

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073018\
 Data File : VU025714.D
 Acq On : 30 Jul 2018 10:58
 Operator : MD/SY
 Sample : VU0730WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBL01

Quant Time: Jul 30 18:32:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	296925	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	288077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	170101	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	142542	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
35) Dibromofluoromethane	4.89	113	123459	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	7.57	98	427759	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
62) 4-Bromofluorobenzene	10.31	95	165984	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

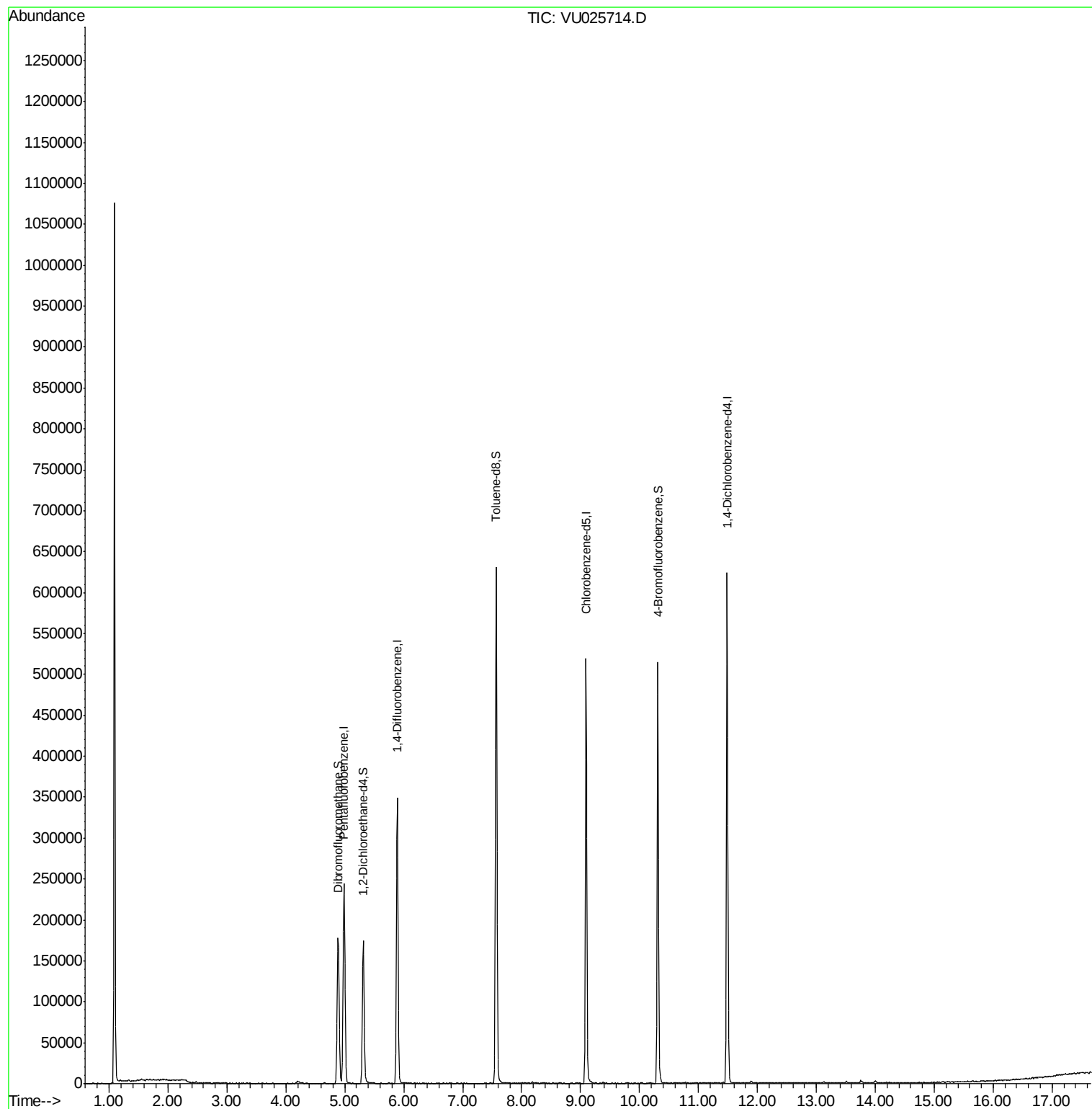
Target Compounds	Qvalue

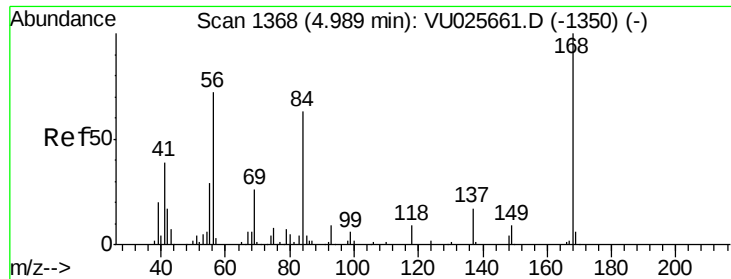
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025714.D

Acq: 30 Jul 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

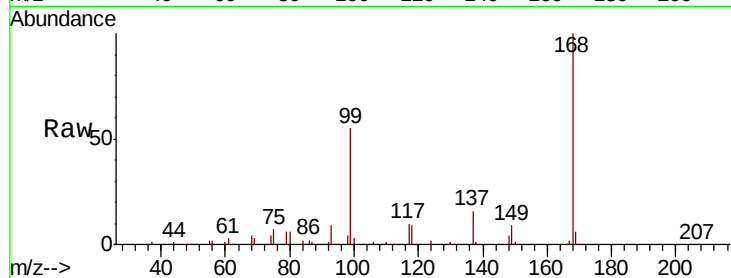
VU0730WBL01

Tot Ion:168 Resp: 189837

Ion Ratio Lower Upper

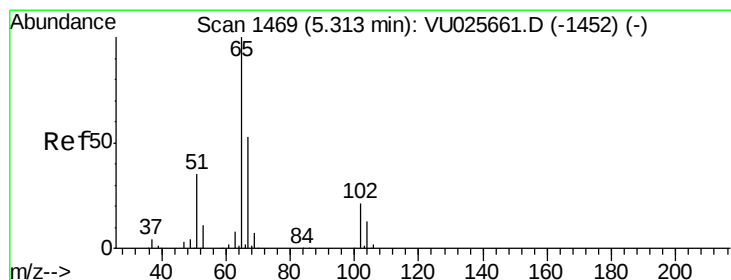
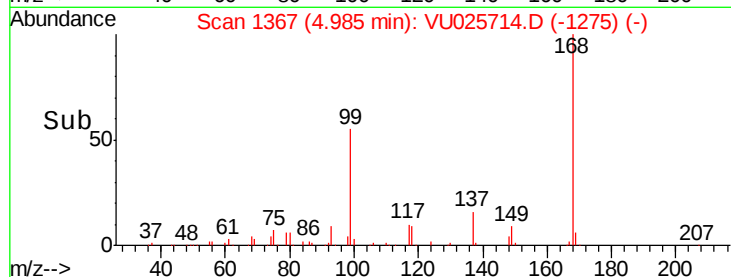
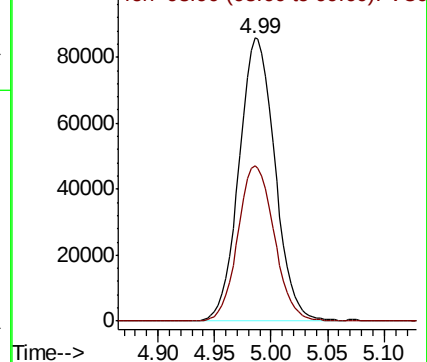
168 100

99 55.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025714.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025714.D (-1350) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.19 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025714.D

