

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025009.D
 Acq On : 28 Jun 2018 10:33
 Operator : MD/SY
 Sample : VU0628WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0628WBL01

Quant Time: Jun 29 05:28:31 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	232147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	349768	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	322536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	168980	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	175200	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
35) Dibromofluoromethane	4.89	113	136400	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	7.57	98	507761	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	10.31	95	186498	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	

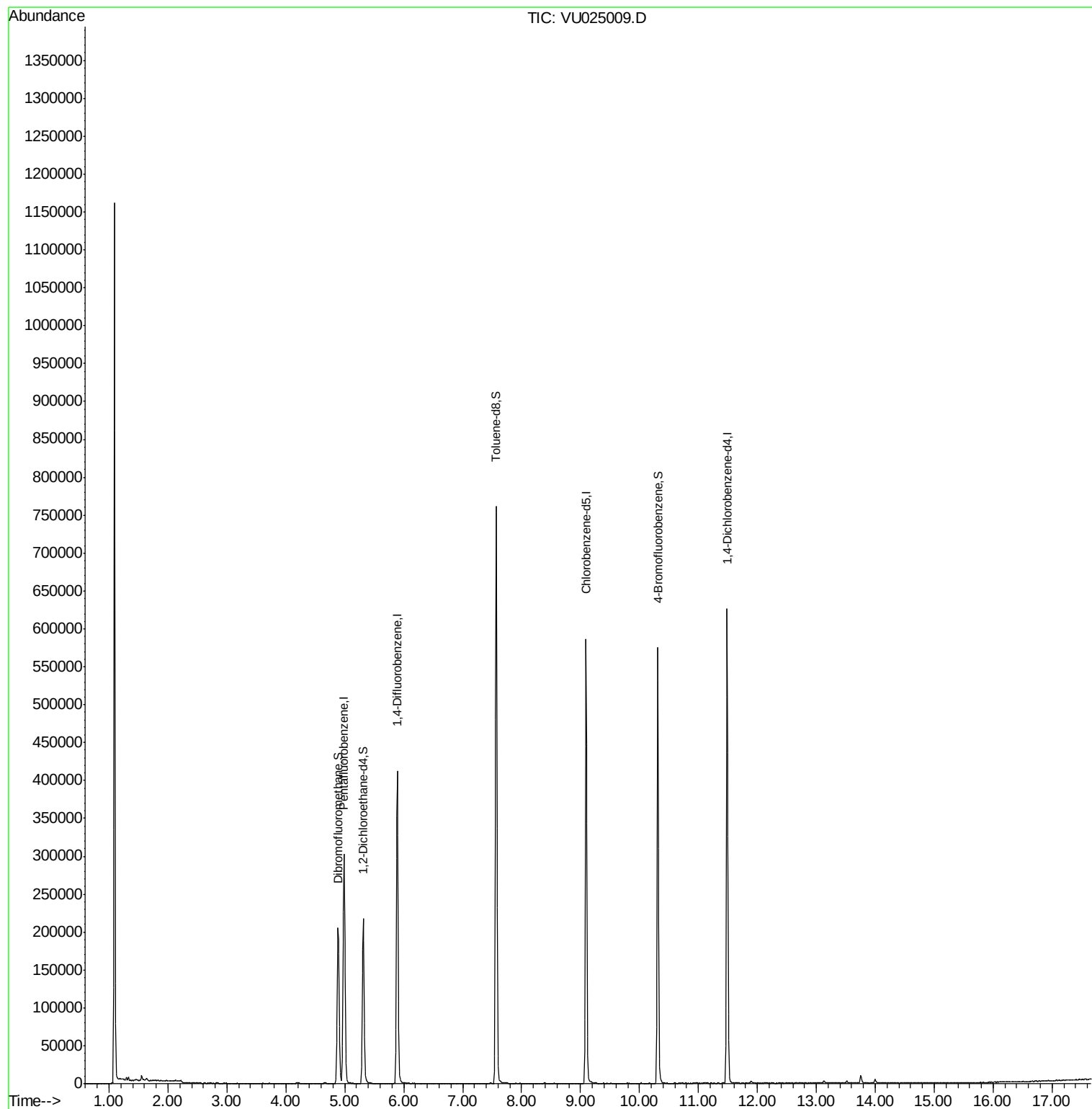
Target Compounds	Qvalue

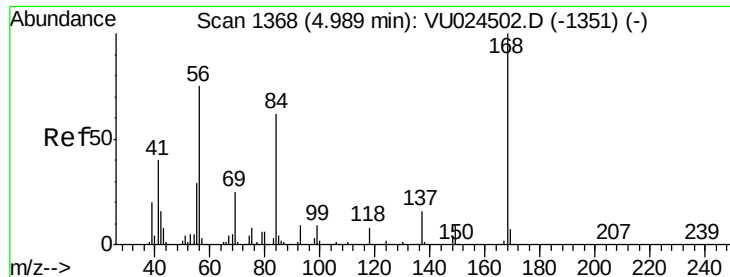
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025009.D

Acq: 28 Jun 2018 10:33

Instrument :

MSVOA_U

ClientSampleId :

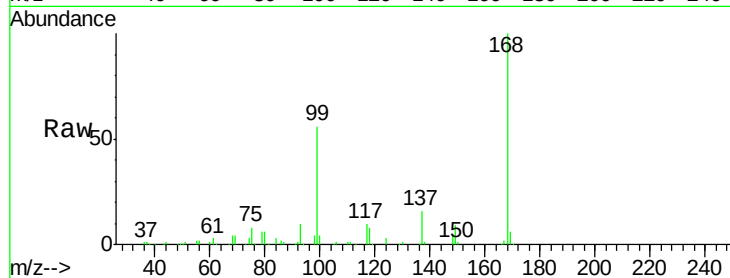
VU0628WBL01

Tot Ion:168 Resp: 232147

Ion Ratio Lower Upper

168 100

99 55.8 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

120000

100000

80000

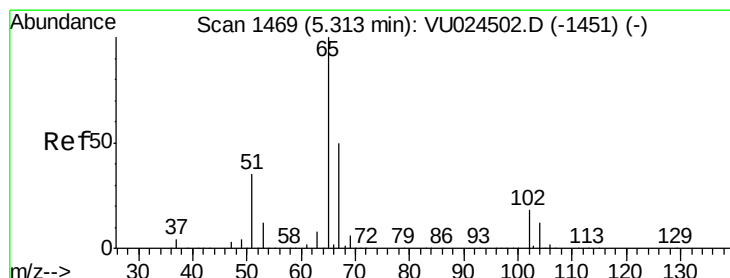
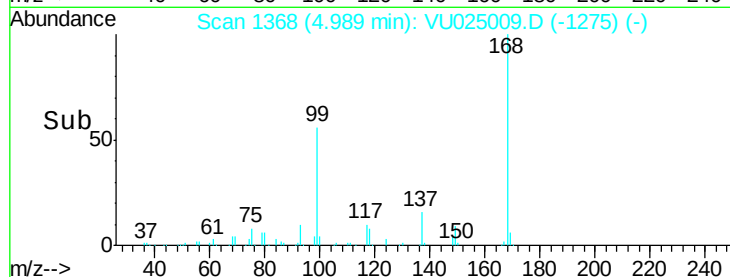
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.23 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025009.D

