

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025027.D
 Acq On : 28 Jun 2018 17:54
 Operator : MD/SY
 Sample : J3048-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3-GW

Quant Time: Jun 29 11:02:54 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	219466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	331012	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	306063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	163808	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	167470	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
35) Dibromofluoromethane	4.89	113	130769	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	7.57	98	480626	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	10.31	95	179671	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	

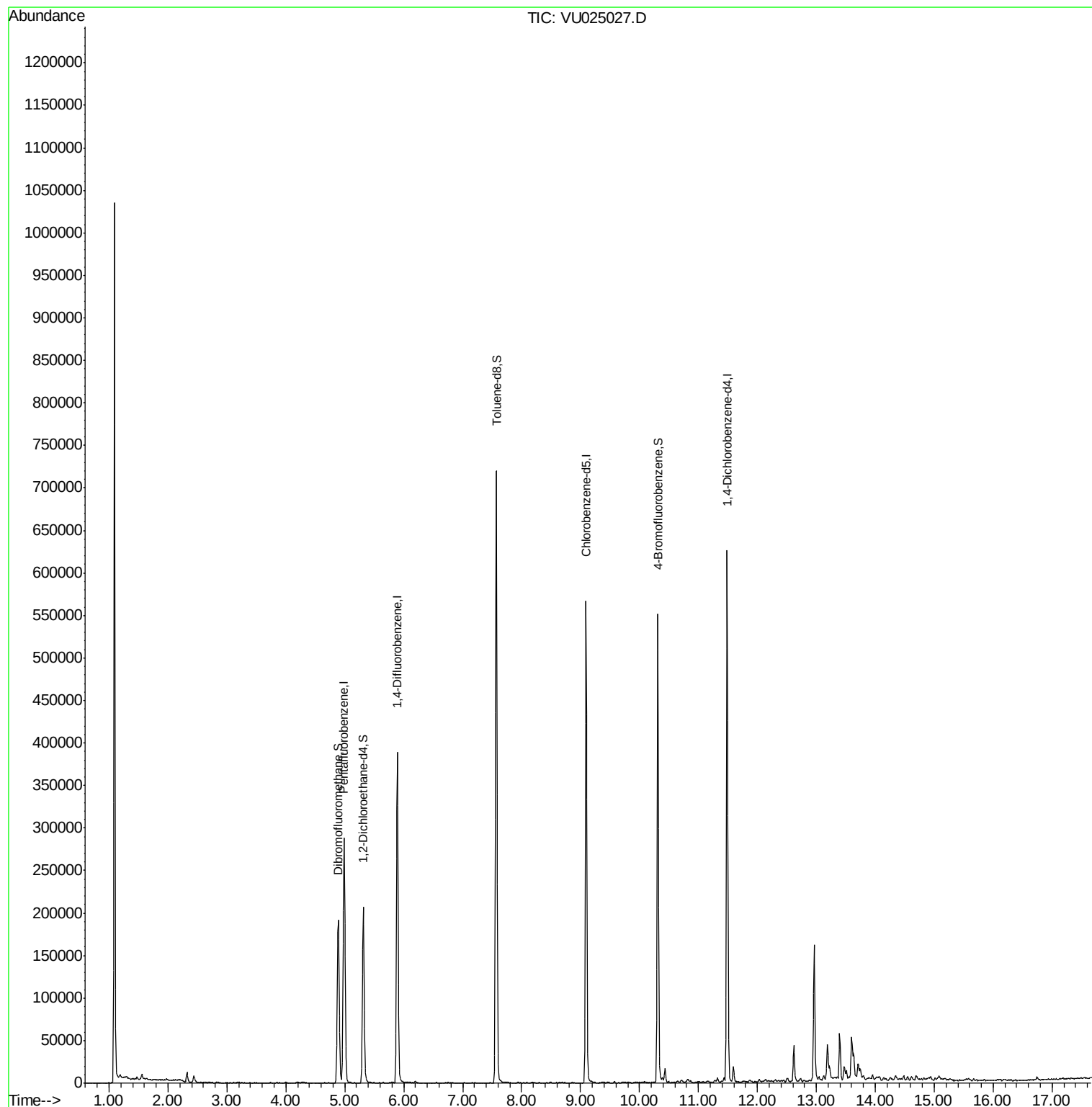
Target Compounds	Qvalue

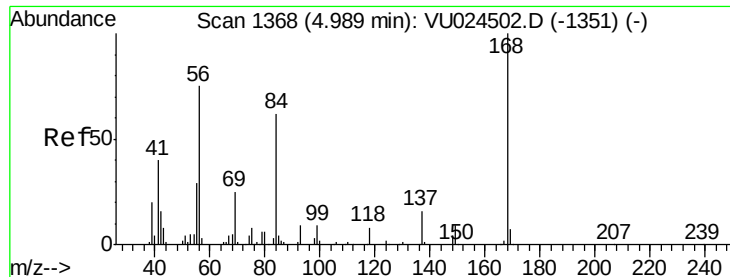
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025027.D

Acq: 28 Jun 2018 17:54

Instrument :

MSVOA_U

ClientSampleId :

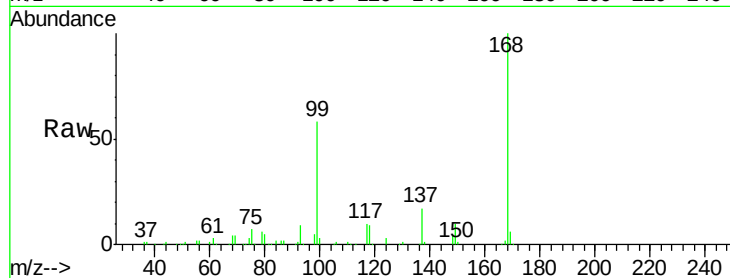
TP-3-GW

Tot Ion:168 Resp: 219466

Ion Ratio Lower Upper

168 100

99 57.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

100000

80000

60000

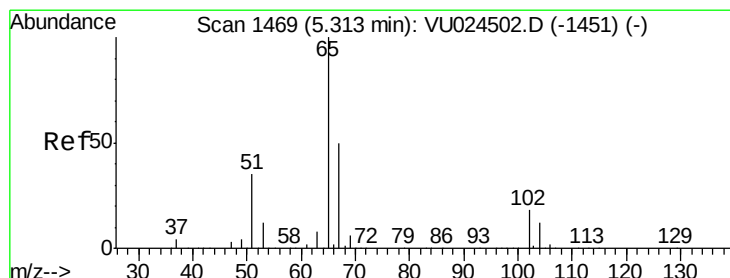
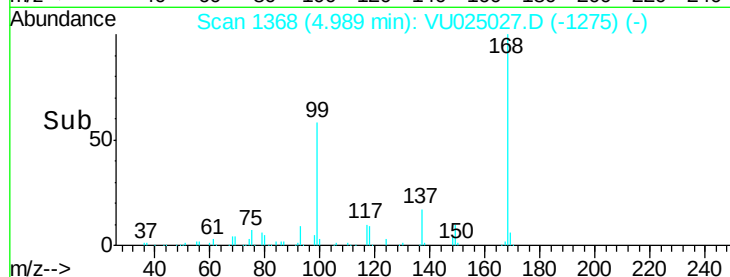
40000

20000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.74 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025027.D

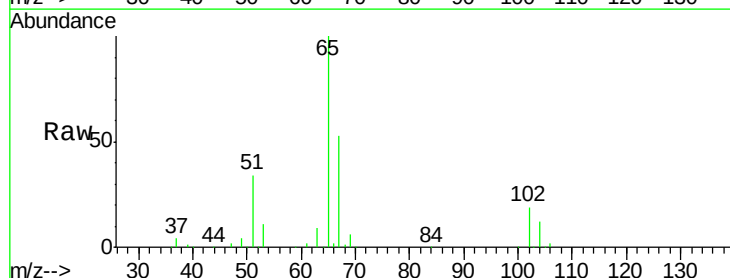
Acq: 28 Jun 2018 17:54

Tgt Ion: 65 Resp: 167470

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024502.D (-1451) (-)

