

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063018\
 Data File : VU025086.D
 Acq On : 30 Jun 2018 14:21
 Operator : MD/SY
 Sample : J3759-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1TB02-180625

Quant Time: Jul 02 09:35:36 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	221061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	327862	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	305014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159500	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	166514	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
35) Dibromofluoromethane	4.89	113	129097	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	7.57	98	474693	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	10.31	95	175915	44.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.28%	

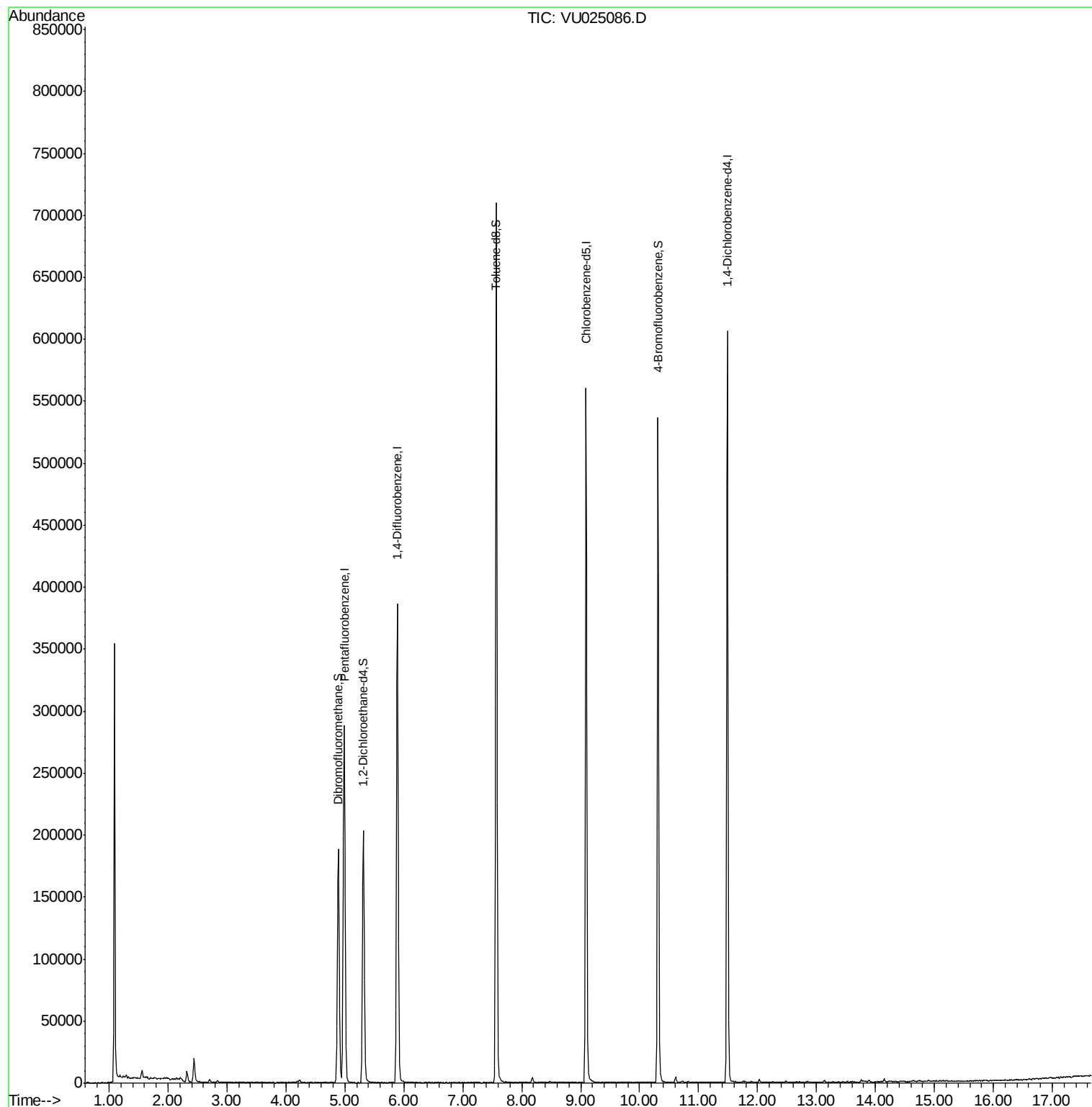
Target Compounds	Qvalue

(#) = 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: VU025086.D

Acq: 30 Jun 2018 14:21

Instrument :

MSVOA_U

ClientSampleId :

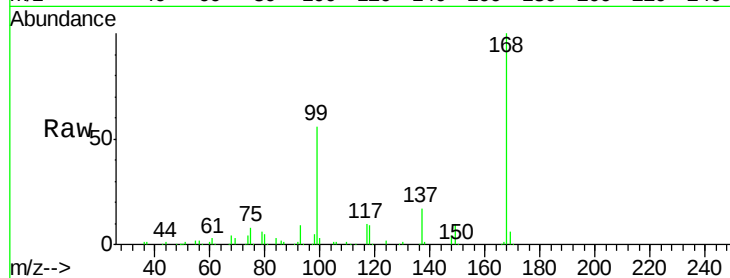
E1TB02-180625

Tot Ion:168 Resp: 221061

Ion Ratio Lower Upper

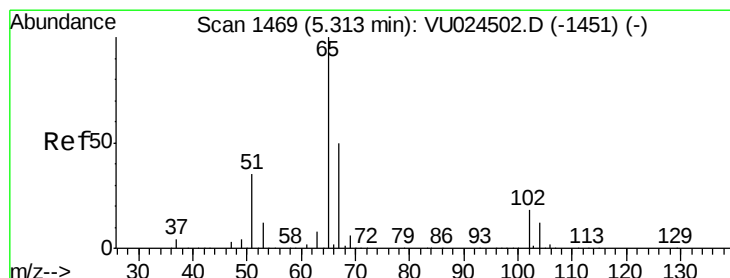
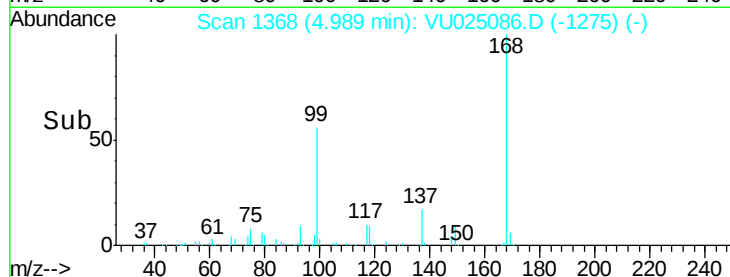
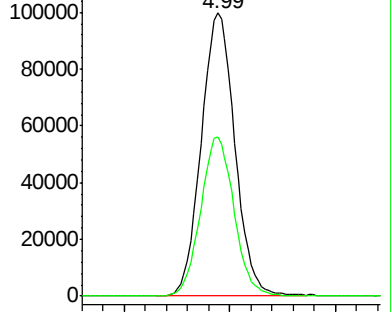
168 100

99 56.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 46.14 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025086.D

