

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028745.D
 Acq On : 18 Dec 2018 01:58
 Operator : MD/SY
 Sample : J6413-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5

Quant Time: Dec 18 08:22:31 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	78715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	142897	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	130162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	51839	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	65370	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
35) Dibromofluoromethane	4.88	113	48800	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
50) Toluene-d8	7.57	98	183459	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	10.31	95	61020	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	

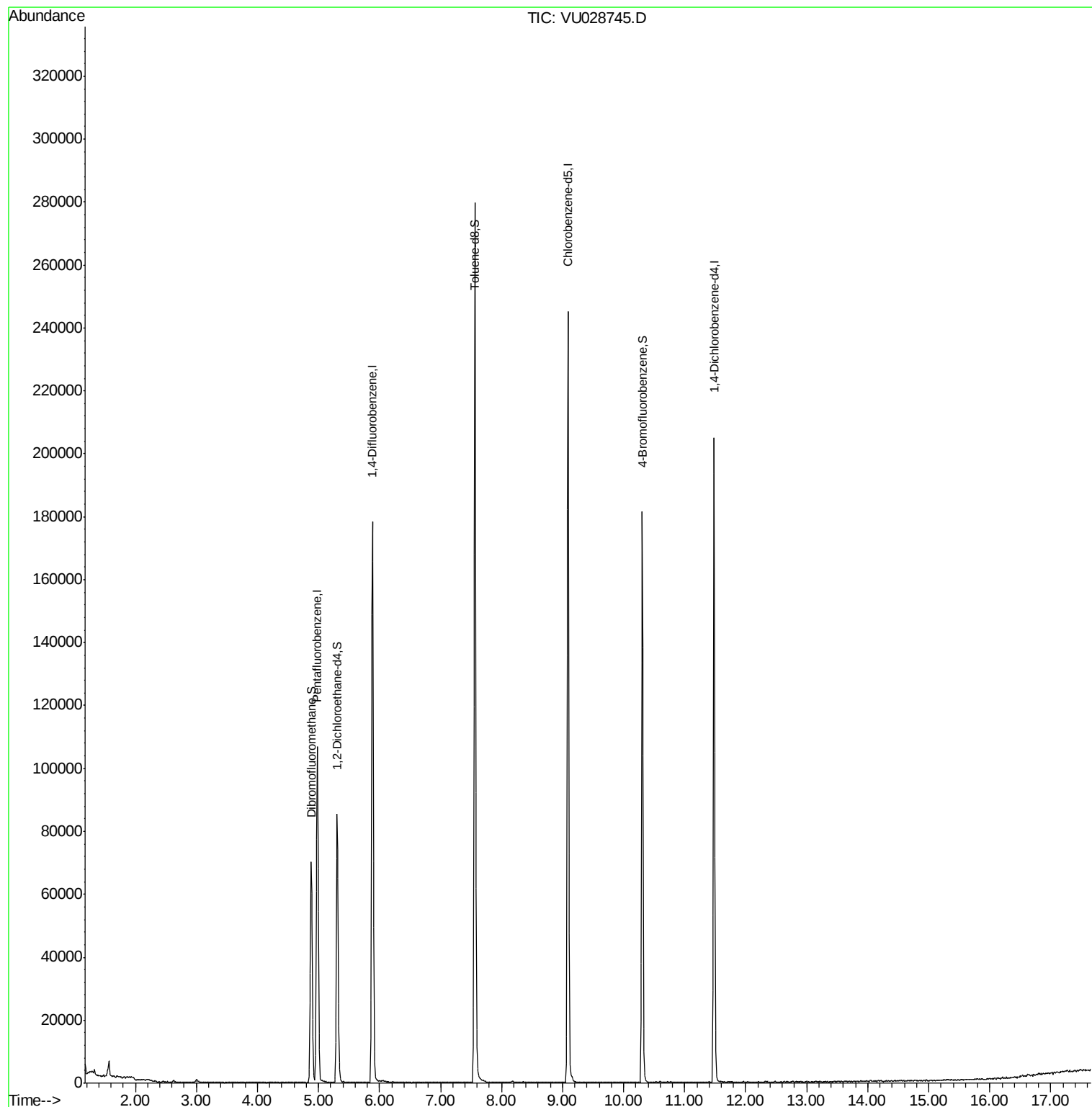
Target Compounds	Qvalue
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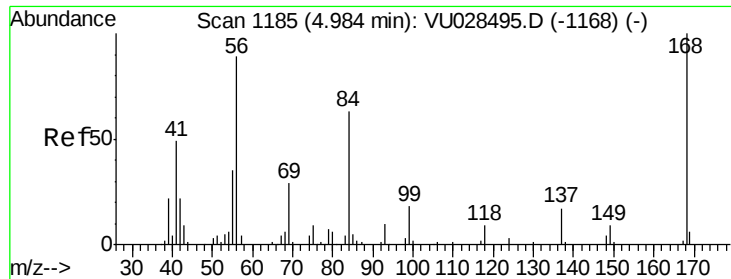
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028745.D

