

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025028.D
 Acq On : 28 Jun 2018 18:19
 Operator : MD/SY
 Sample : J3048-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-2-GW

Quant Time: Jun 29 11:02:22 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	231800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	347775	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	324478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	168099	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	177867	47.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.00%	
35) Dibromofluoromethane	4.89	113	136641	47.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.68%	
50) Toluene-d8	7.57	98	510722	48.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	10.31	95	185934	44.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.96%	

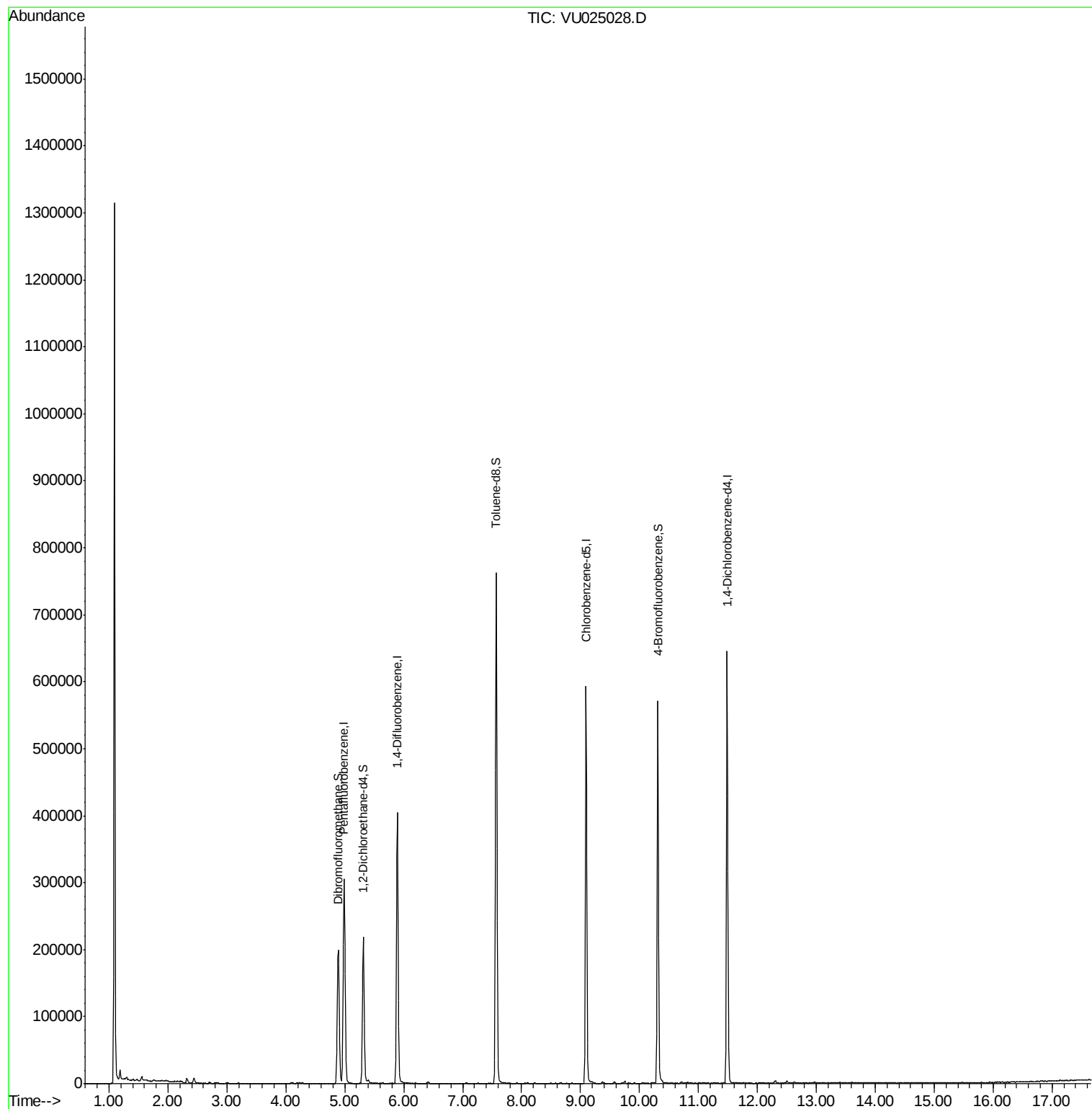
Target Compounds	Qvalue

(#) = 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: VU025028.D

Acq: 28 Jun 2018 18:19

Instrument :

MSVOA_U

ClientSampleId :

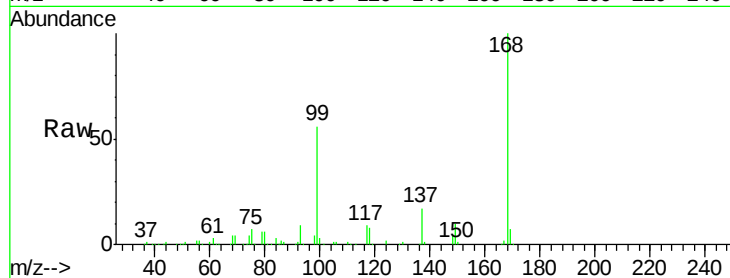
TP-2-GW

Tot Ion:168 Resp: 231800

Ion Ratio Lower Upper

168 100

99 56.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

120000

100000

80000

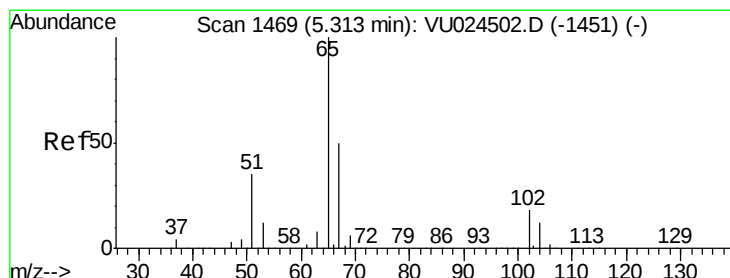
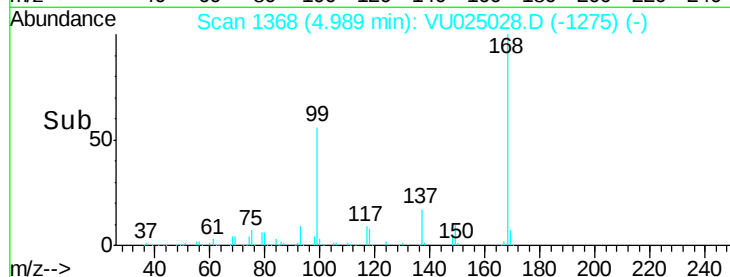
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.00 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025028.D