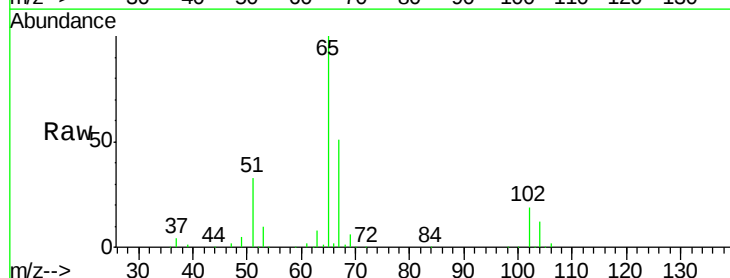
Acq: 30 Jun 2018 14:21

Tgt Ion: 65 Resp: 166514

Ion Ratio Lower Upper

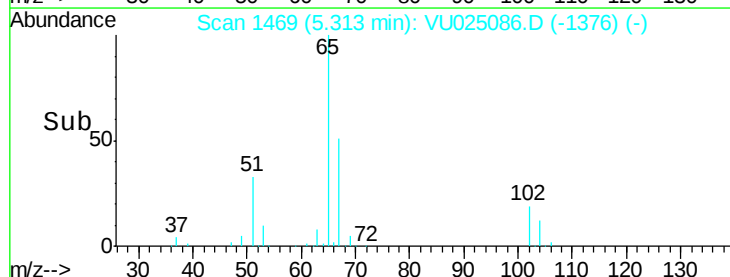
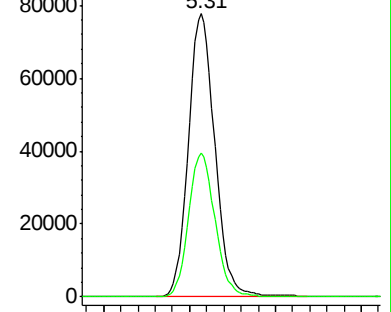
65 100

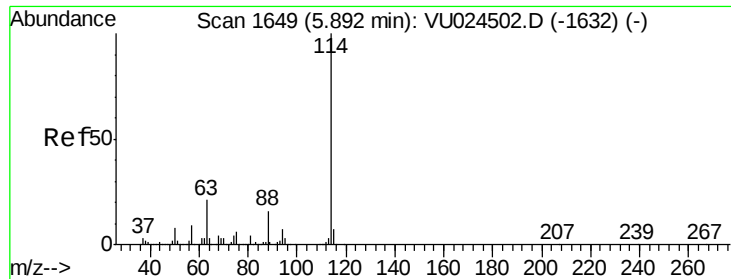
67 50.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025086.D

Acq: 30 Jun 2018 14:21

Instrument :

MSVOA_U

ClientSampleId :

E1TB02-180625

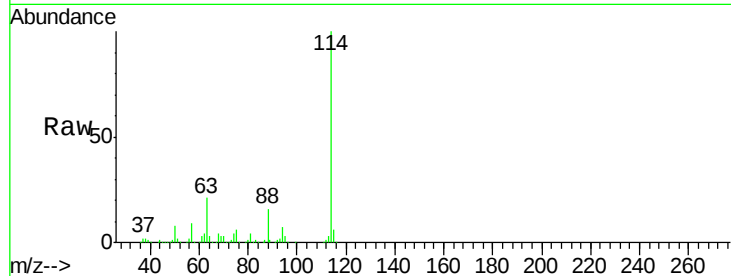
Tot Ion:114 Resp: 327862

Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.4

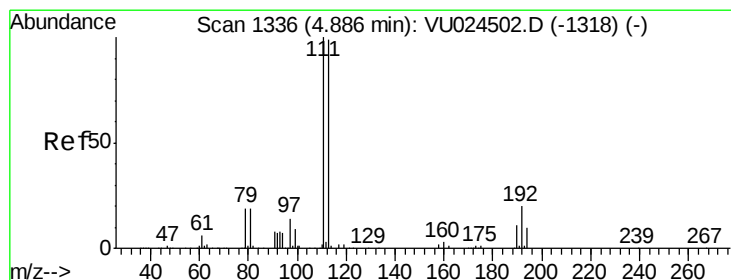
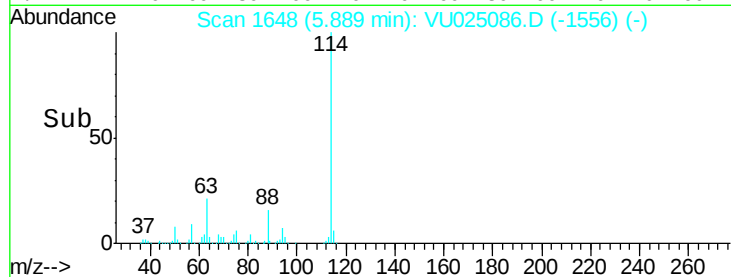
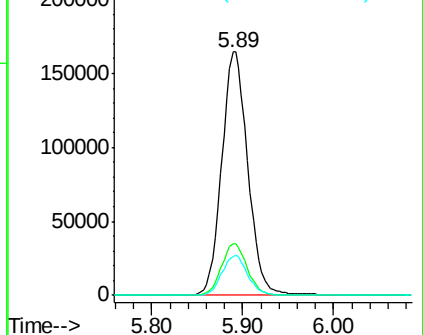
88 16.0 0.0 31.0