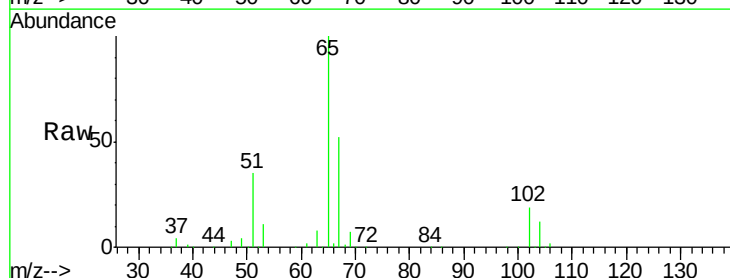
Acq: 28 Jun 2018 10:33

Tgt Ion: 65 Resp: 175200

Ion Ratio Lower Upper

65 100

67 51.5 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

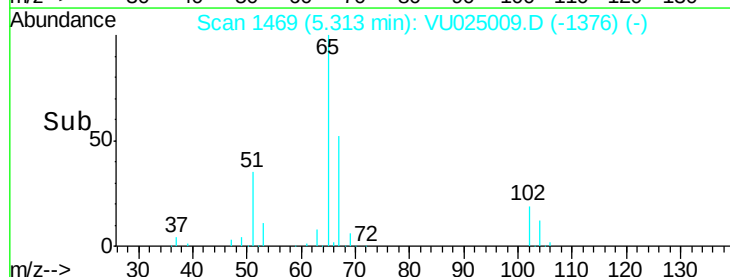
60000

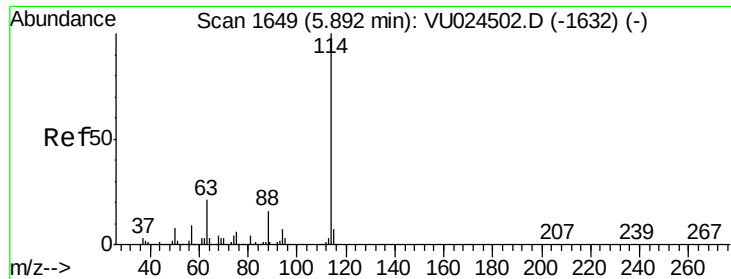
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025009.D

Acq: 28 Jun 2018 10:33

Instrument :

MSVOA_U

ClientSampleId :

VU0628WBL01

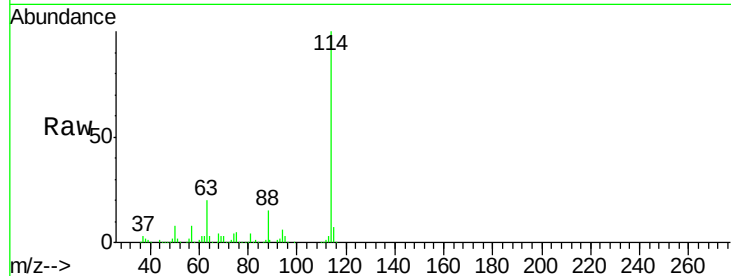
Tot Ion:114 Resp: 349768

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.4

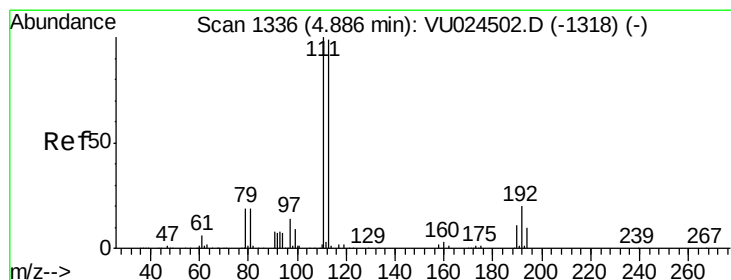
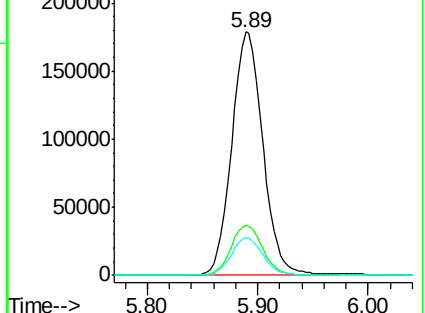
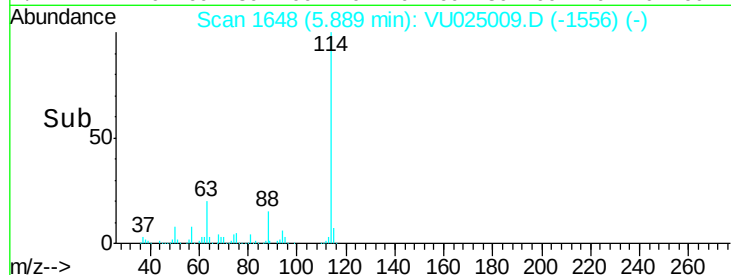
88 15.4 0.0 31.0