Acq: 18 Dec 2018 01:58

Instrument :

MSVOA_U

ClientSampled :

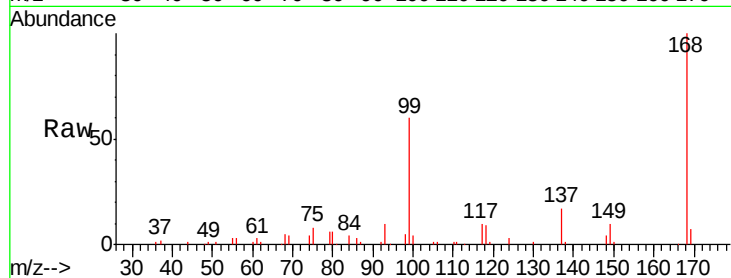
MW-5

Tgt Ion: 168 Resp: 78715

Ion Ratio Lower Upper

168 100

99 59.8 46.6 69.8



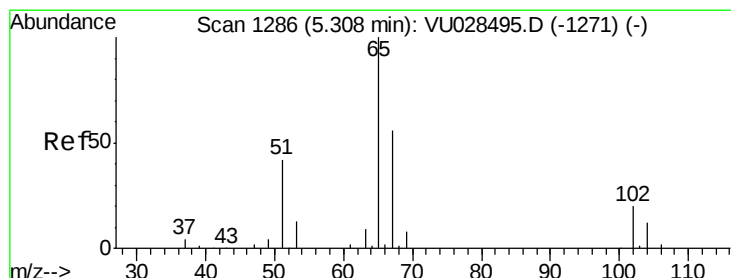
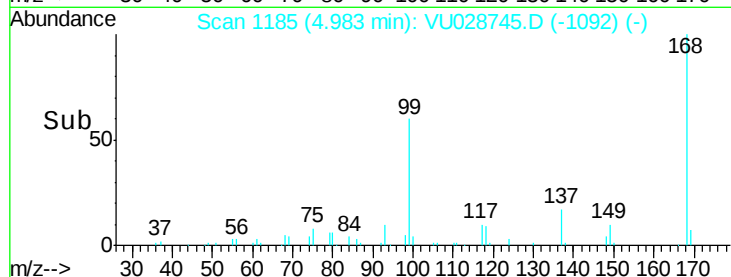
Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

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

4.98

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.419 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028745.D

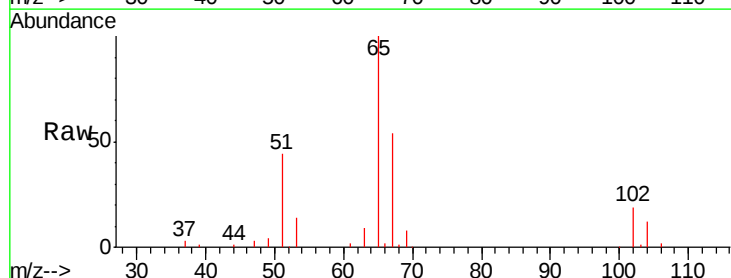
Acq: 18 Dec 2018 01:58

Tgt Ion: 65 Resp: 65370

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.6



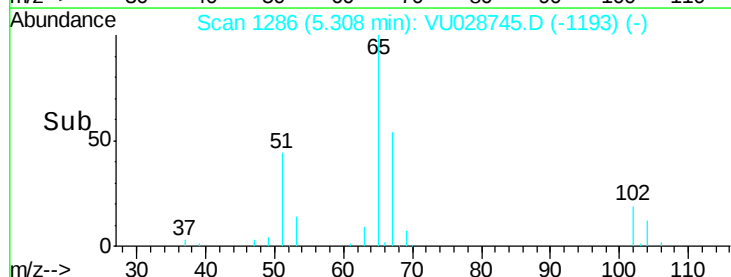
Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

