

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024681.D
 Acq On : 18 Jun 2018 10:59
 Operator : MD/SY
 Sample : VU0618WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0618WBL01

Quant Time: Jun 18 17:47:50 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	209698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	332004	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	307849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	160148	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	145070	42.38	ug/l	0.00
Spiked Amount						
			Recovery	=	84.76%	
35) Dibromofluoromethane	4.89	113	132778	48.19	ug/l	0.00
Spiked Amount						
			Recovery	=	96.38%	
50) Toluene-d8	7.57	98	475686	47.33	ug/l	0.00
Spiked Amount						
			Recovery	=	94.66%	
62) 4-Bromofluorobenzene	10.31	95	172297	43.18	ug/l	0.00
Spiked Amount						
			Recovery	=	86.36%	

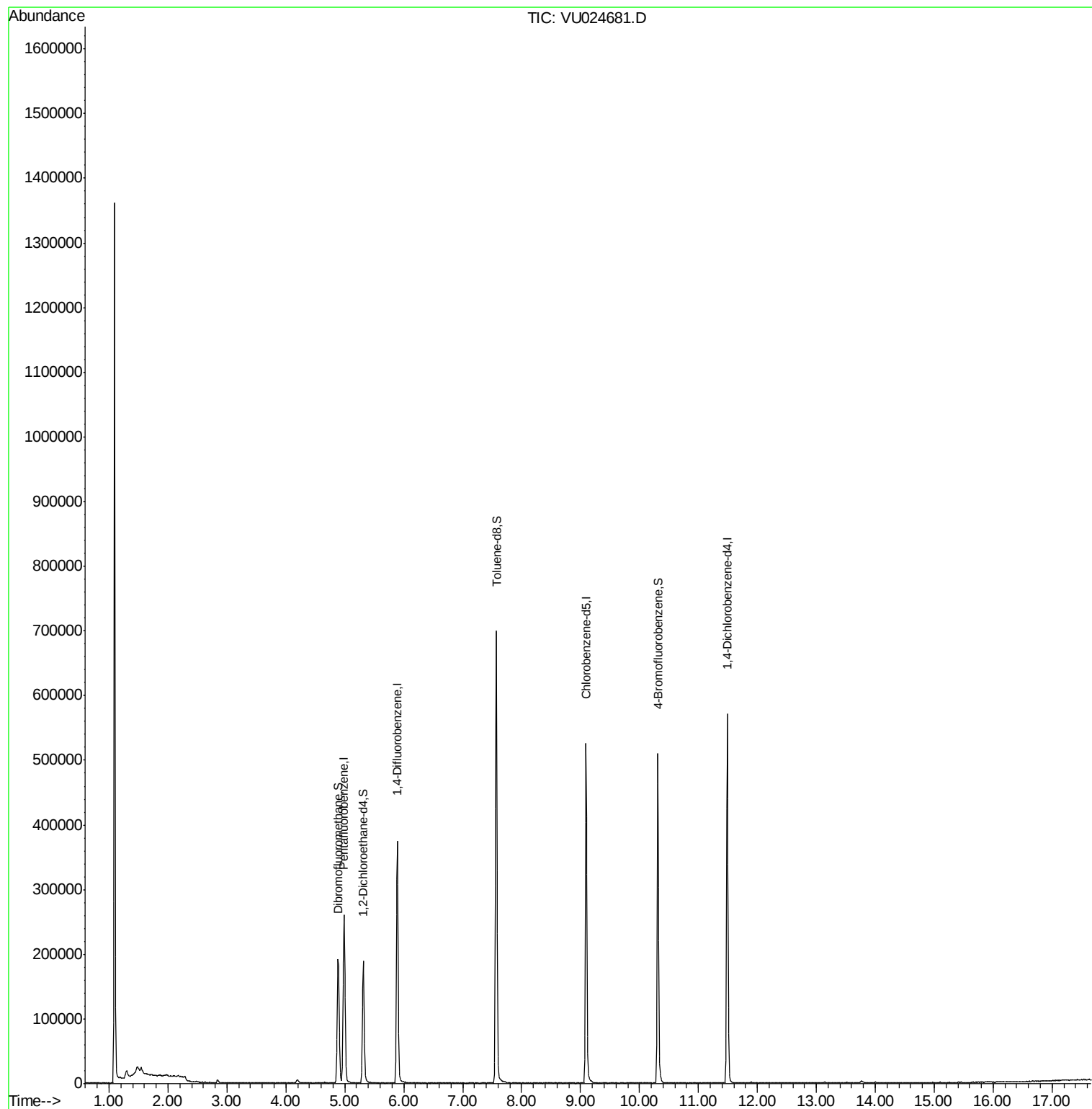
Target Compounds	Qvalue

(#) = 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: VU024681.D

Acq: 18 Jun 2018 10:59

Instrument :

