

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024561.D
 Acq On : 15 Jun 2018 00:13
 Operator : MD/SY
 Sample : J3478-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 Z5TB05-180611

Quant Time: Jun 15 09:36:19 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	184084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	309008	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	295640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	175137	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	135553	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
35) Dibromofluoromethane	4.89	113	122391	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
50) Toluene-d8	7.57	98	455444	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	10.31	95	171719	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	

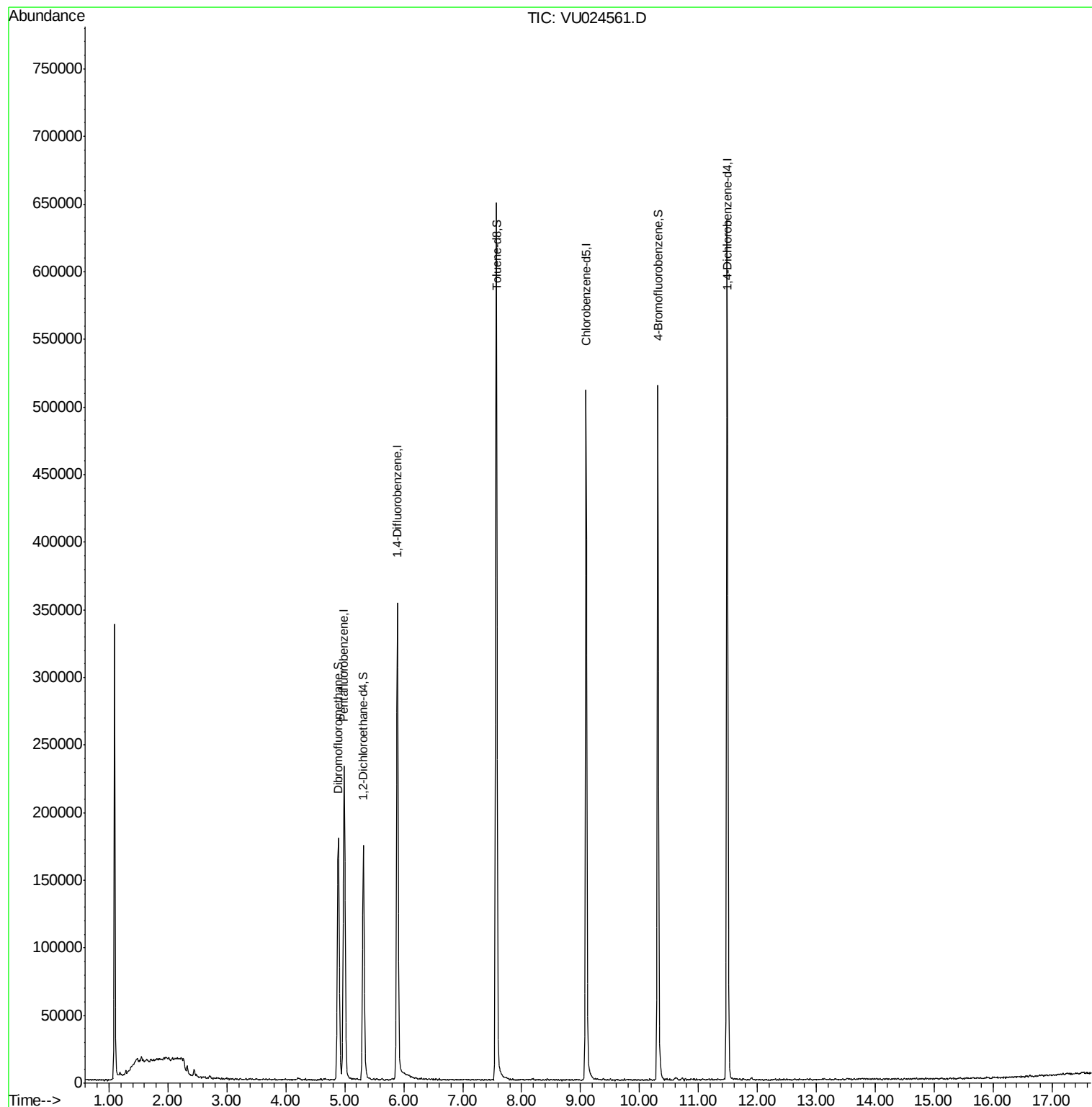
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024561.D

