

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029036.D
 Acq On : 04 Jan 2019 18:42
 Operator : MD/SY
 Sample : K1055-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4

Quant Time: Jan 05 04:29:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

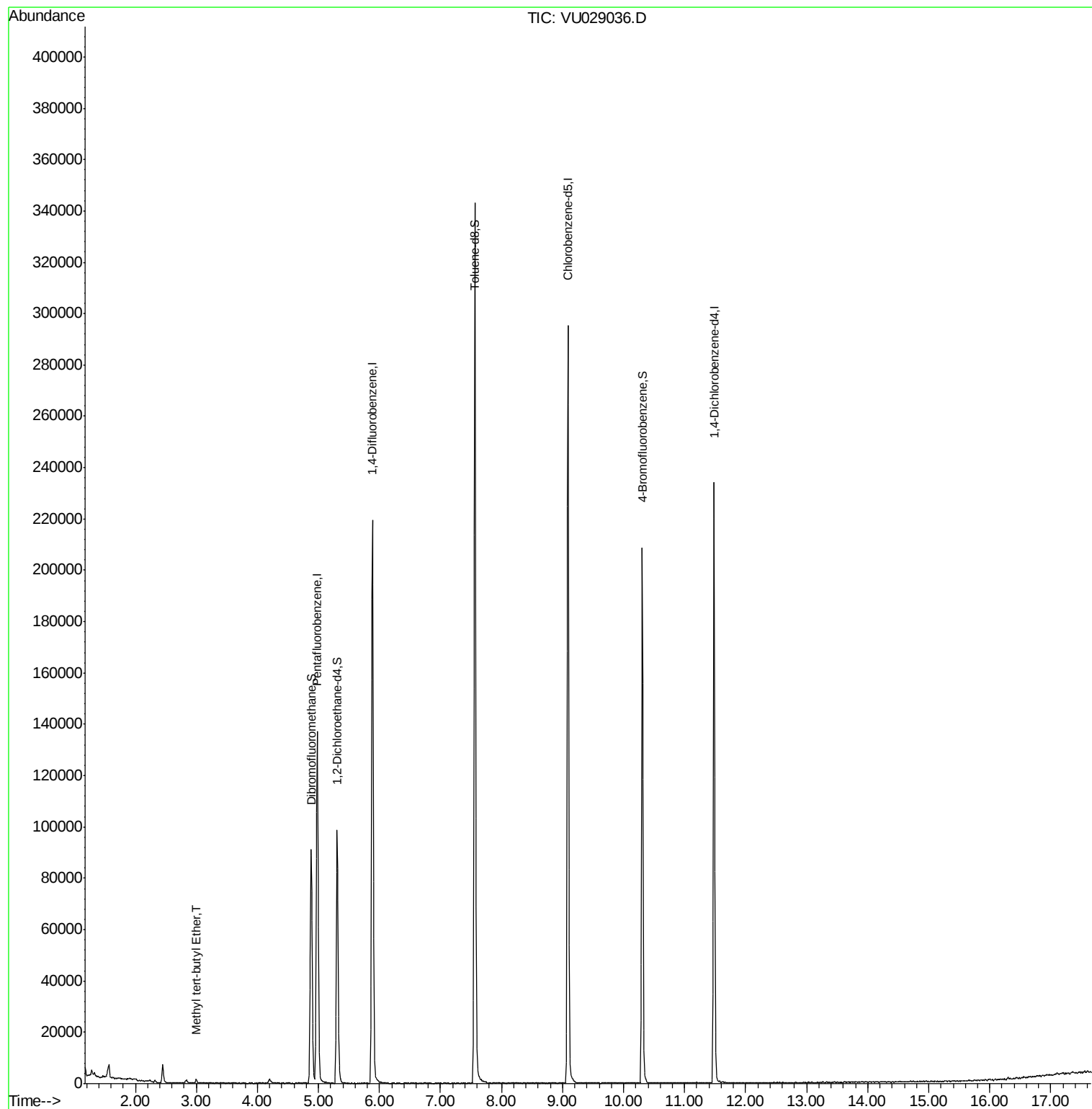
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	112274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	189846	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	170329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	64184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	74800	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
35) Dibromofluoromethane	4.88	113	64640	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
50) Toluene-d8	7.56	98	239768	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	10.30	95	72148	41.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.64%	
Target Compounds						
19) Methyl tert-butyl Ether	2.99	73	1586	0.387	ug/l #	81

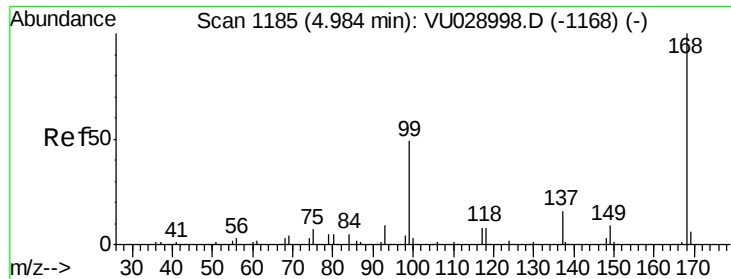
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029036.D