MSVOA_U

ClientSampleId :

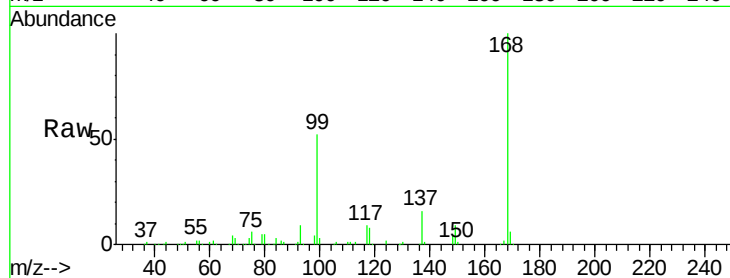
VU0618WBL01

Tot Ion:168 Resp: 209698

Ion Ratio Lower Upper

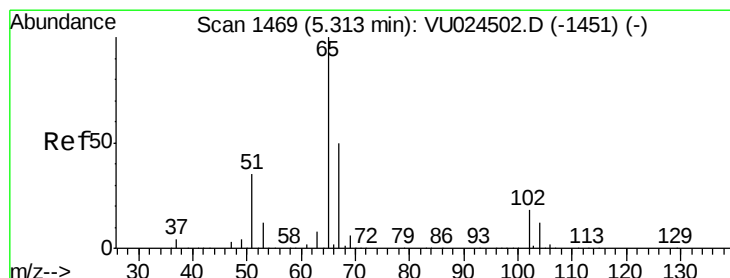
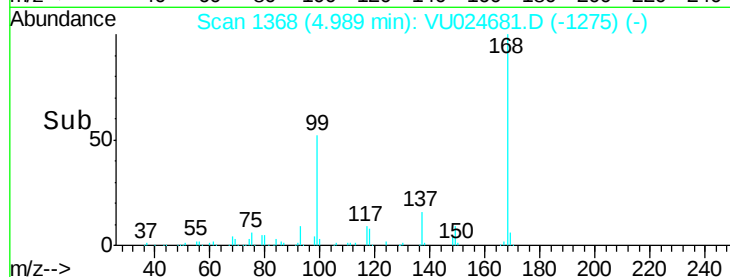
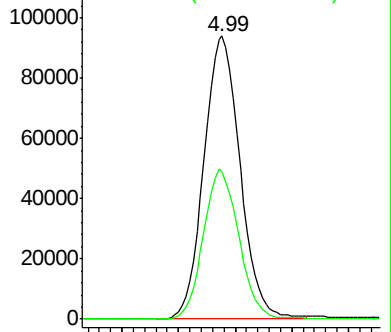
168 100

99 52.1 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: 42.38 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024681.D

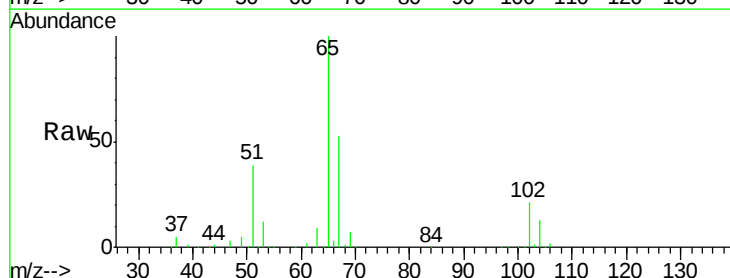
Acq: 18 Jun 2018 10:59

Tgt Ion: 65 Resp: 145070

Ion Ratio Lower Upper

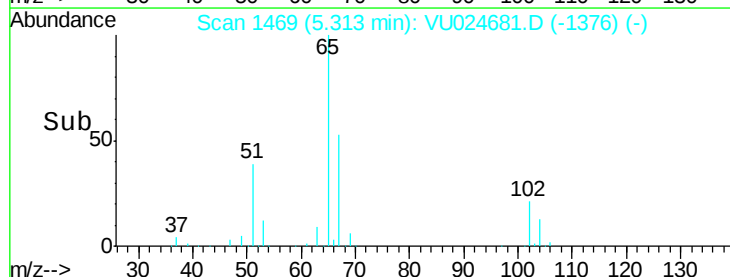
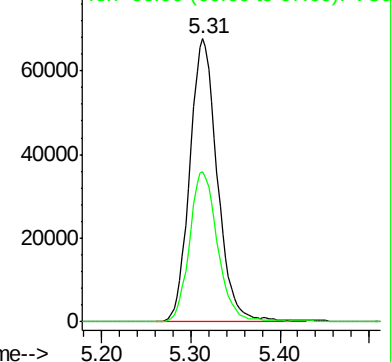
65 100