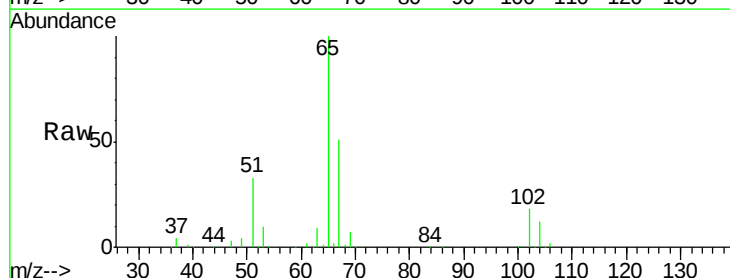
Acq: 28 Jun 2018 18:19

Tgt Ion: 65 Resp: 177867

Ion Ratio Lower Upper

65 100

67 50.5 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

5.31

80000

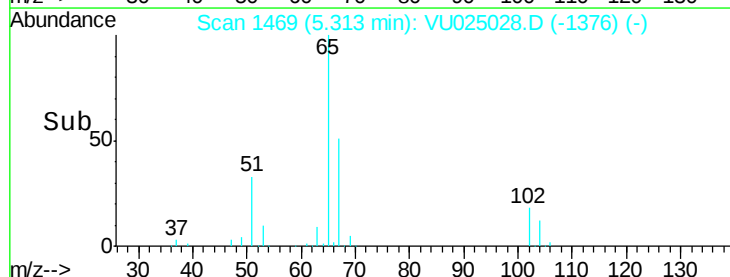
60000

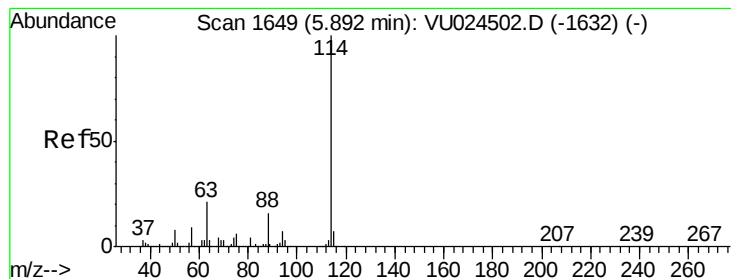
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025028.D

Acq: 28 Jun 2018 18:19

Instrument :

MSVOA_U

ClientSampleId :

TP-2-GW

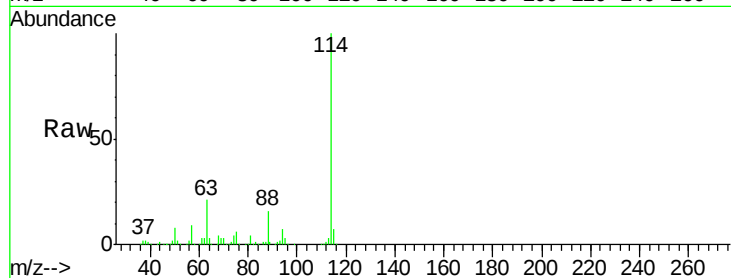
Tot Ion:114 Resp: 347775

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

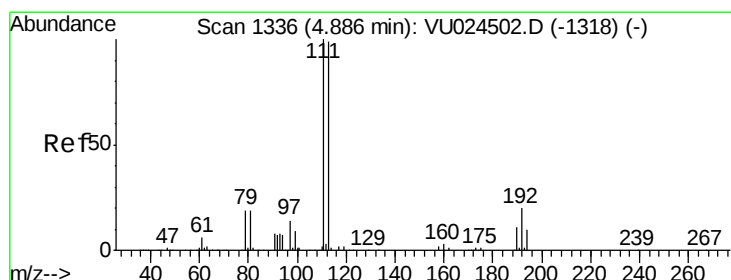
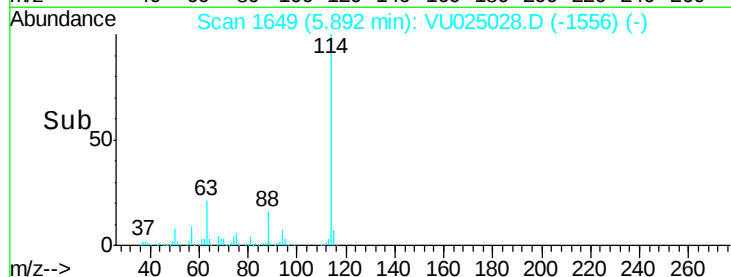
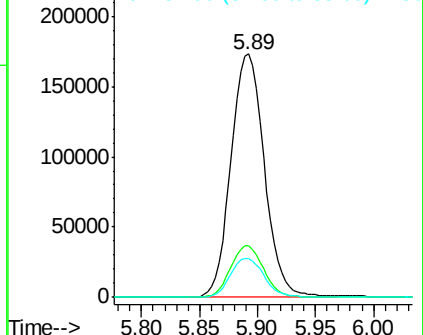
88 16.0 0.0 31.0



