

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025010.D
 Acq On : 28 Jun 2018 10:57
 Operator : MD/SY
 Sample : VU0628MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628MBL01

Quant Time: Jun 29 05:29:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	219702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	328946	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	305308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	163310	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	165344	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
35) Dibromofluoromethane	4.89	113	130173	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
50) Toluene-d8	7.57	98	475245	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
62) 4-Bromofluorobenzene	10.31	95	177702	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	

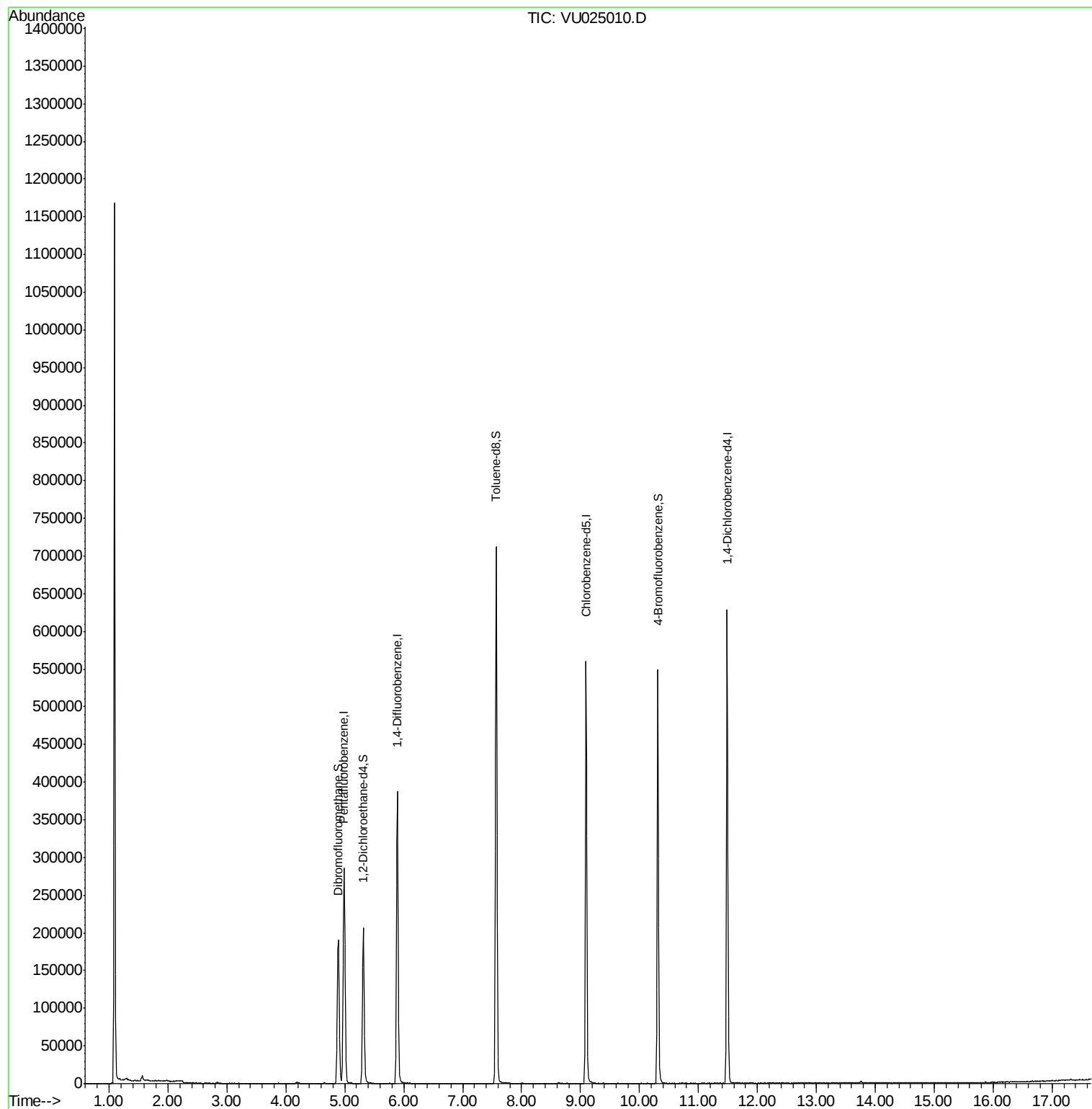
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025010.D