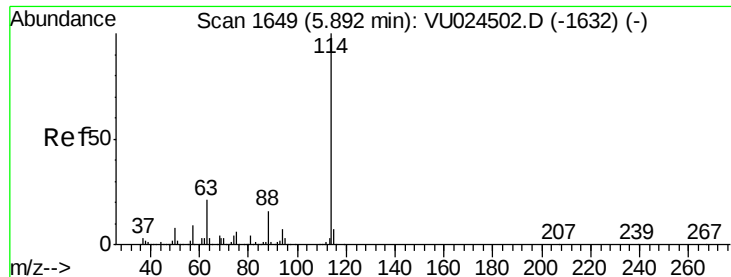
67 53.5 0.0 107.0



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: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024681.D

Acq: 18 Jun 2018 10:59

Instrument :

MSVOA_U

ClientSampleId :

VU0618WBL01

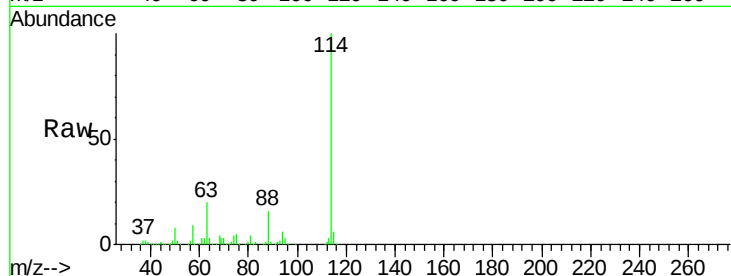
Tot Ion:114 Resp: 332004

Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.4

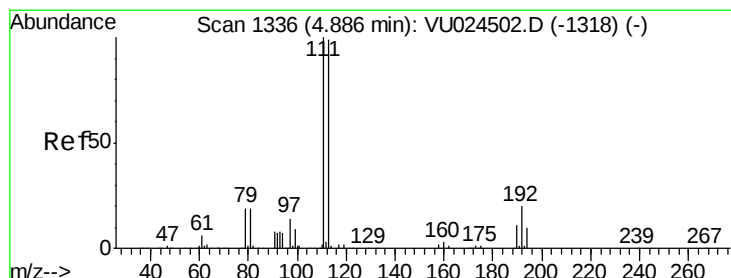
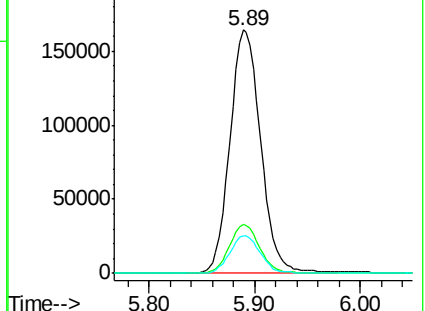
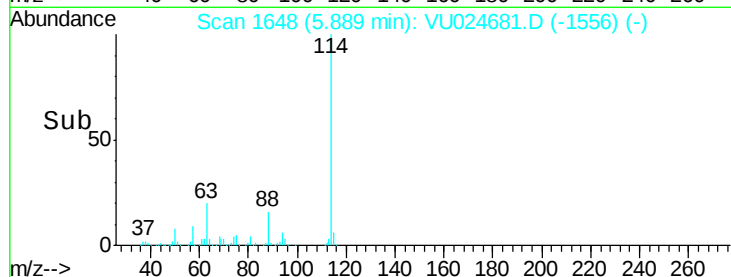
88 15.6 0.0 31.0



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: 48.19 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024681.D