Acq: 15 Jun 2018 00:13

Instrument :

MSVOA_U

ClientSampleId :

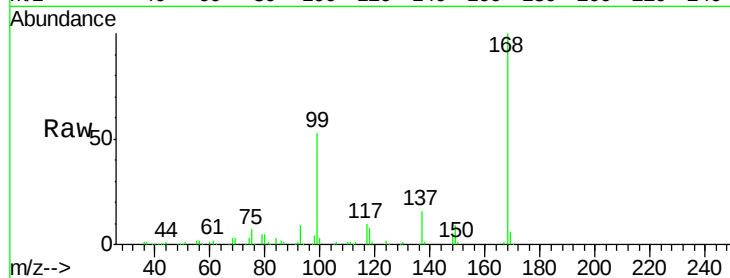
Z5TB05-180611

Tot Ion:168 Resp: 184084

Ion Ratio Lower Upper

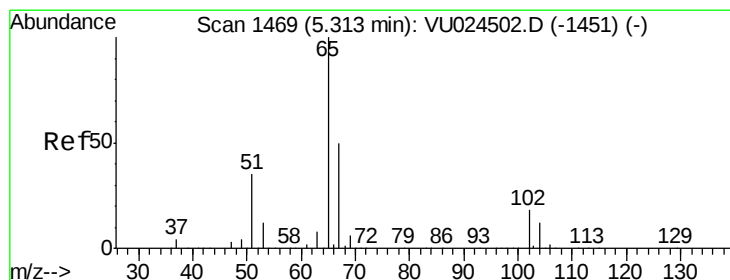
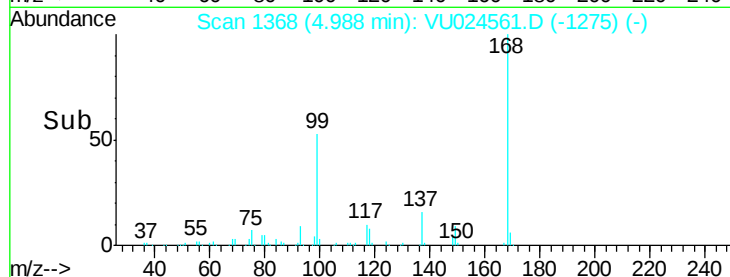
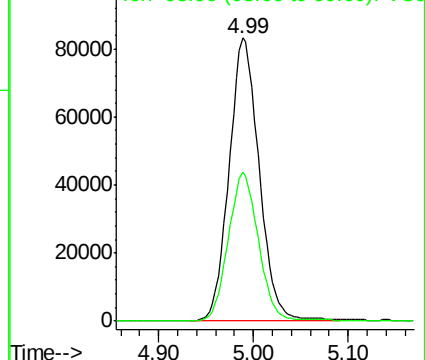
168 100

