId :
TB-2018-12-14

Tot Ion:117 Resp: 197271
Ion Ratio Lower Upper
117 100
82 56.5 48.9 73.3
119 32.6 26.2 39.4

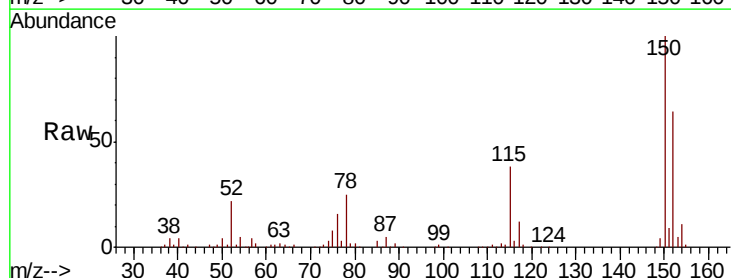


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VU028784.D
Acq: 19 Dec 2018 11:19

Tgt Ion:152 Resp: 79711
Ion Ratio Lower Upper
152 100
115 57.9 42.7 128.1
150 155.5 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