Acq: 18 Jun 2018 10:59

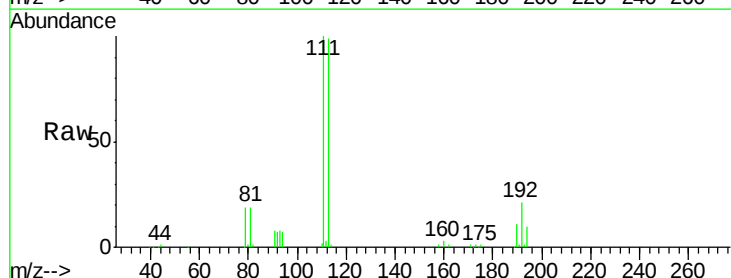
Tgt Ion:113 Resp: 132778

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

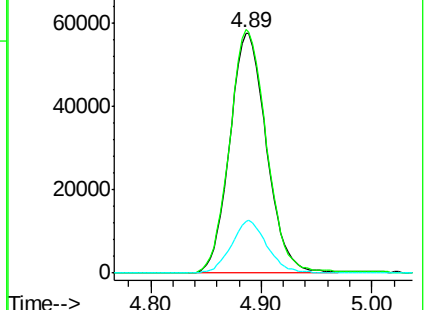
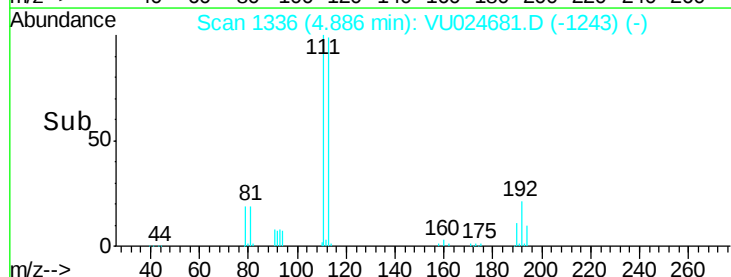
192 21.2 16.2 24.4



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

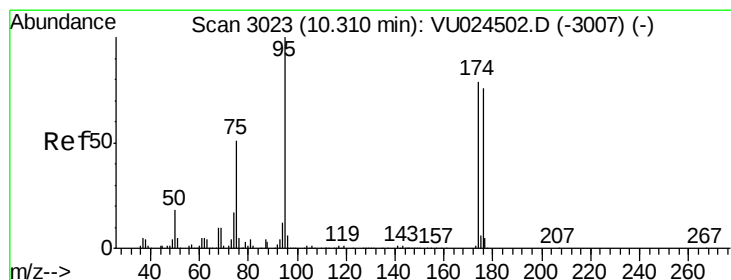
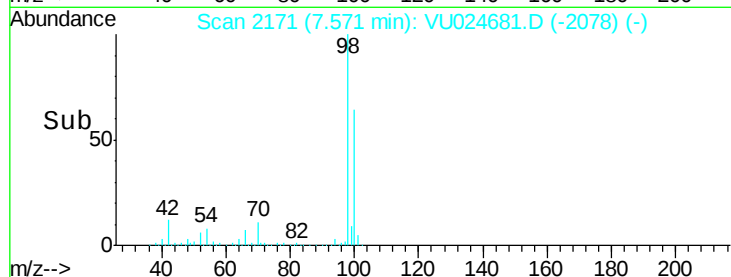
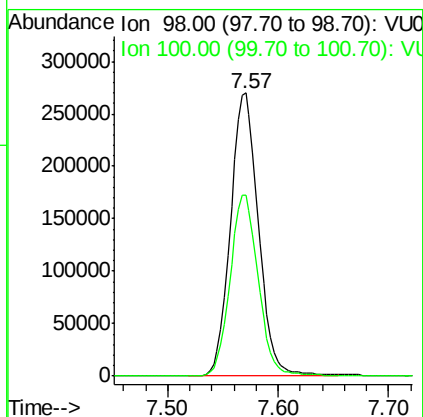
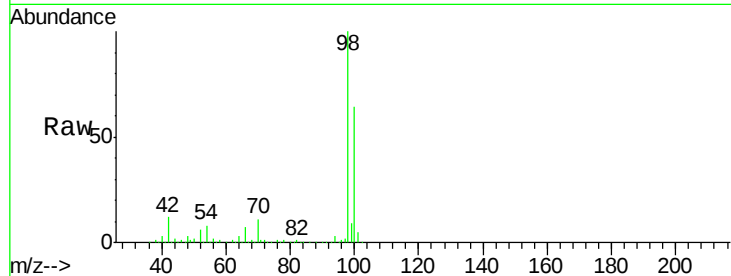




#50
Toluene-d8
Concen: 47.33 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024681.D
Acq: 18 Jun 2018 10:59