99 52.5 43.2 64.8



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

Ion 98.90 (98.60 to 99.60): VU024502.D



#33

1,2-Dichloroethane-d4

Concen: 45.106 ug/l

RT: 5.32 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VU024561.D

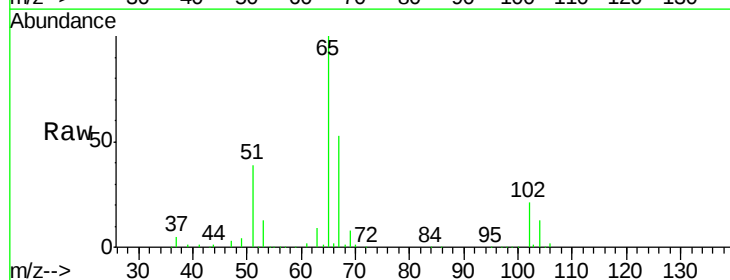
Acq: 15 Jun 2018 00:13

Tgt Ion: 65 Resp: 135553

Ion Ratio Lower Upper

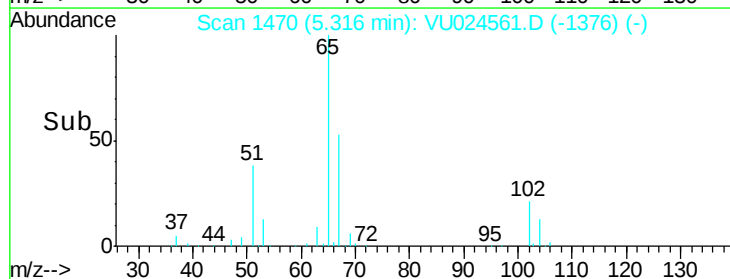
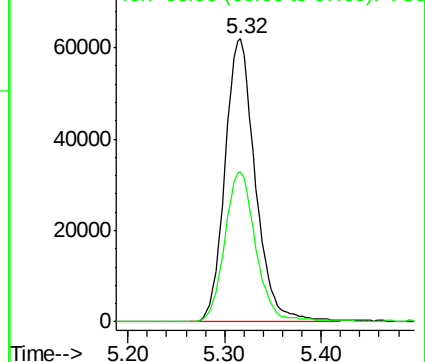
65 100

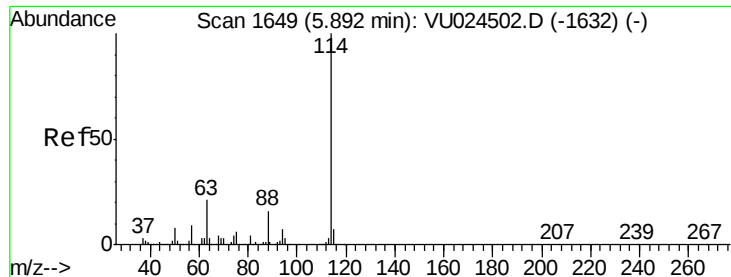
67 54.0 0.0 107.0



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

Ion 66.90 (66.60 to 67.60): VU024502.D





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024561.D

Acq: 15 Jun 2018 00:13

Instrument :

MSVOA_U

ClientSampleId :