Ion 66.90 (66.60 to 67.60): VU024502.D (-1451) (-)

5.31

80000

60000

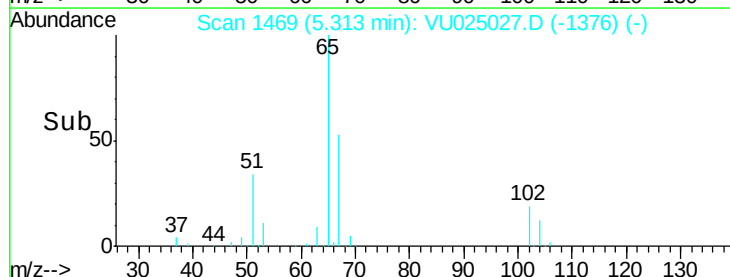
40000

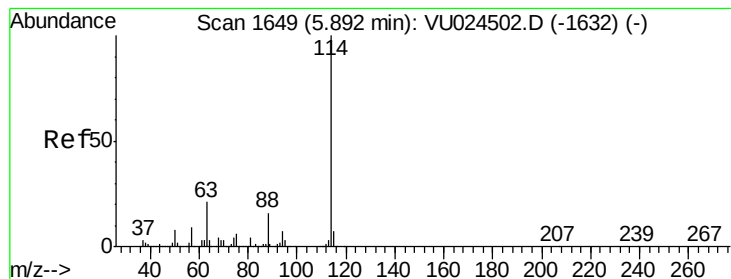
20000

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: VU025027.D

Acq: 28 Jun 2018 17:54

Instrument :

MSVOA_U

ClientSampleId :

TP-3-GW

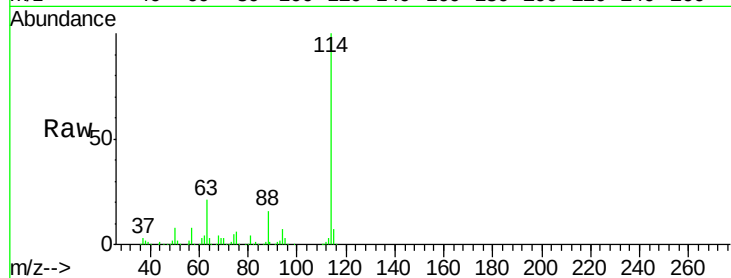
Tot Ion:114 Resp: 331012

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.4

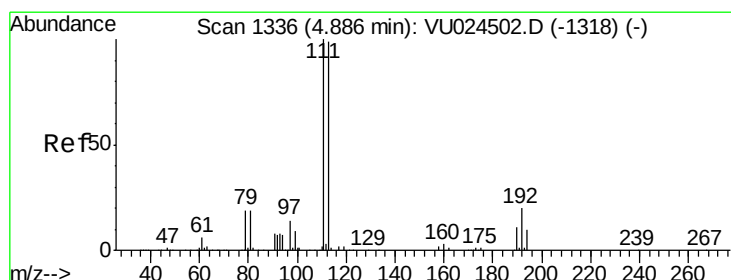
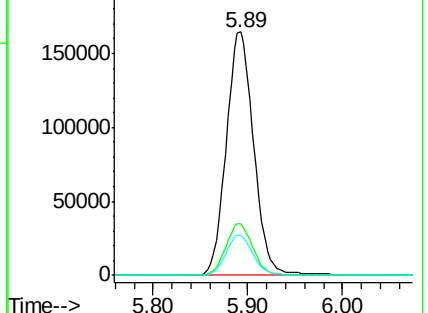
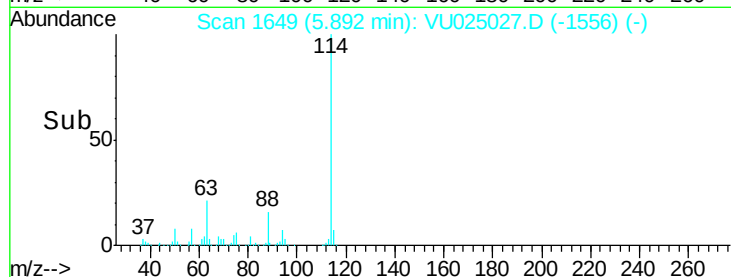
88 16.4 0.0 31.0