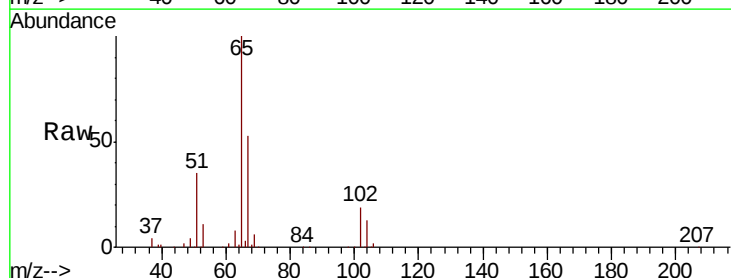
Acq: 30 Jul 2018 10:58

Tgt Ion: 65 Resp: 142542

Ion Ratio Lower Upper

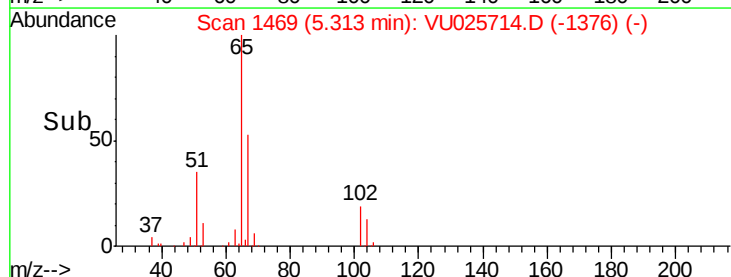
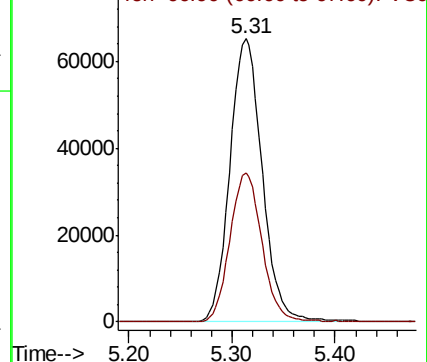
65 100

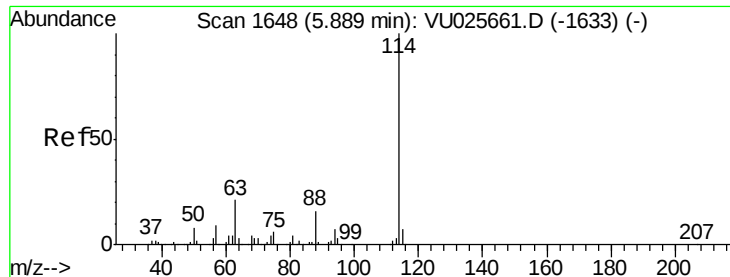
67 52.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025714.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025714.D (-1376) (-)

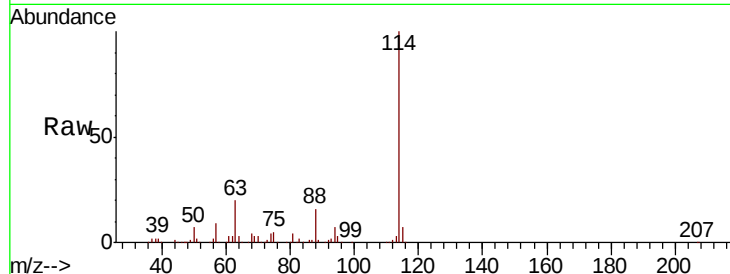




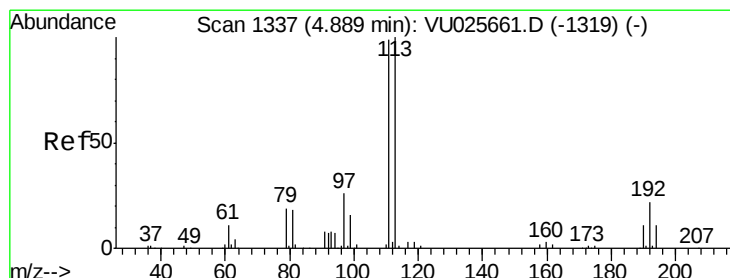
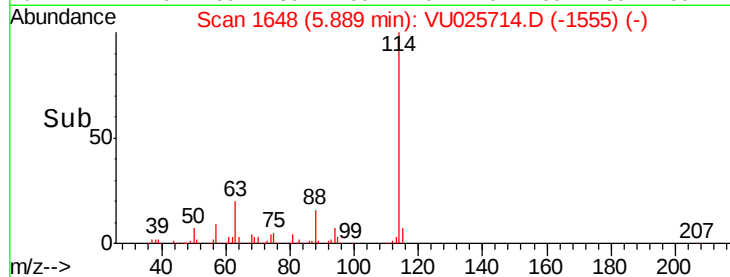
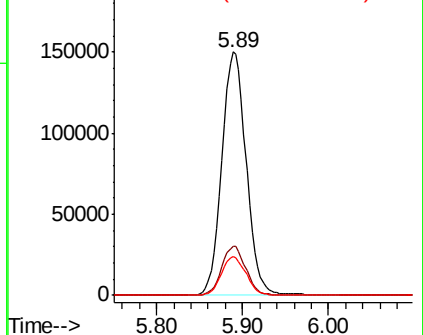
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: VU025714.D
 Acq: 30 Jul 2018 10:58