Acq: 04 Jan 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

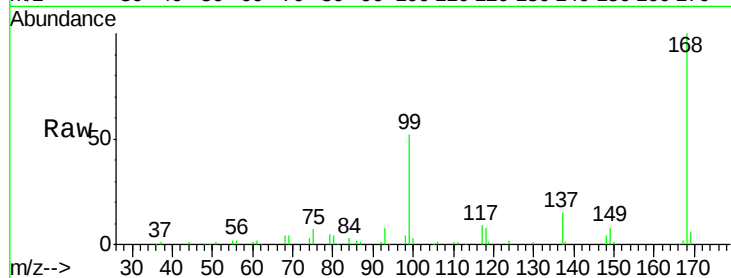
MW-4

Tot Ion:168 Resp: 112274

Ion Ratio Lower Upper

168 100

99 52.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

50000

40000

30000

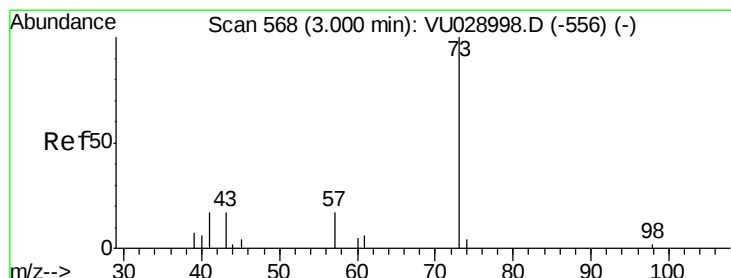
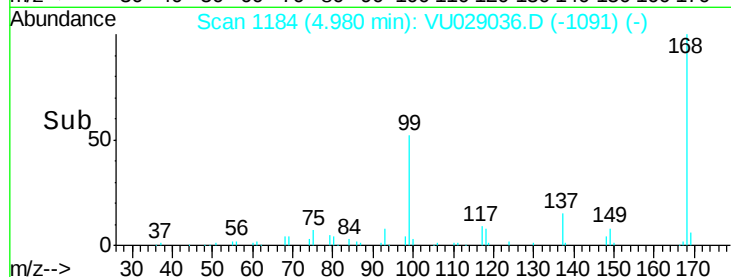
20000

10000

0

4.90 5.00 5.10

Time-->



#19

Methyl tert-butyl Ether

Concen: 0.387 ug/l

RT: 2.99 min Scan# 566

Delta R.T. -0.01 min

Lab File: VU029036.D

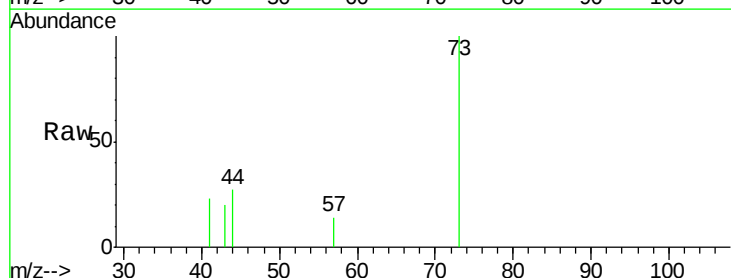
Acq: 04 Jan 2019 18:42

Tgt Ion: 73 Resp: 1586

Ion Ratio Lower Upper

73 100

57 13.9 18.6 28.0#



Abundance Ion 73.00 (72.70 to 73.70): VU028998.D (-556) (-)

Ion 57.00 (56.70 to 57.70): VU028998.D (-556) (-)