Acq: 28 Jun 2018 10:57

Instrument :

MSVOA_U

ClientSampleId :

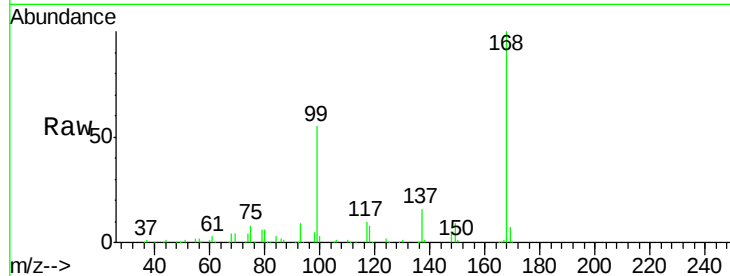
VU0628MBL01

Tot Ion:168 Resp: 219702

Ion Ratio Lower Upper

168 100

99 54.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025010.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025010.D (-1275) (-)

4.99

100000

80000

60000

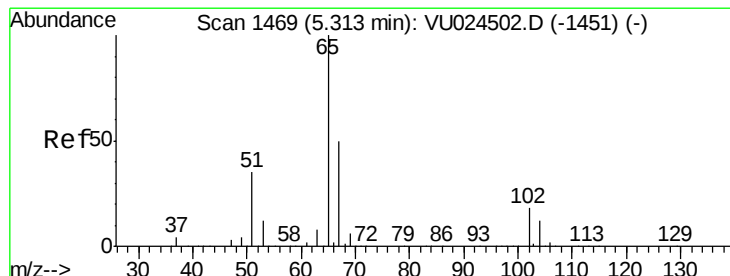
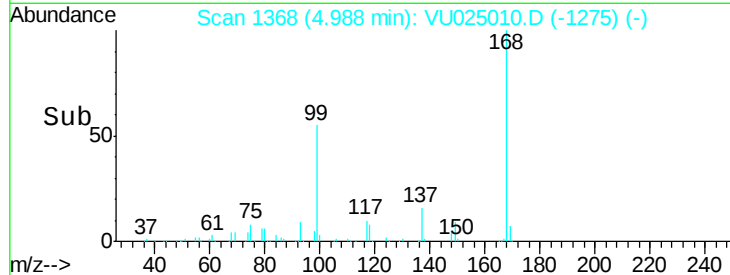
40000

20000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.10 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025010.D

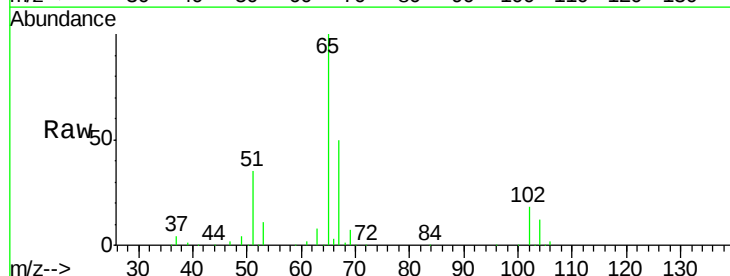
Acq: 28 Jun 2018 10:57

Tgt Ion: 65 Resp: 165344

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU025010.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025010.D (-1376) (-)

5.31

80000

60000

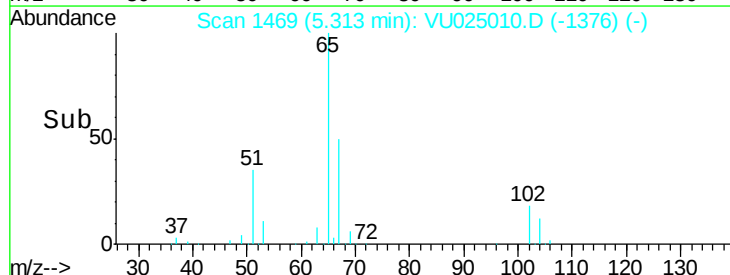
40000

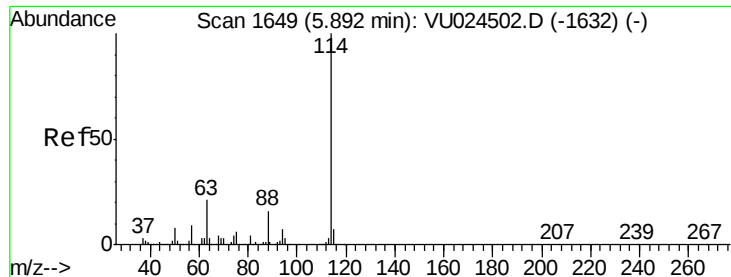
20000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025010.D