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0730WBL01

Tot Ion:	114	Resp:	296925
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.6
88	15.8	0.0	32.4

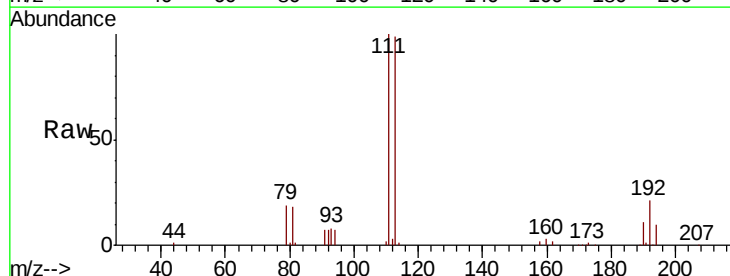


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

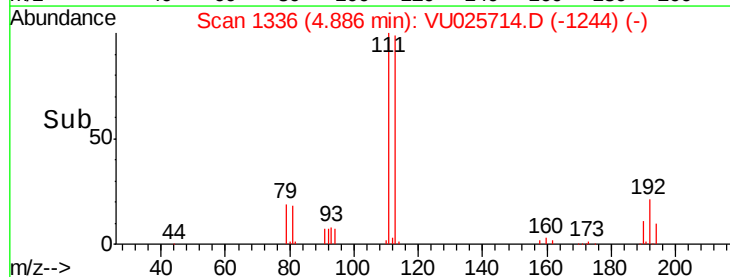
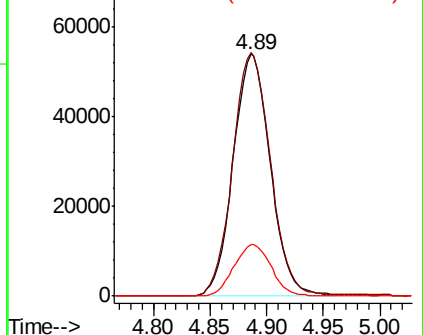


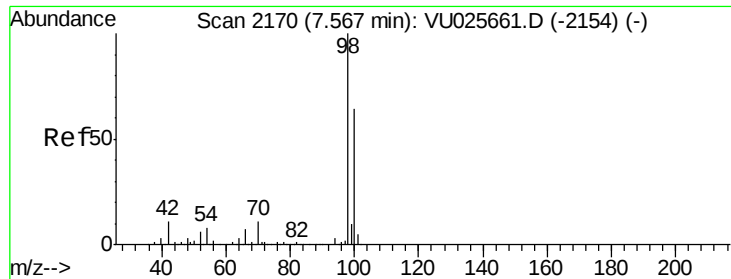
#35
 Dibromofluoromethane
 Concen: 47.81 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025714.D
 Acq: 30 Jul 2018 10:58

Tgt Ion:	113	Resp:	123459
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.7	122.5
192	21.4	17.1	25.7



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# 2170

Delta R.T. 0.00 min

Lab File: VU025714.D

Acq: 30 Jul 2018 10:58

Instrument :

MSVOA_U

ClientSampleId :