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: 47.34 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025028.D

Acq: 28 Jun 2018 18:19

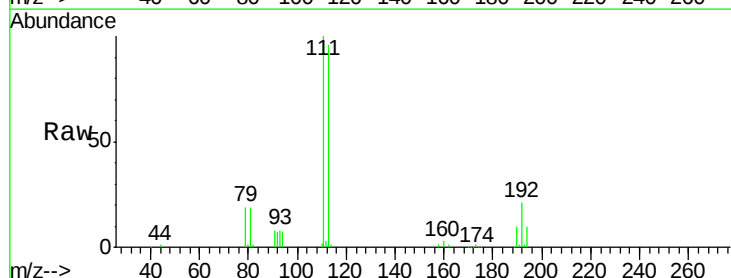
Tgt Ion:113 Resp: 136641

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

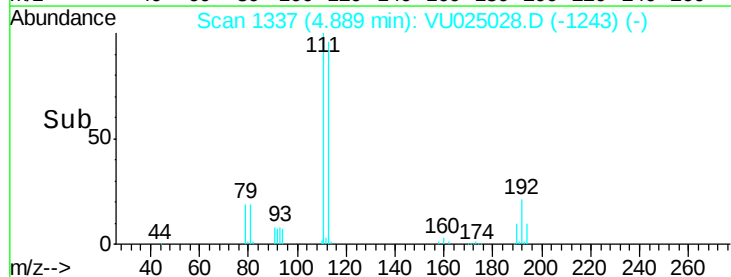
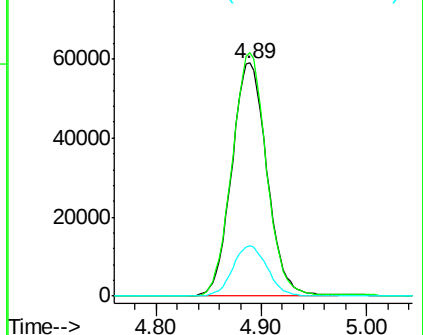
192 21.2 16.2 24.4

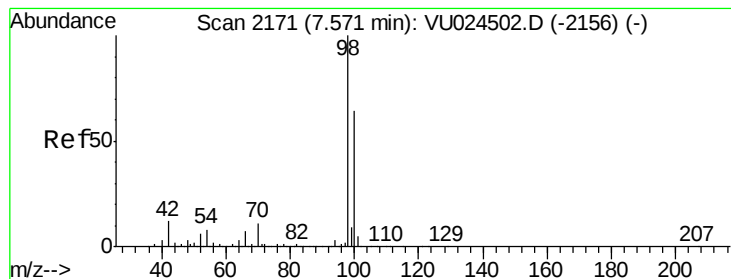


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.51 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025028.D

Acq: 28 Jun 2018 18:19

Instrument :

MSVOA_U

ClientSampleId :