Acq: 28 Jun 2018 10:57

Instrument :

MSVOA_U

ClientSampleId :

VU0628MBL01

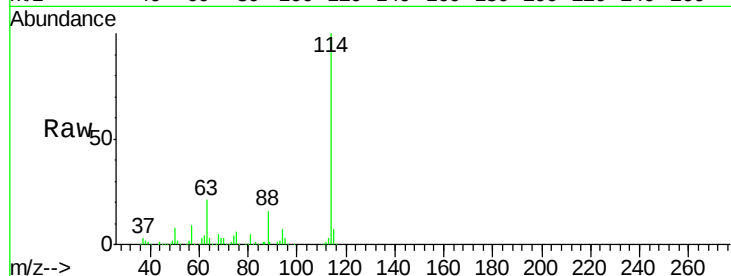
Tot Ion:114 Resp: 328946

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

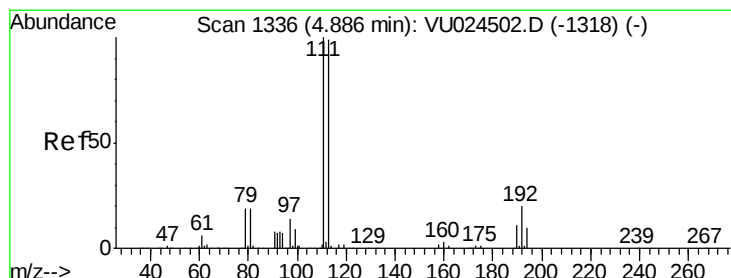
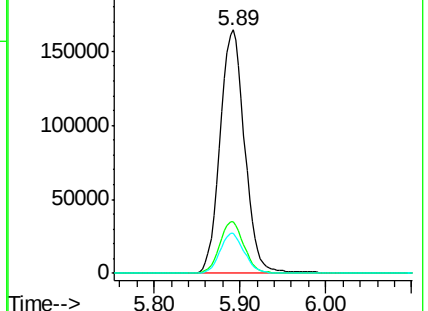
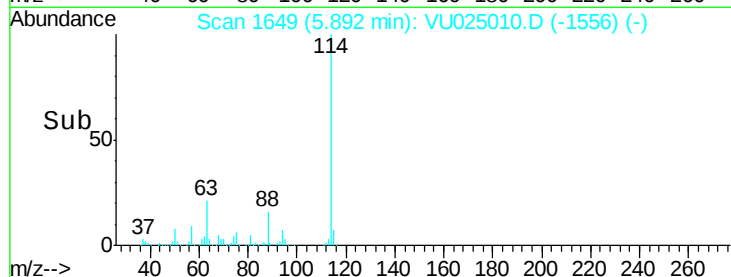
88 16.2 0.0 31.0



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: 47.68 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025010.D