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: 47.60 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025027.D

Acq: 28 Jun 2018 17:54

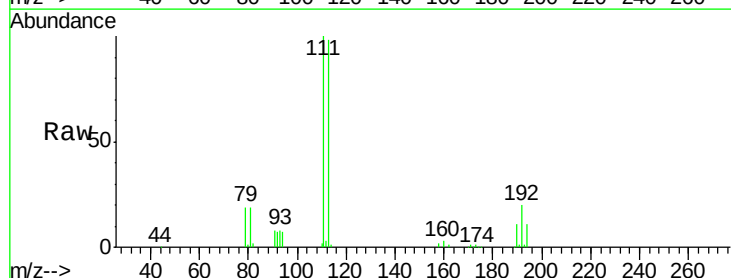
Tgt Ion:113 Resp: 130769

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

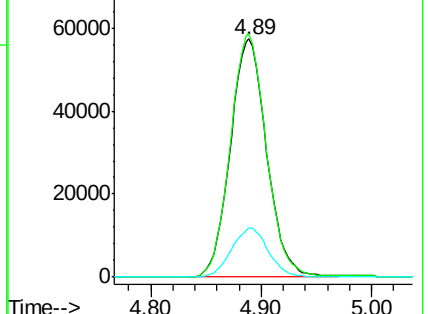
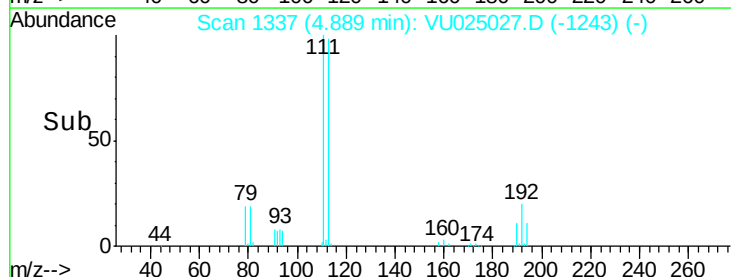
192 20.9 16.2 24.4