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

5.31

5.20 5.25 5.30 5.35 5.40

Time-->

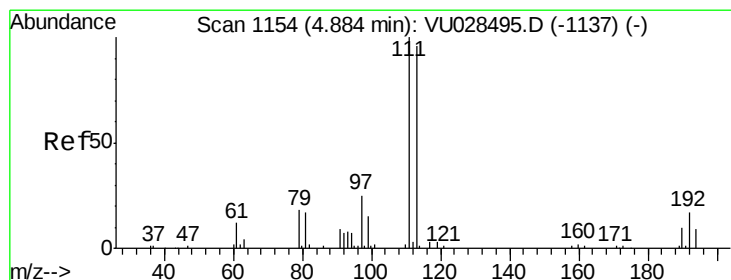
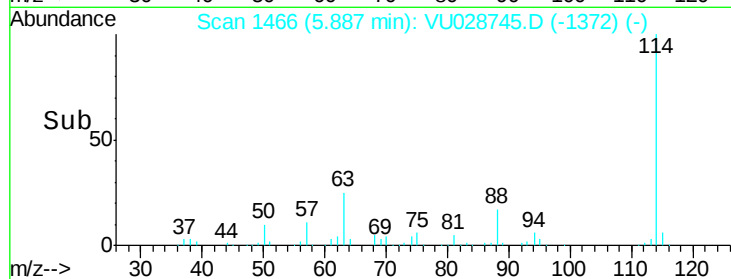
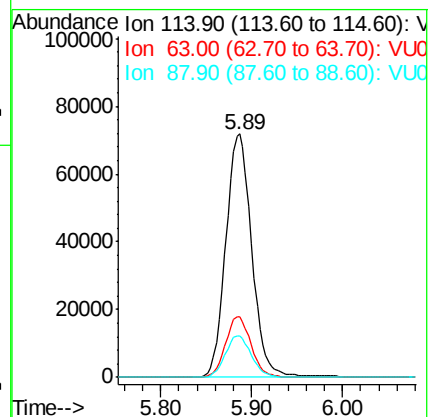
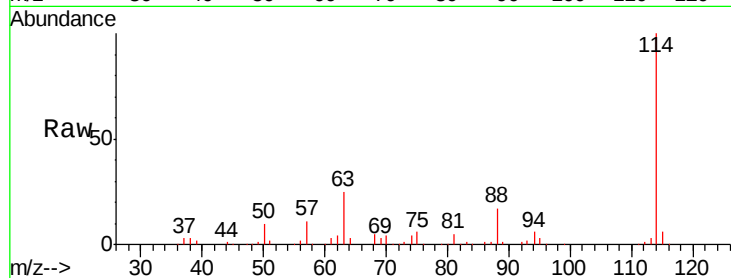




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028745.D
 Acq: 18 Dec 2018 01:58

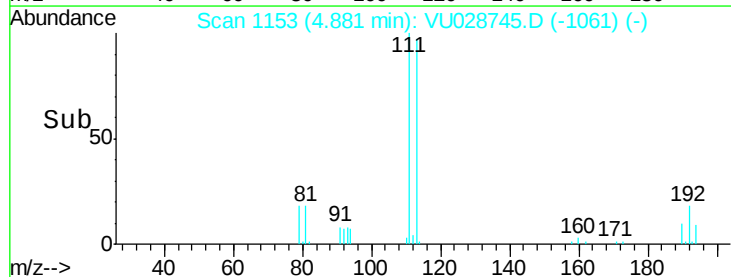
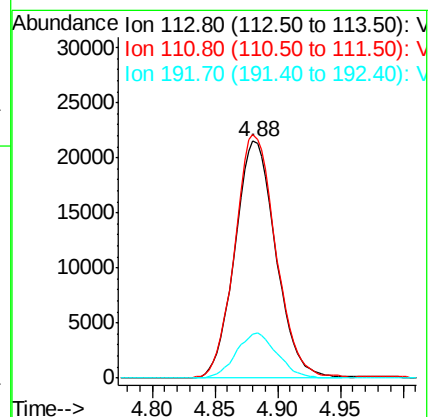
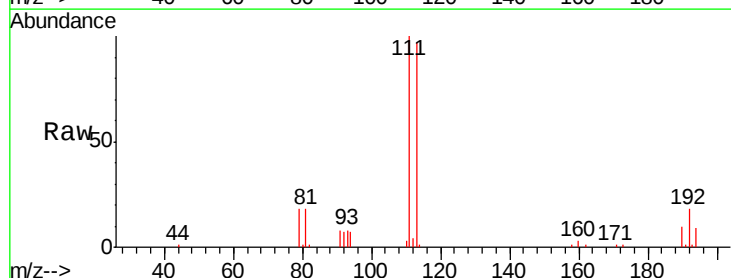
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-5