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: 46.99 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025009.D

Acq: 28 Jun 2018 10:33

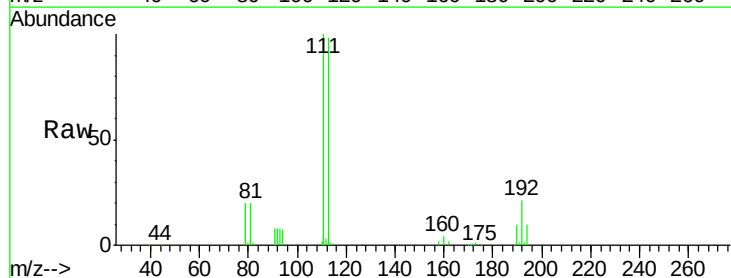
Tgt Ion:113 Resp: 136400

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

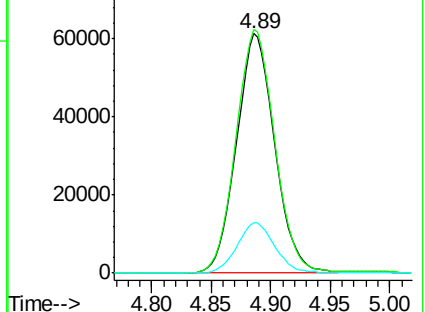
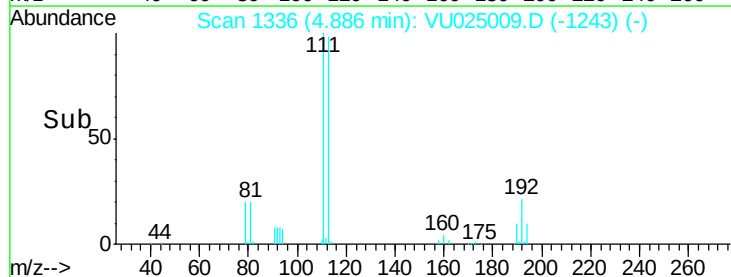
192 20.8 16.2 24.4