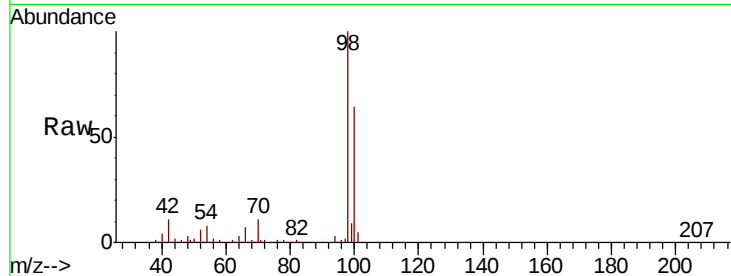
VU0730WBL01

Tot Ion: 98 Resp: 427759

Ion Ratio Lower Upper

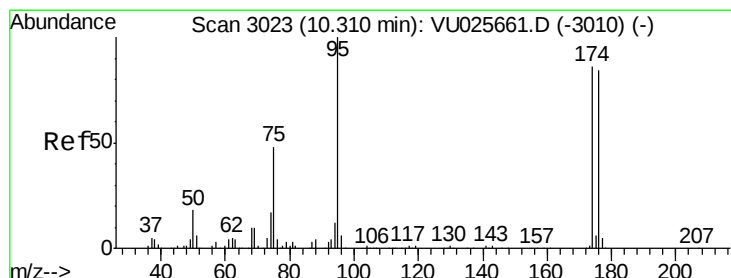
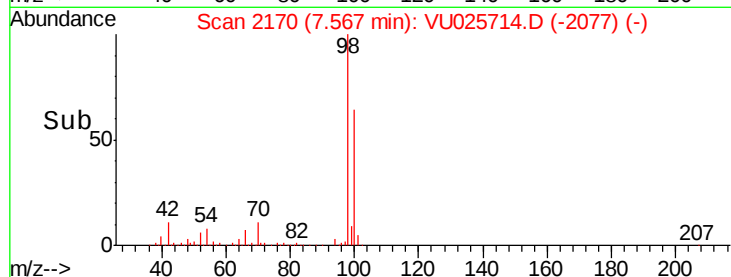
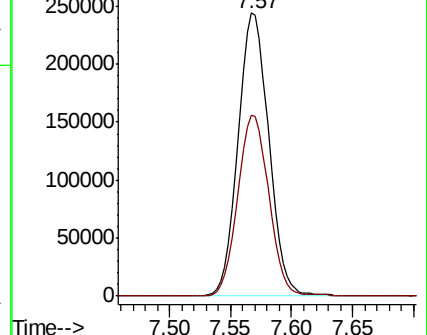
98 100

100 65.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU



#62

4-Bromofluorobenzene

Concen: 47.32 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025714.D

Acq: 30 Jul 2018 10:58

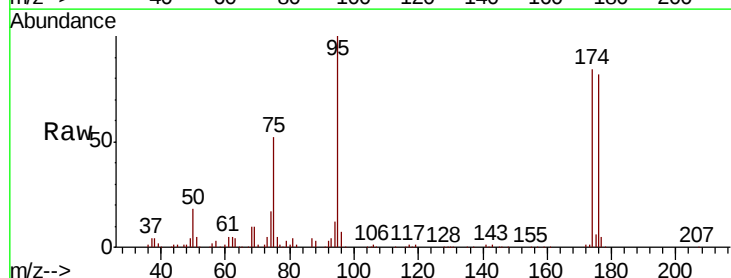
Tgt Ion: 95 Resp: 165984

Ion Ratio Lower Upper

95 100

174 87.5 0.0 172.2

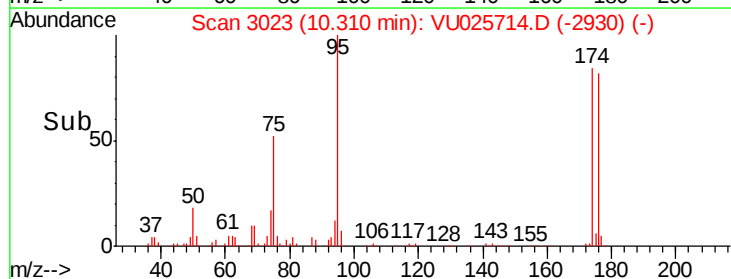
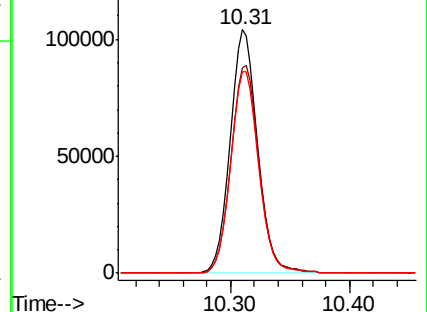
176 84.8 0.0 162.6