Z5TB05-180611

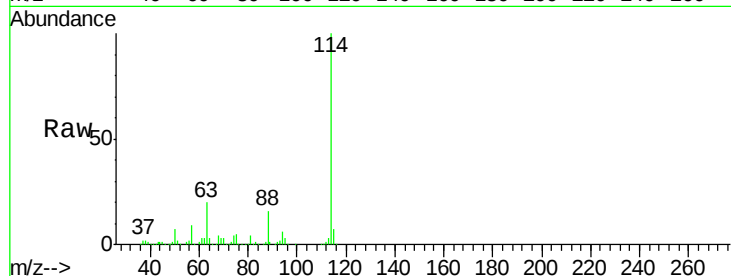
Tot Ion:114 Resp: 309008

Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.4

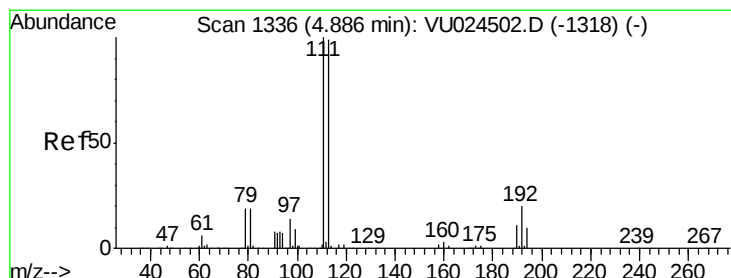
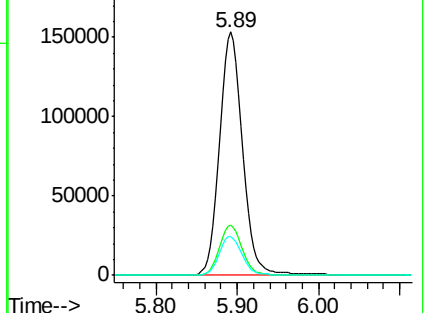
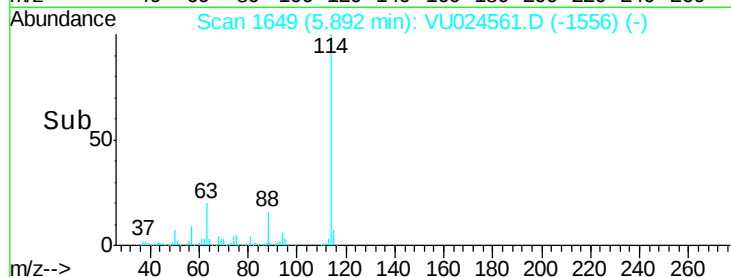
88 15.9 0.0 31.0



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: 47.725 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024561.D

Acq: 15 Jun 2018 00:13

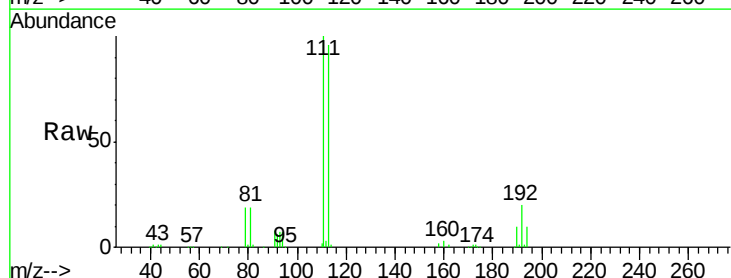
Tgt Ion:113 Resp: 122391

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

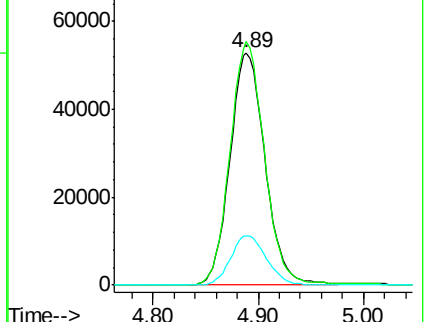
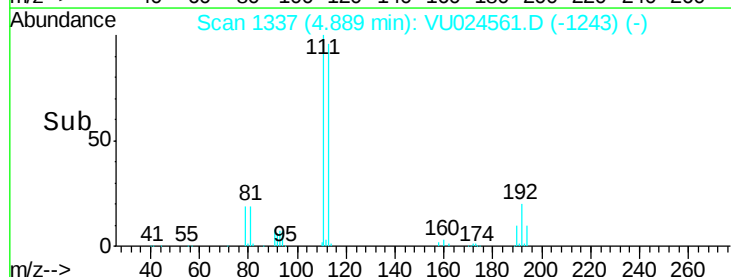
192 21.8 16.2 24.4