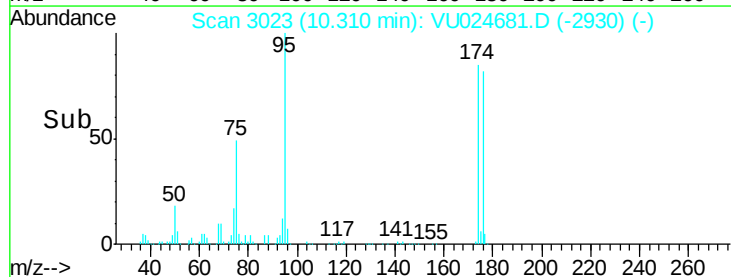
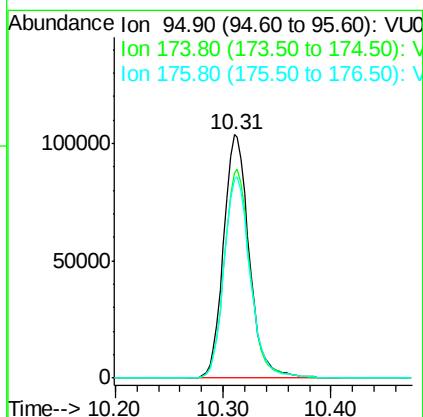
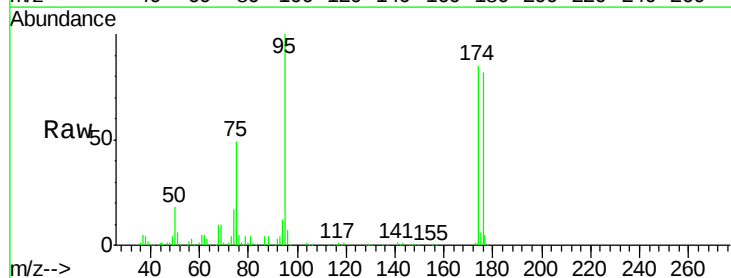
Instrument :
MSVOA_U
ClientSampleId :
VU0618WBL01

Tot Ion: 98 Resp: 475686
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 43.18 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024681.D
Acq: 18 Jun 2018 10:59

Tgt Ion: 95 Resp: 172297
Ion Ratio Lower Upper
95 100
174 86.2 0.0 165.8
176 84.3 0.0 159.4

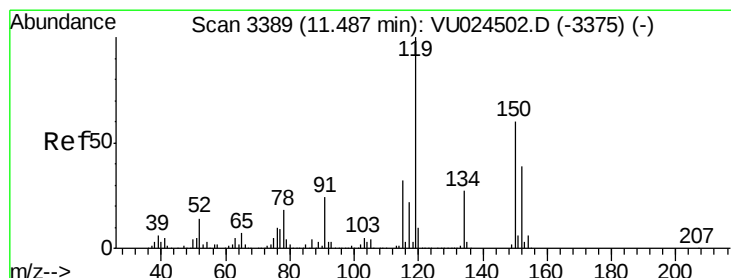
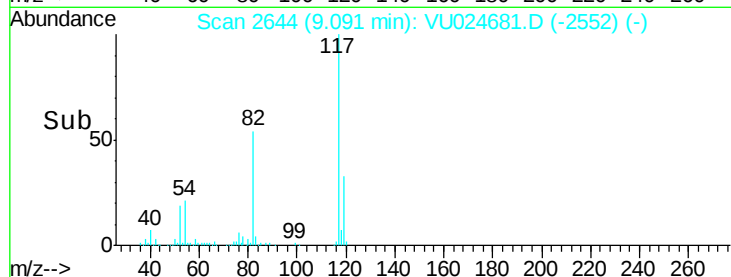
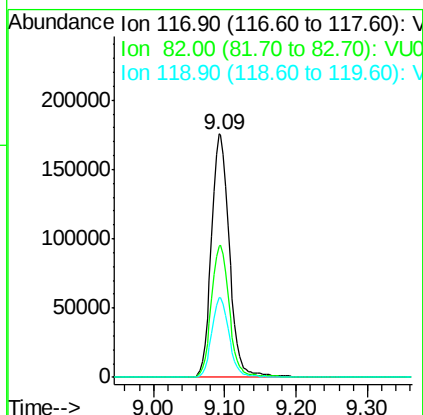
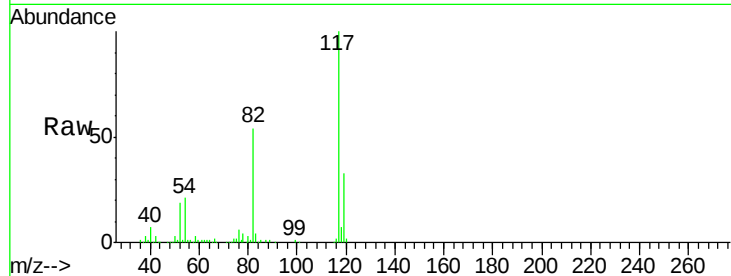




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024681.D
Acq: 18 Jun 2018 10:59

Instrument :
MSVOA_U
ClientSampleId :
VU0618WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.3	66.5
119	32.6	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU024681.D
Acq: 18 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	43.0	129.0
150	154.6	0.0	354.0