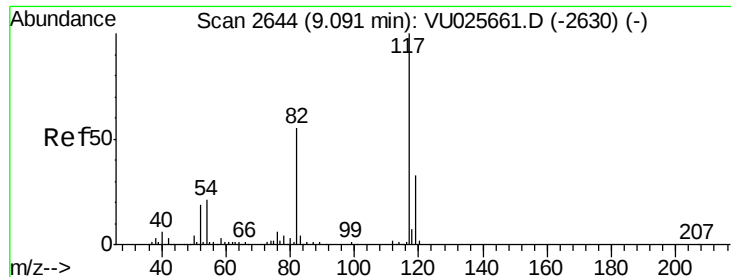


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

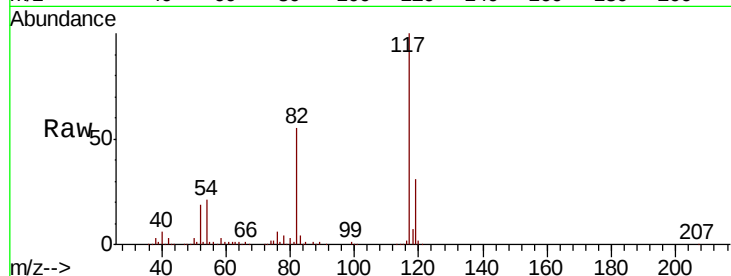




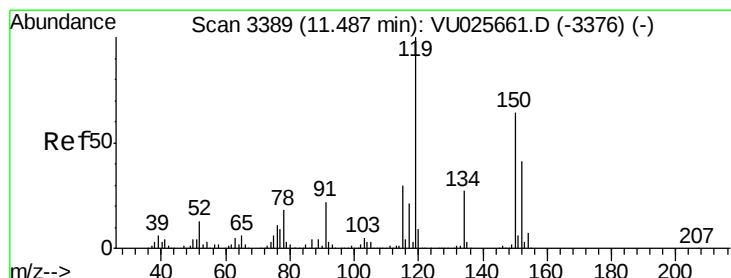
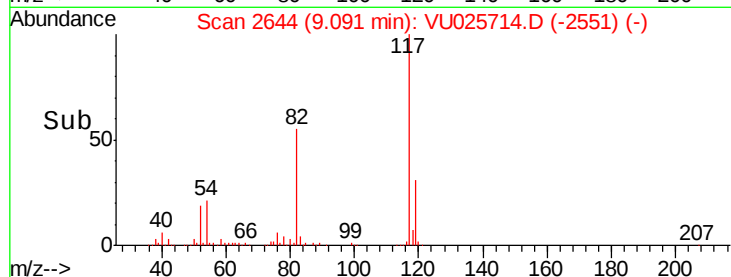
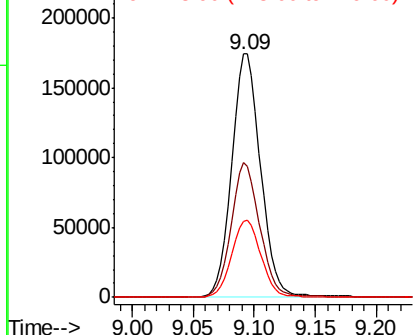
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025714.D
Acq: 30 Jul 2018 10:58

Instrument :
MSVOA_U
ClientSampleId :
VU0730WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	46.0	69.0
119	31.2	26.0	39.0

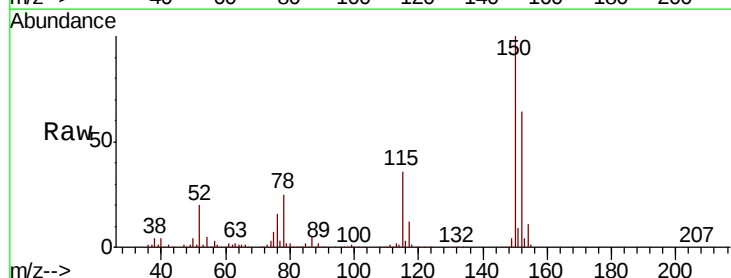


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025714.D
Acq: 30 Jul 2018 10:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	40.1	120.3
150	155.4	0.0	351.4



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