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: 47.44 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025086.D

Acq: 30 Jun 2018 14:21

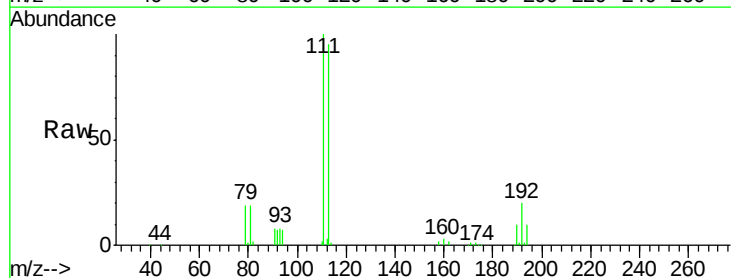
Tgt Ion:113 Resp: 129097

Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

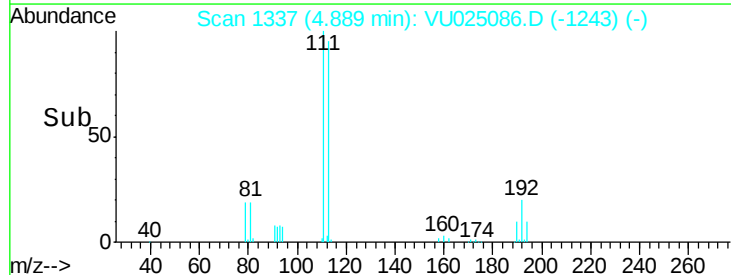
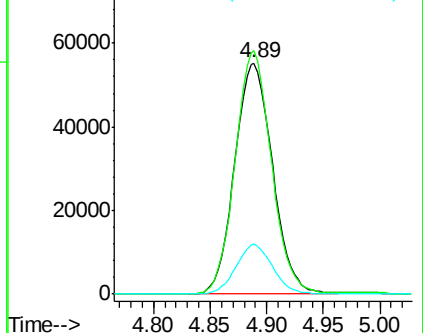
192 20.7 16.2 24.4