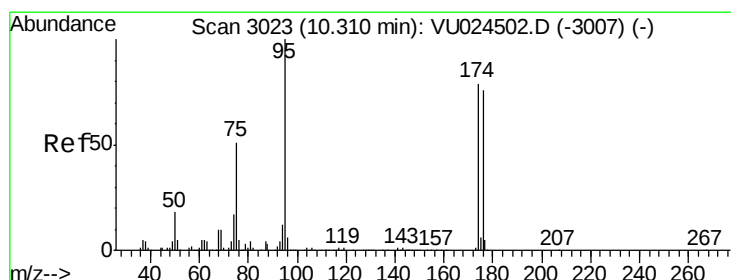
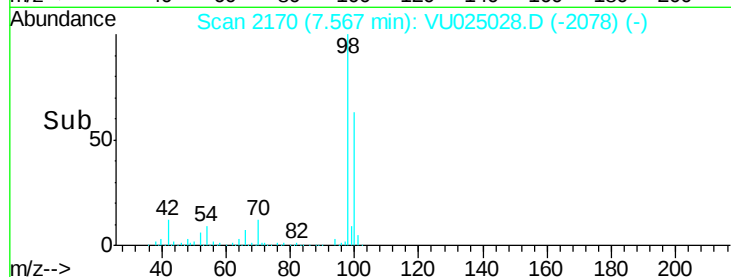
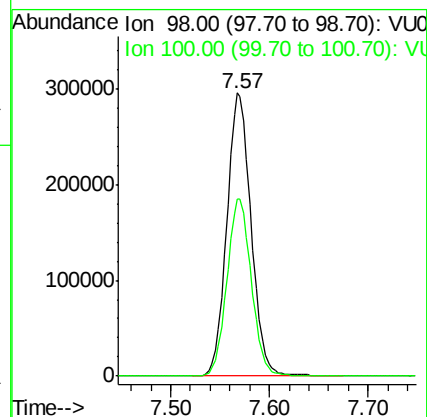
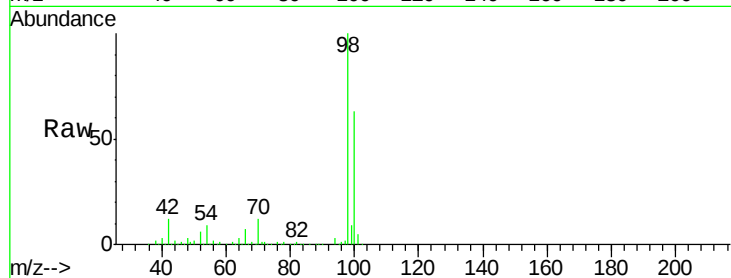
TP-2-GW

Tot Ion: 98 Resp: 510722

Ion Ratio Lower Upper

98 100

100 62.8 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.48 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025028.D

Acq: 28 Jun 2018 18:19

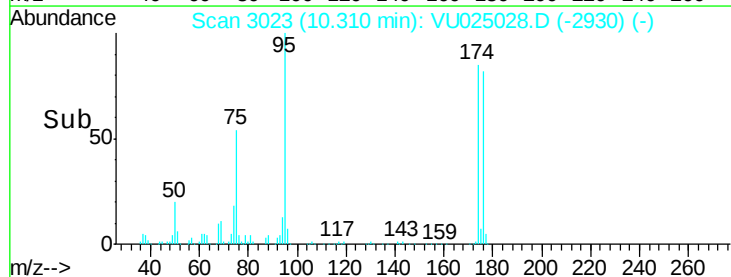
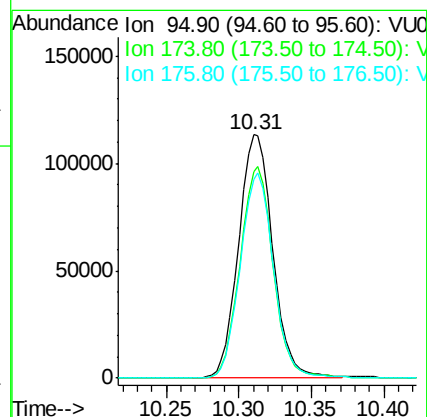
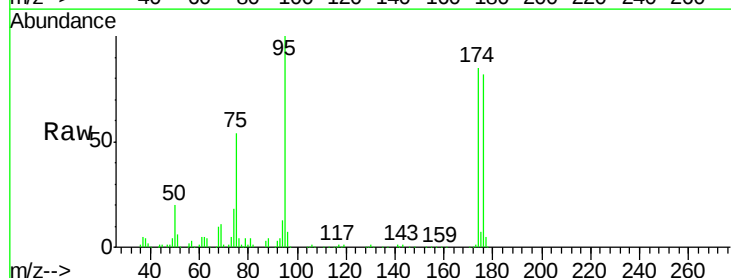
Tgt Ion: 95 Resp: 185934