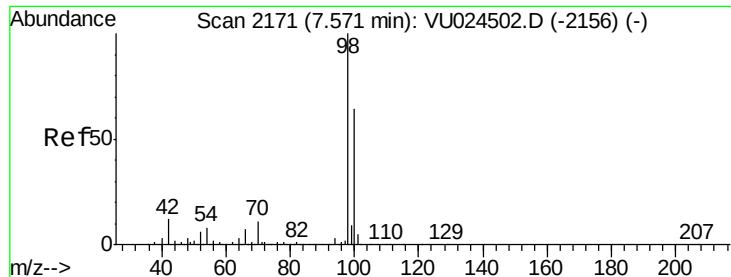


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

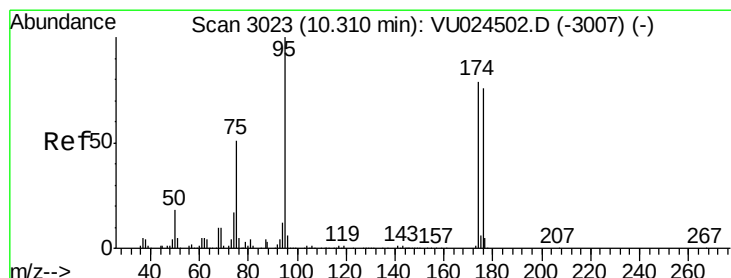
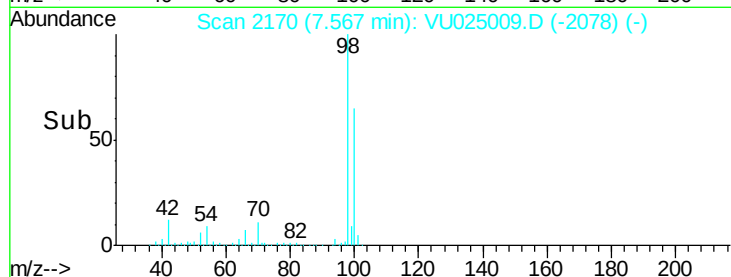
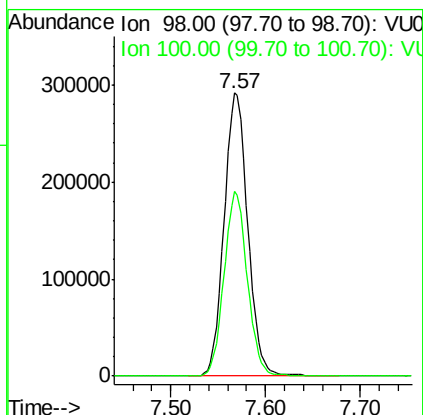
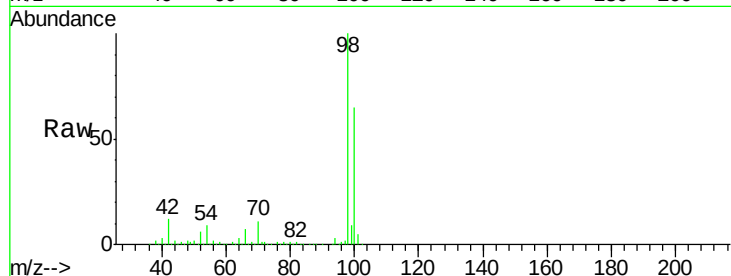




#50
Toluene-d8
Concen: 47.96 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025009.D
Acq: 28 Jun 2018 10:33

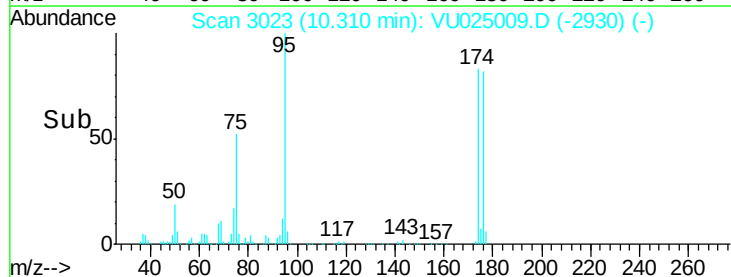
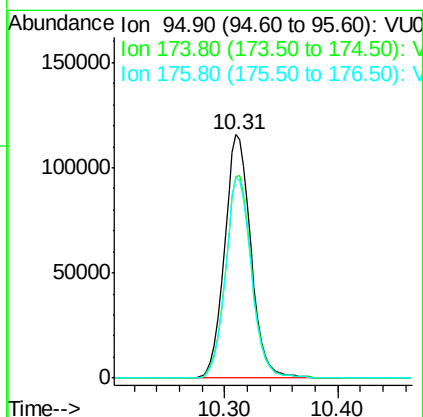
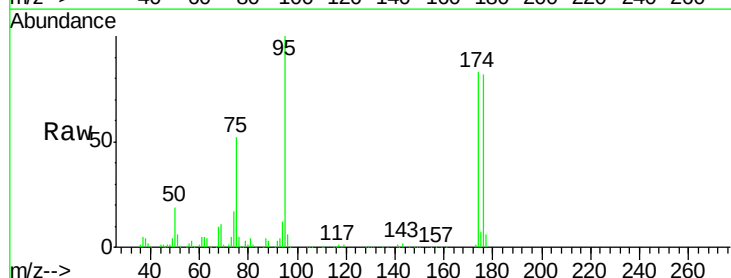
Instrument :
MSVOA_U
ClientSampleId :
VU0628WBL01

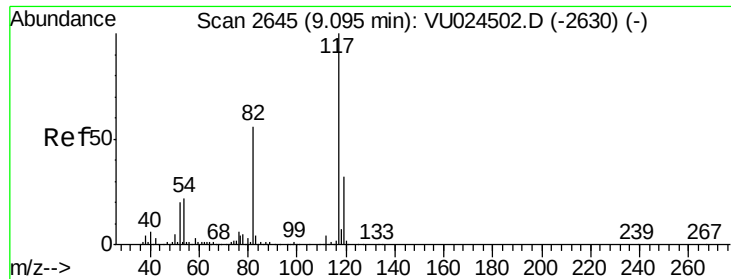
Tot Ion: 98 Resp: 507761
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 44.36 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025009.D
Acq: 28 Jun 2018 10:33