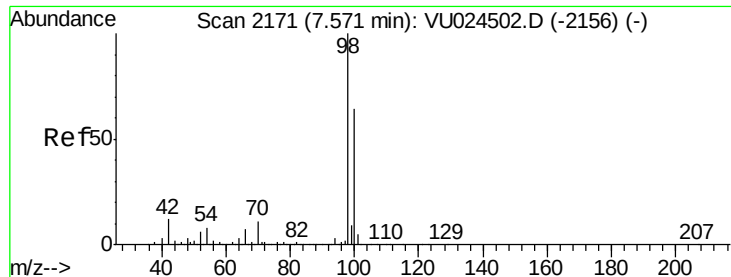


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

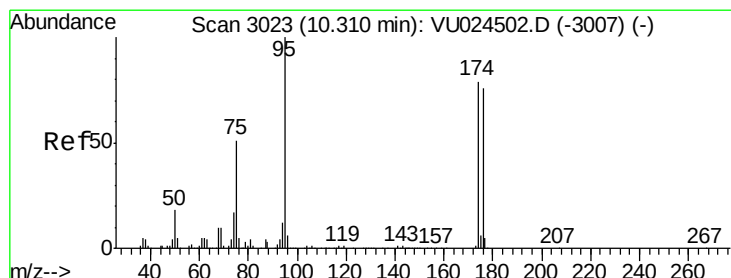
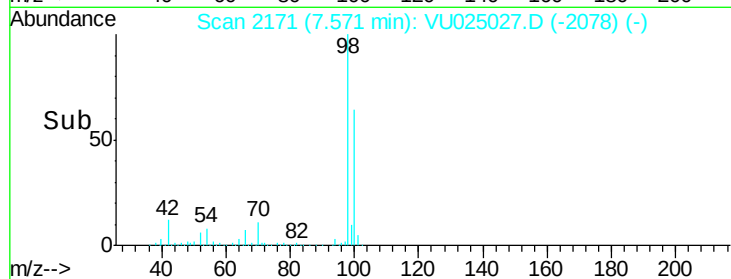
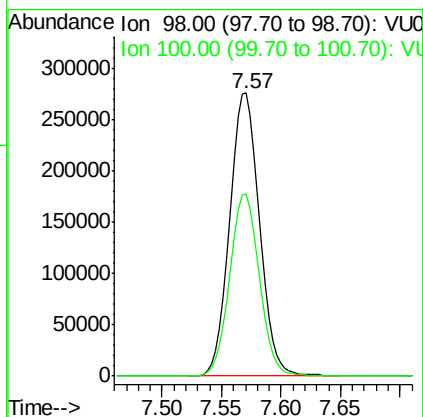
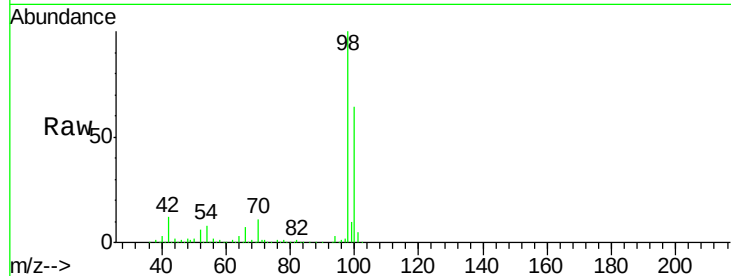




#50
Toluene-d8
Concen: 47.96 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025027.D
Acq: 28 Jun 2018 17:54

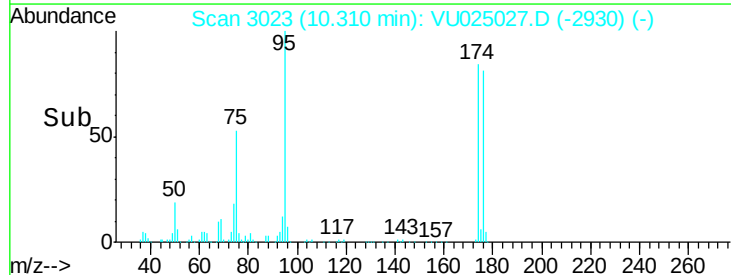
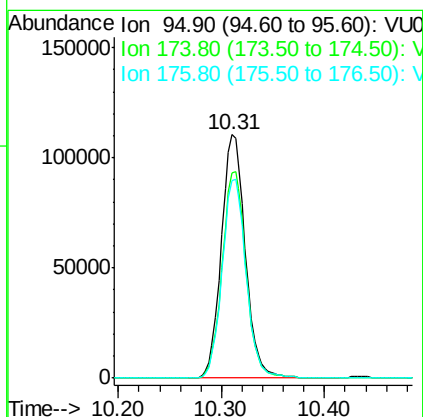
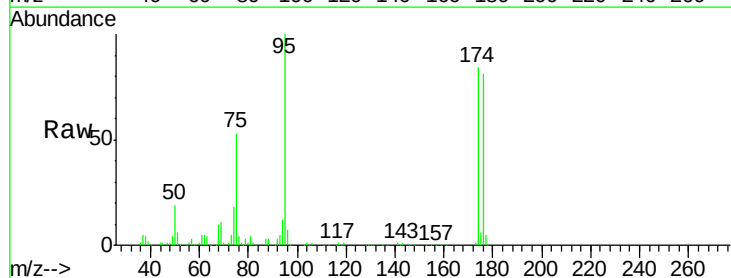
Instrument :
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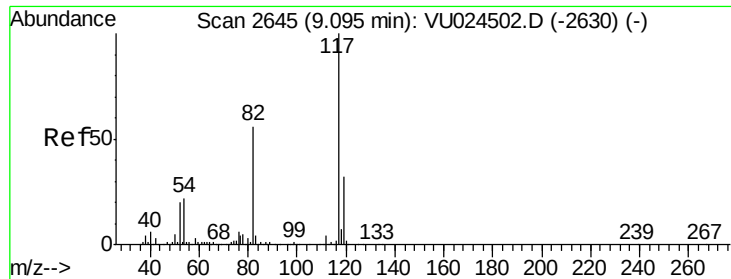
Tot Ion: 98 Resp: 480626
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 45.16 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025027.D
Acq: 28 Jun 2018 17:54