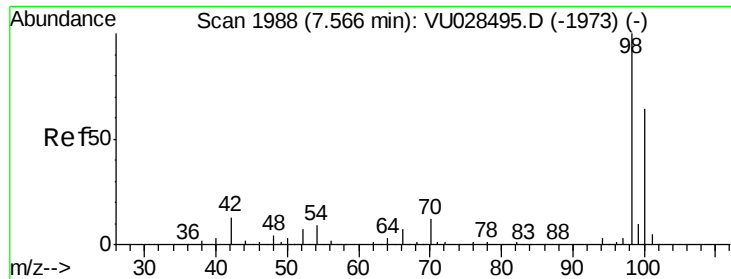
Tgt Ion:114 Resp: 142897
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.9 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 54.267 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028745.D
 Acq: 18 Dec 2018 01:58

Tgt Ion:113 Resp: 48800
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.4 125.0
 192 18.8 14.8 22.2





#50

Toluene-d8

Concen: 51.572 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028745.D

Acq: 18 Dec 2018 01:58

Instrument :

MSVOA_U

ClientSampleId :

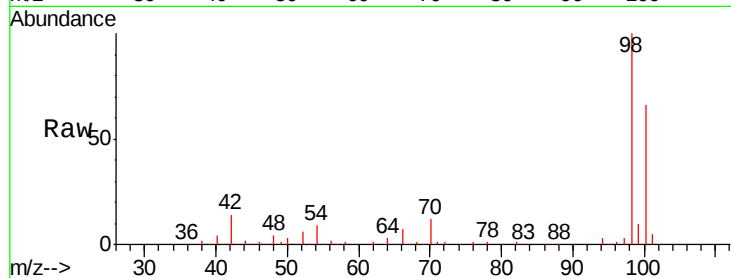
MW-5

Tgt Ion: 98 Resp: 183459

Ion Ratio Lower Upper

98 100

100 64.5 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

7.57

120000

100000

80000

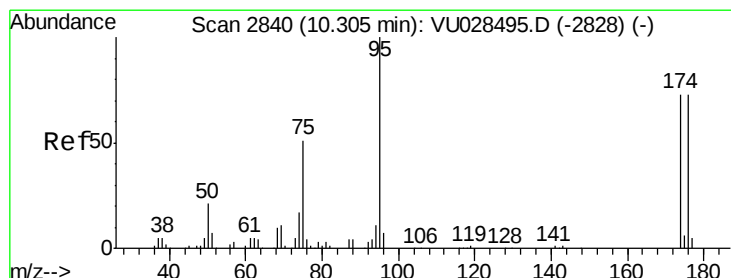
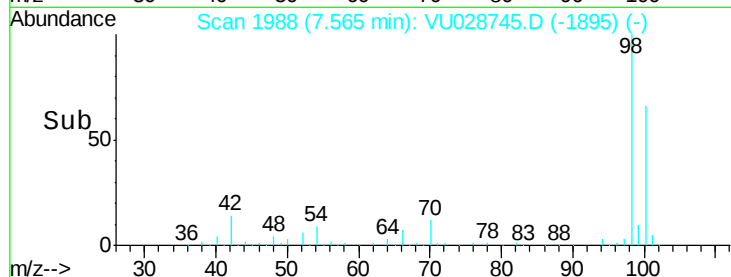
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.894 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028745.D