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

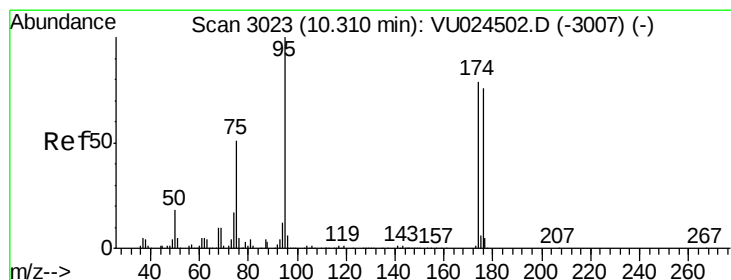
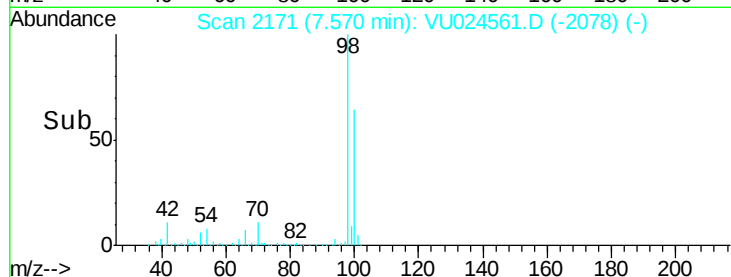
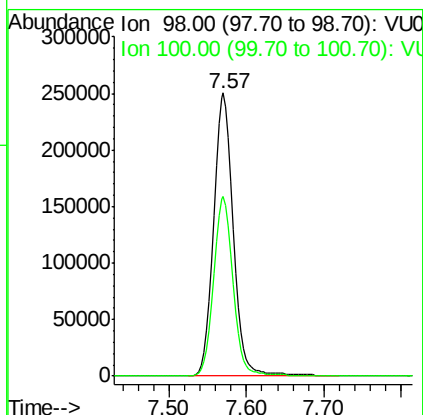
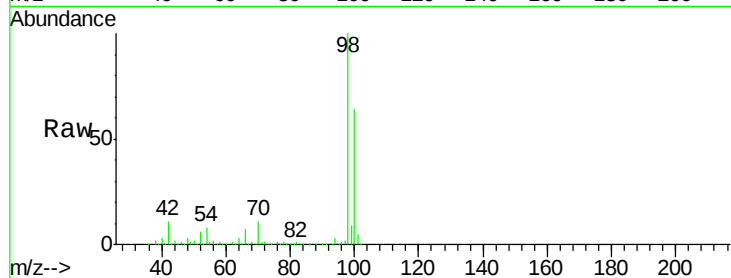




#50
Toluene-d8
Concen: 48.688 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024561.D
Acq: 15 Jun 2018 00:13

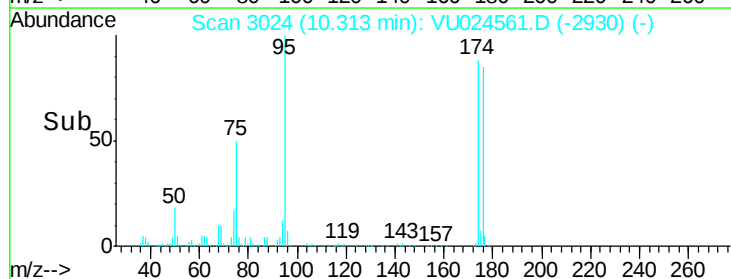
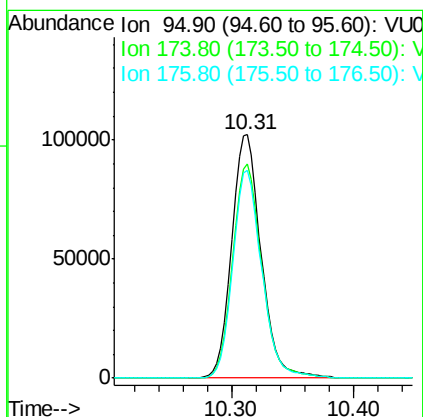
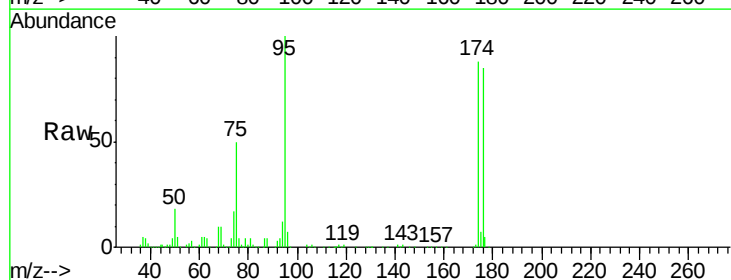
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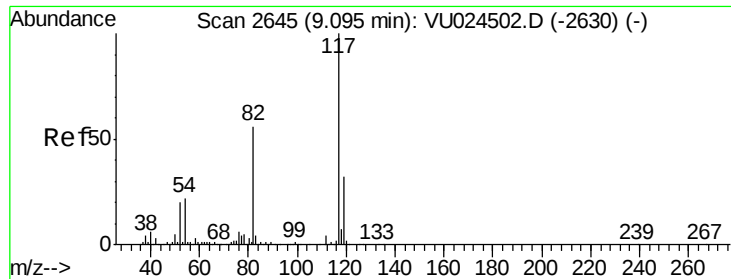
Tot Ion: 98 Resp: 455444
Ion Ratio Lower Upper
98 100
100 62.5 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 46.235 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU024561.D
Acq: 15 Jun 2018 00:13