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

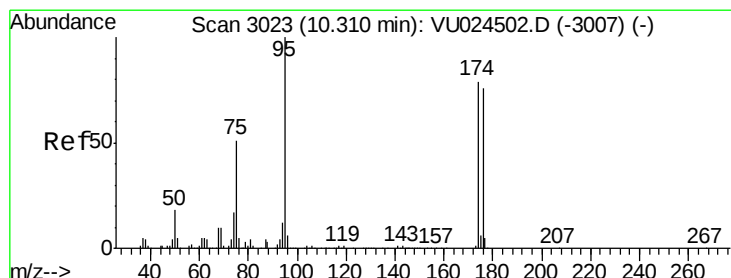
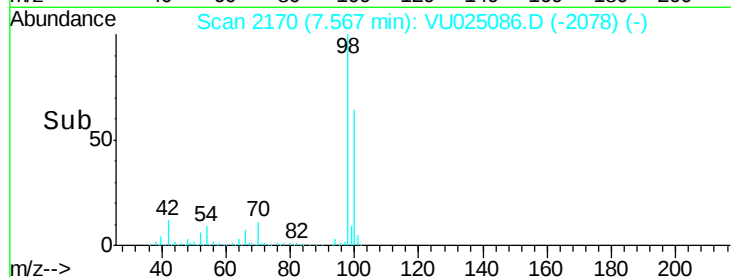
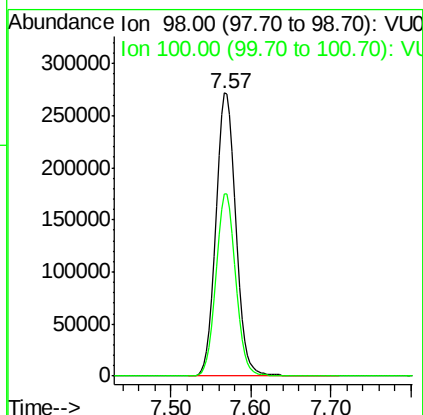
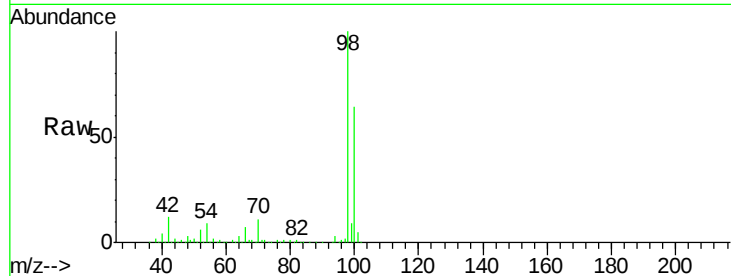




#50
Toluene-d8
Concen: 47.83 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025086.D
Acq: 30 Jun 2018 14:21

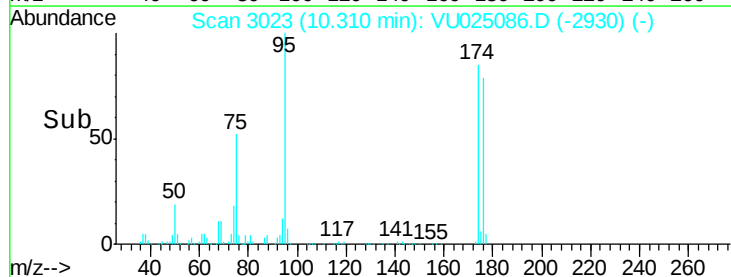
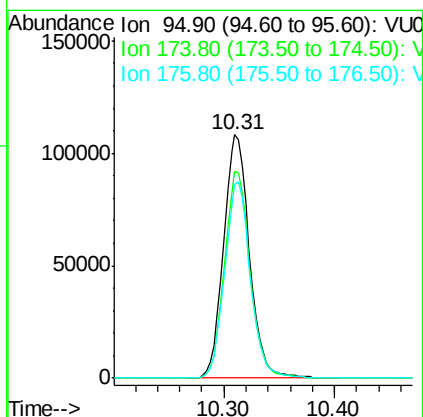
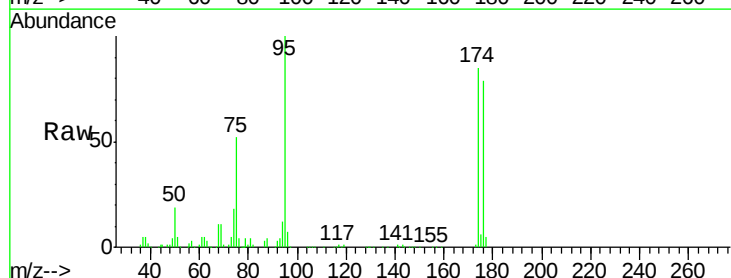
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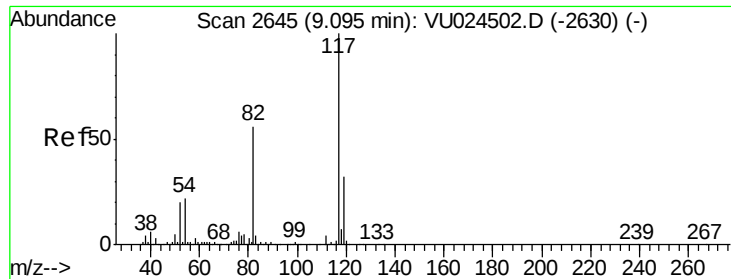
Tot Ion: 98 Resp: 474693
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 44.64 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025086.D
Acq: 30 Jun 2018 14:21