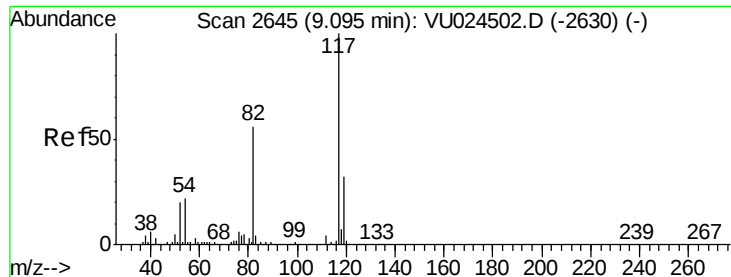
Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.8

176 82.1 0.0 159.4

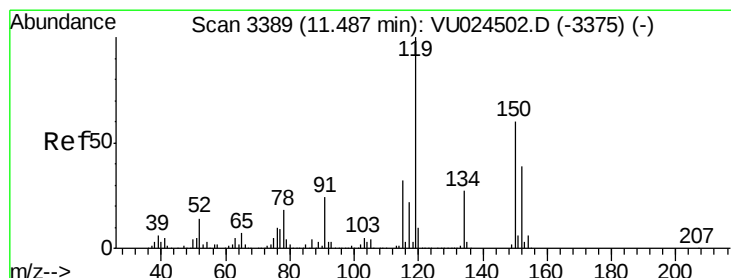
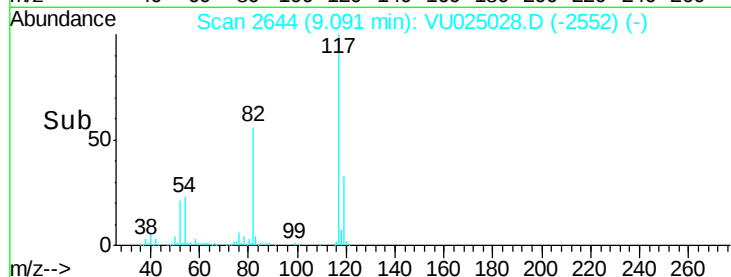
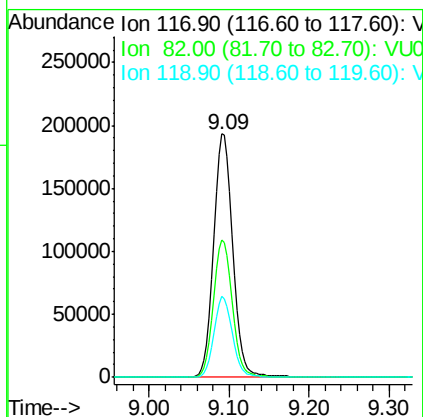
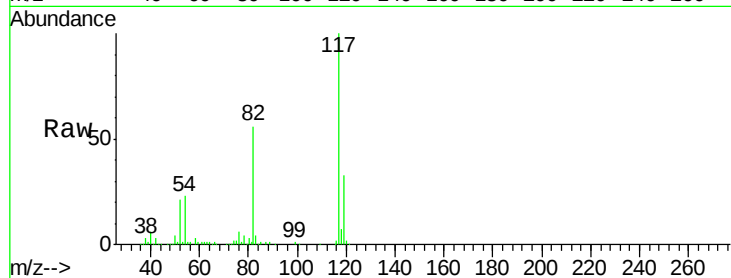




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025028.D
Acq: 28 Jun 2018 18:19

Instrument :
MSVOA_U
ClientSampleId :
TP-2-GW

Tot Ion:117 Resp: 324478
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 33.0 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: VU025028.D
Acq: 28 Jun 2018 18:19

Tgt Ion:152 Resp: 168099
Ion Ratio Lower Upper
152 100
115 58.1 43.0 129.0
150 155.3 0.0 354.0