Tgt Ion: 95 Resp: 171719
Ion Ratio Lower Upper
95 100
174 87.2 0.0 165.8
176 84.2 0.0 159.4

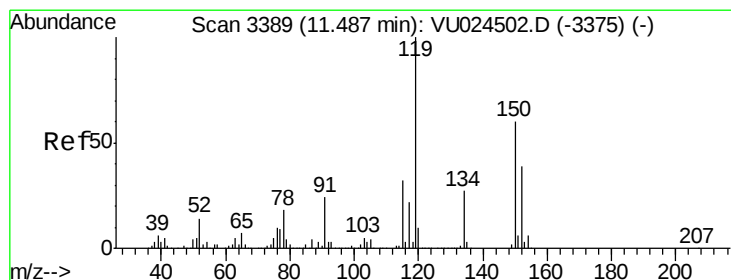
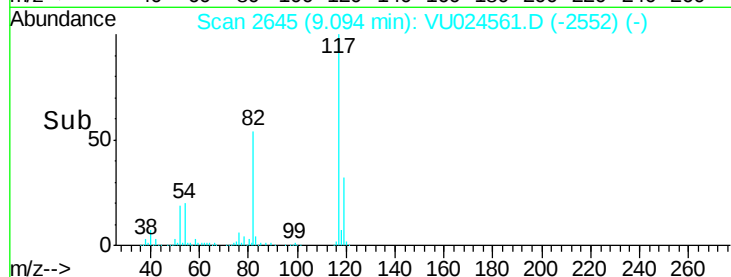
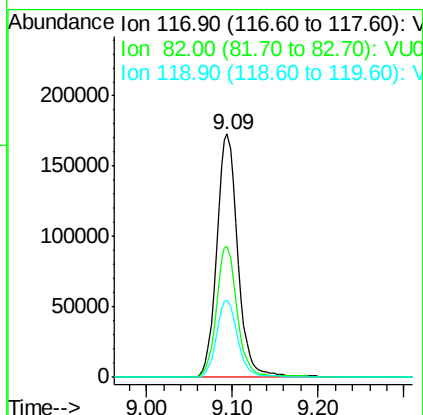
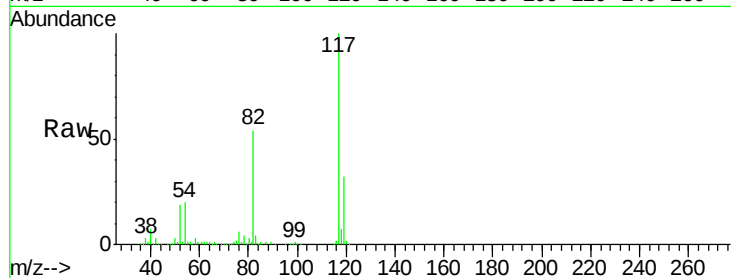




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024561.D
Acq: 15 Jun 2018 00:13

Instrument :
MSVOA_U
ClientSampleId :
Z5TB05-180611

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.3	66.5
119	31.6	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024561.D
Acq: 15 Jun 2018 00:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	43.0	129.0
150	155.0	0.0	354.0