Tgt Ion: 95 Resp: 175915
Ion Ratio Lower Upper
95 100
174 84.5 0.0 165.8
176 80.4 0.0 159.4

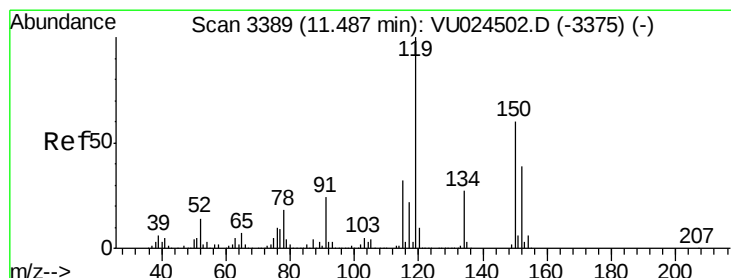
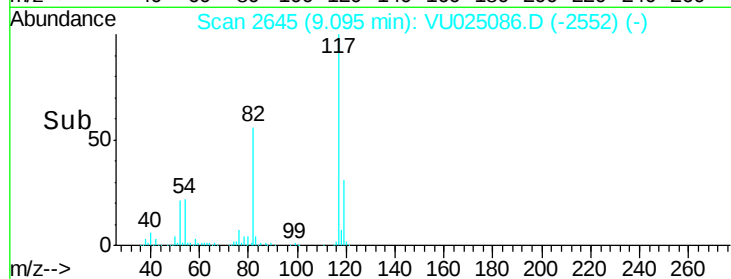
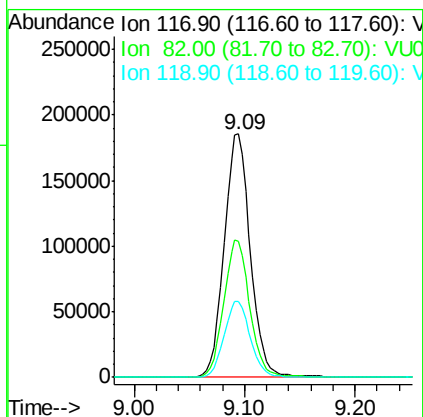
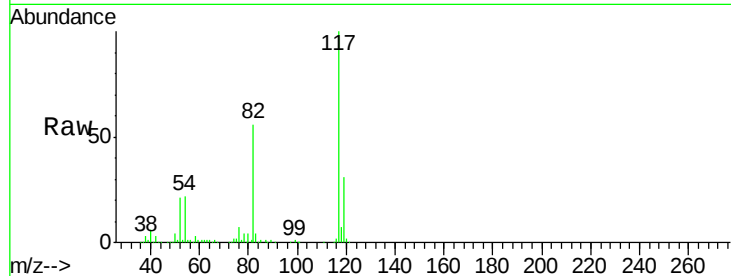




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025086.D
Acq: 30 Jun 2018 14:21

Instrument :
MSVOA_U
ClientSampleId :
E1TB02-180625

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.3	66.5
119	31.2	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: VU025086.D
Acq: 30 Jun 2018 14:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	43.0	129.0
150	154.8	0.0	354.0