Acq: 28 Jun 2018 10:57

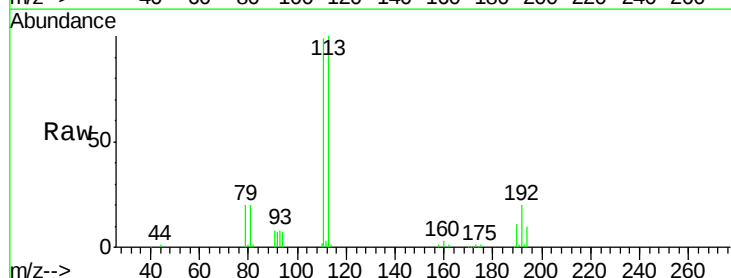
Tgt Ion:113 Resp: 130173

Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.4

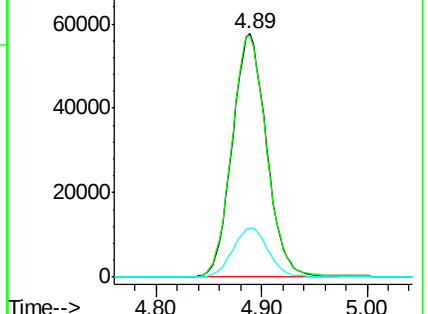
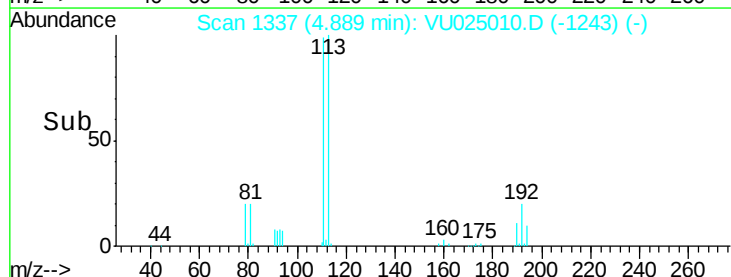
192 20.8 16.2 24.4



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: 47.73 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025010.D

Acq: 28 Jun 2018 10:57

Instrument :

MSVOA_U

ClientSampleId :

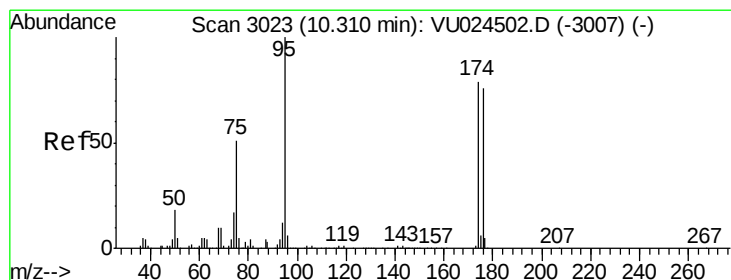
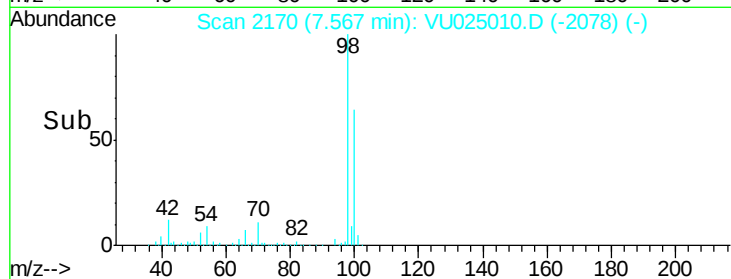
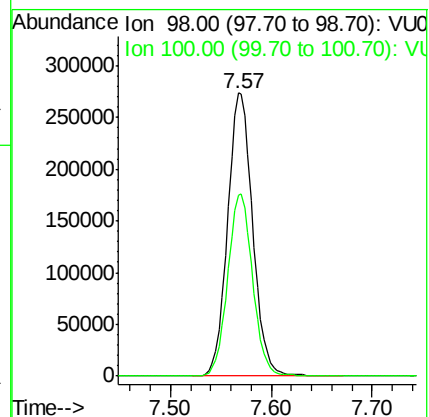
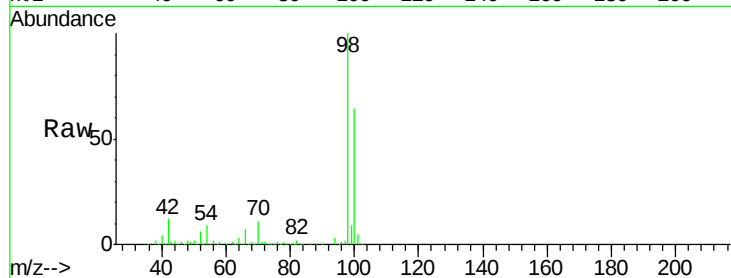
VU0628MBL01

Tot Ion: 98 Resp: 475245

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.95 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025010.D