Tgt Ion: 95 Resp: 186498
Ion Ratio Lower Upper
95 100
174 83.3 0.0 165.8
176 81.4 0.0 159.4

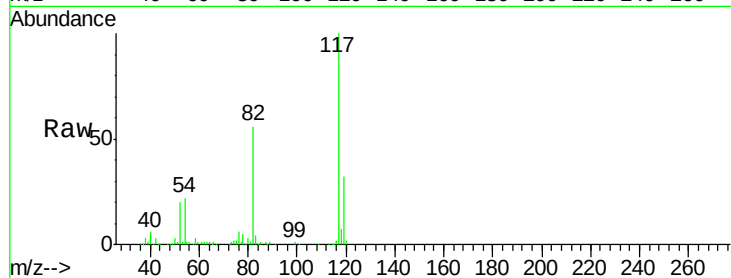




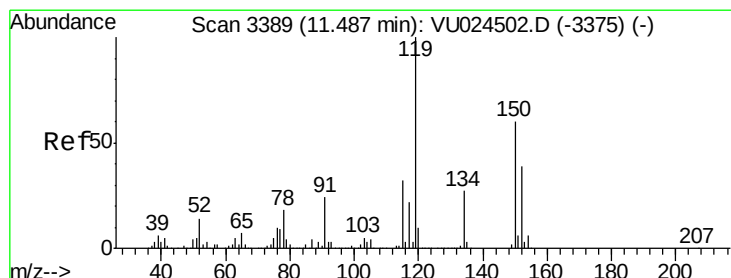
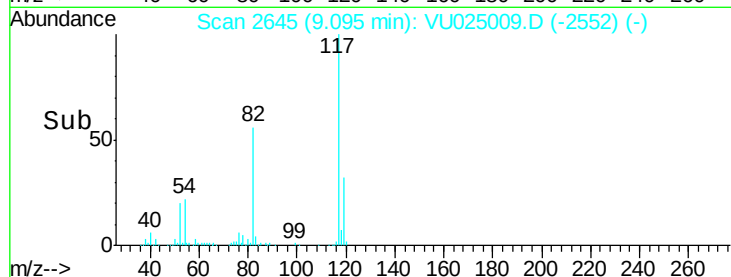
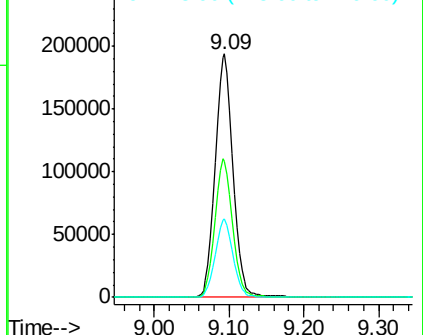
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025009.D
Acq: 28 Jun 2018 10:33

Instrument :
MSVOA_U
ClientSampleId :
VU0628WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.3	66.5
119	32.0	25.4	38.2

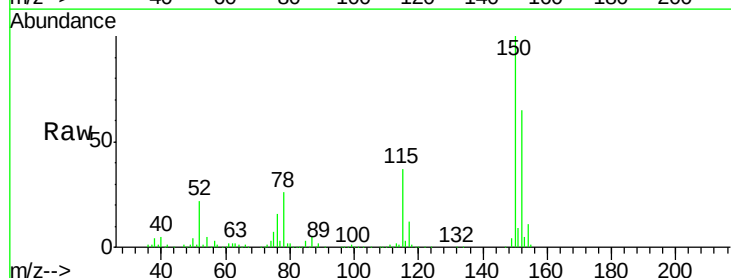


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025009.D
Acq: 28 Jun 2018 10:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	43.0	129.0
150	155.0	0.0	354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