Tgt Ion: 95 Resp: 179671
Ion Ratio Lower Upper
95 100
174 84.4 0.0 165.8
176 81.5 0.0 159.4

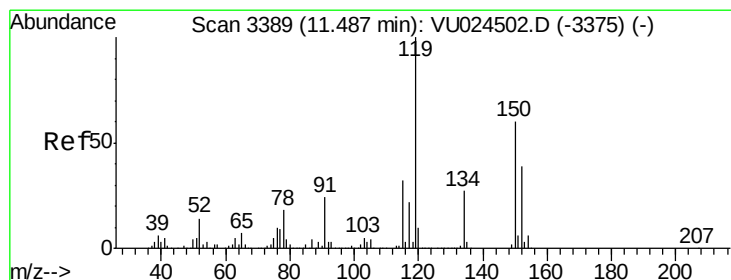
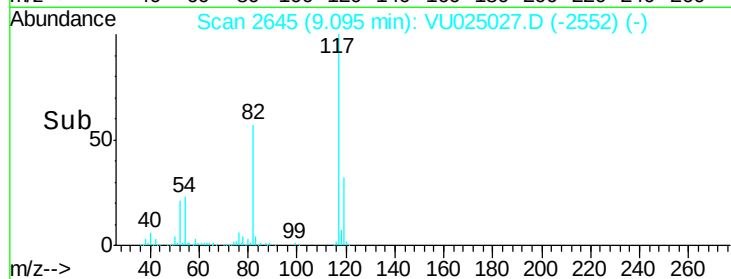
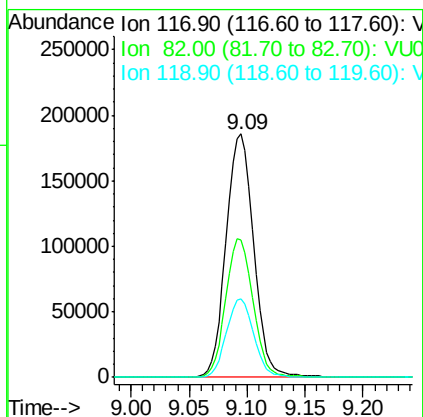
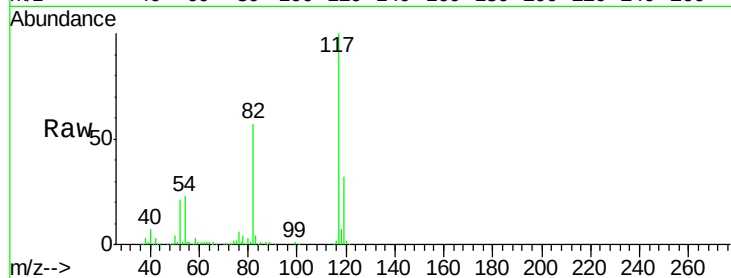




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025027.D
Acq: 28 Jun 2018 17:54

Instrument :
MSVOA_U
ClientSampleId :
TP-3-GW

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.3	66.5
119	32.4	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: VU025027.D
Acq: 28 Jun 2018 17:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	43.0	129.0
150	157.6	0.0	354.0