Acq: 18 Dec 2018 01:58

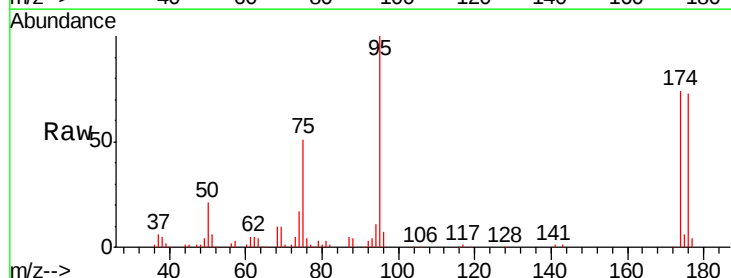
Tgt Ion: 95 Resp: 61020

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.4

176 73.1 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.31

50000

40000

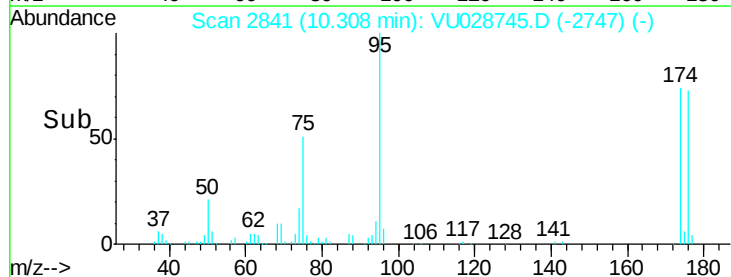
30000

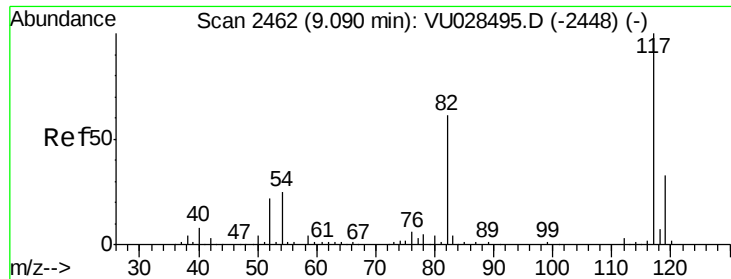
20000

10000

0

Time-->

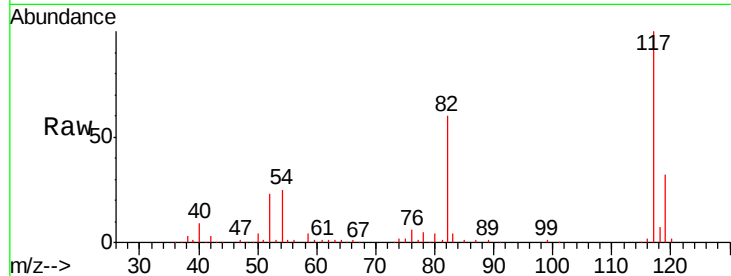




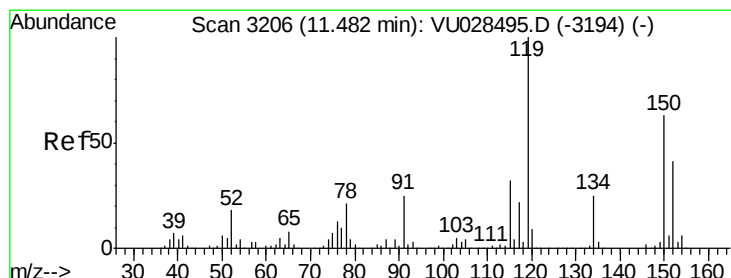
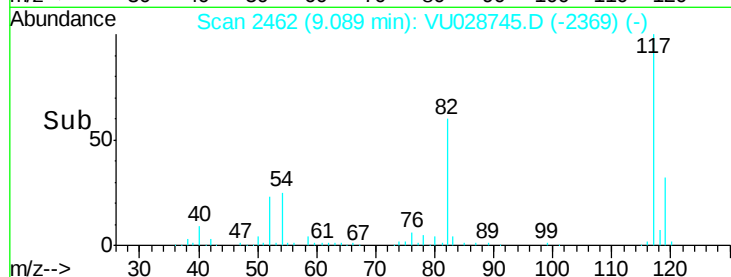
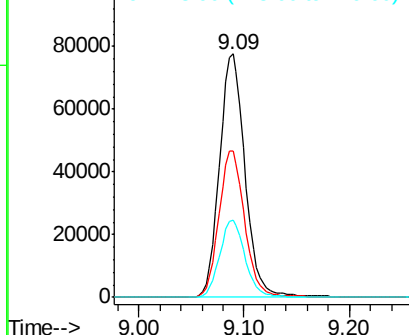
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028745.D
Acq: 18 Dec 2018 01:58

Instrument :
MSVOA_U
ClientSampleId :
MW-5

Tgt Ion:117 Resp: 130162
Ion Ratio Lower Upper
117 100
82 59.9 48.9 73.3
119 32.0 26.2 39.4

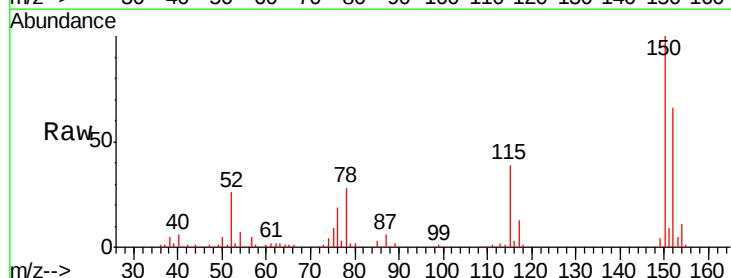


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028745.D
Acq: 18 Dec 2018 01:58

Tgt Ion:152 Resp: 51839
Ion Ratio Lower Upper
152 100
115 59.1 42.7 128.1
150 152.7 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