Acq: 28 Jun 2018 10:57

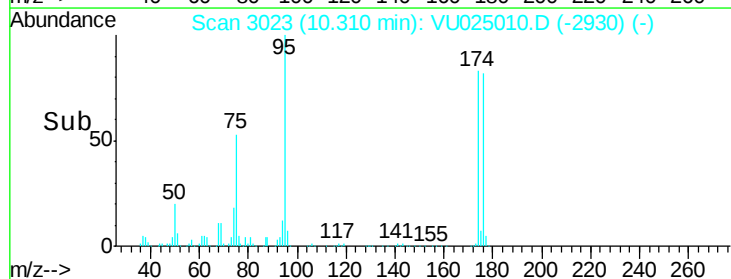
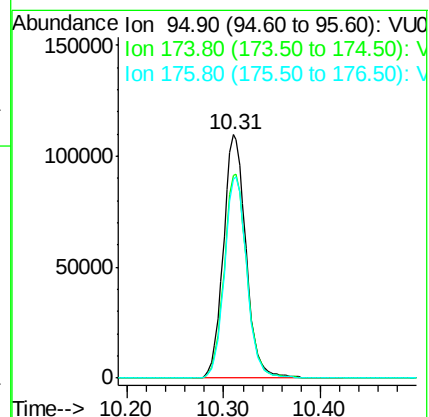
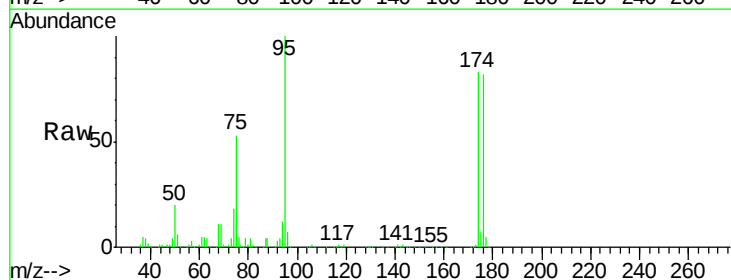
Tgt Ion: 95 Resp: 177702

Ion Ratio Lower Upper

95 100

174 84.1 0.0 165.8

176 81.6 0.0 159.4

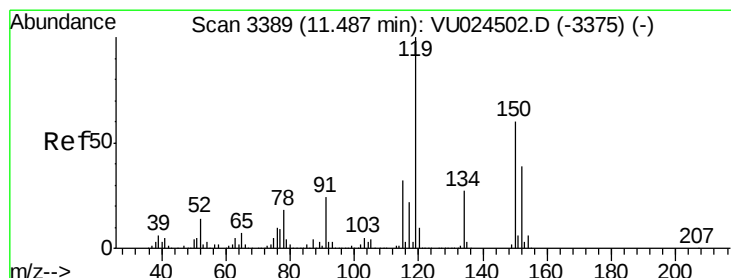
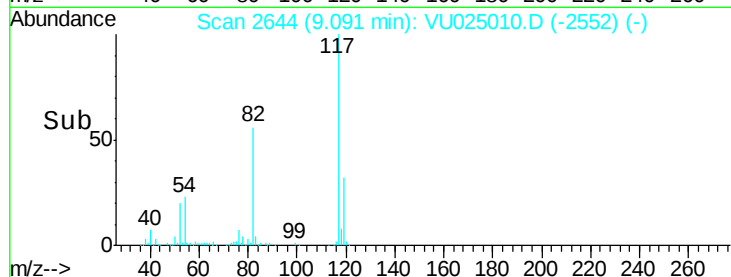
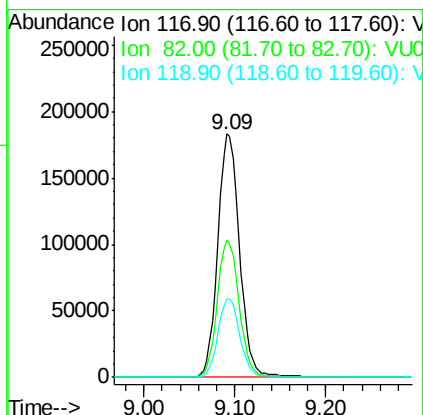
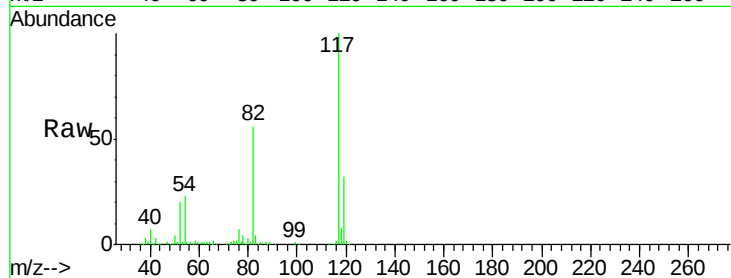




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025010.D
Acq: 28 Jun 2018 10:57

Instrument :
MSVOA_U
ClientSampleId :
VU0628MBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.3	66.5
119	32.1	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025010.D
Acq: 28 Jun 2018 10:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	43.0	129.0
150	157.1	0.0	354.0