2.99

1000

800

600

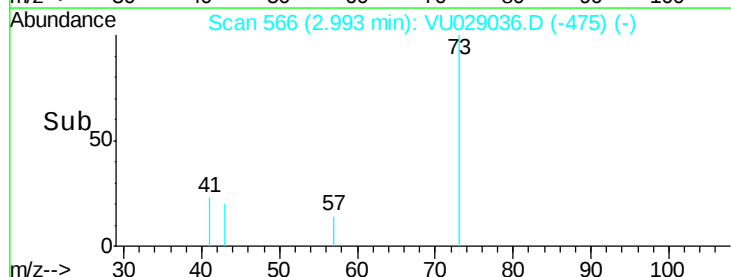
400

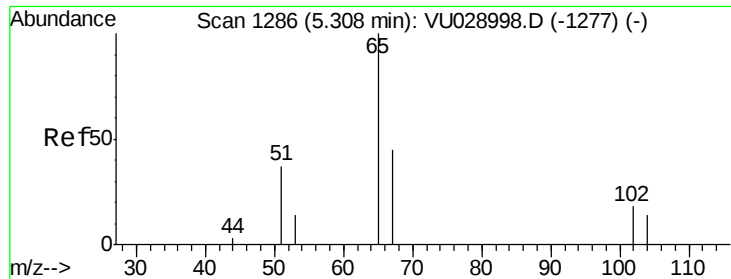
200

0

2.95 3.00 3.05

Time-->

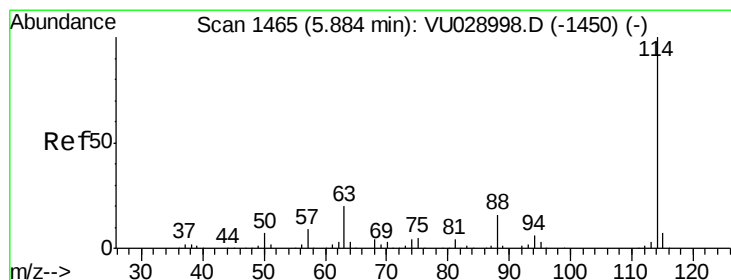
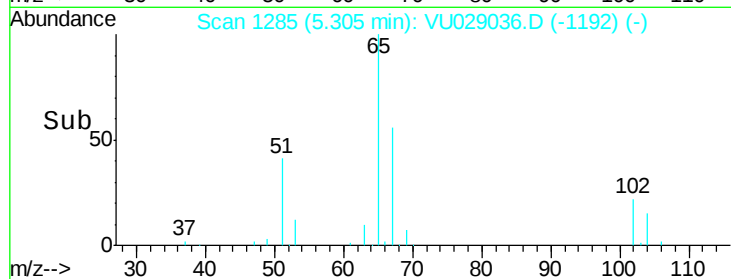
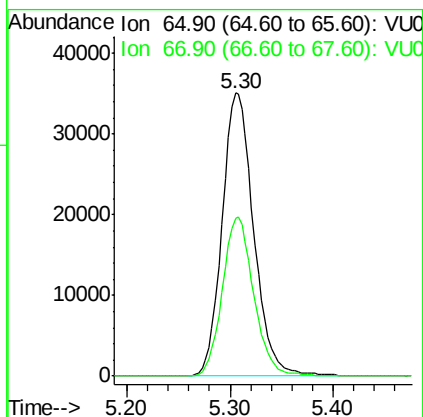
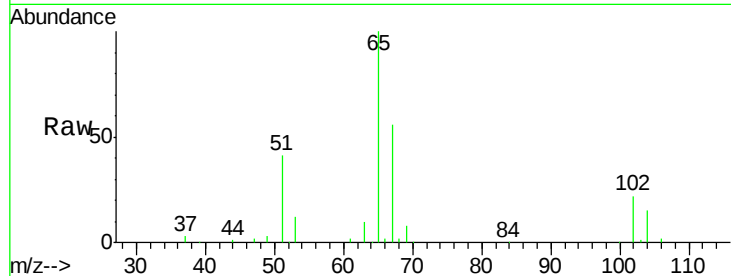




#33
 1,2-Dichloroethane-d4
 Concen: 53.893 ug/l
 RT: 5.30 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029036.D
 Acq: 04 Jan 2019 18:42

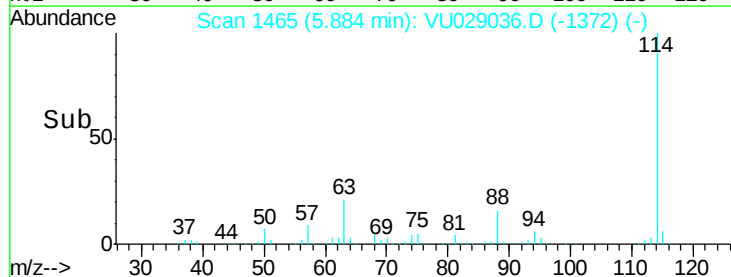
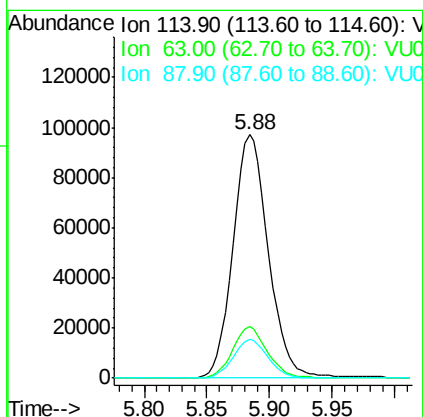
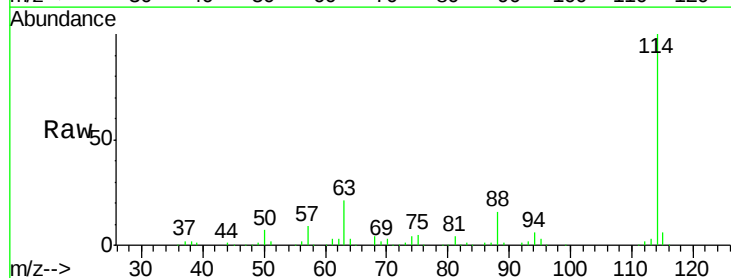
Instrument :
 MSVOA_U
 ClientSampled :
 MW-4

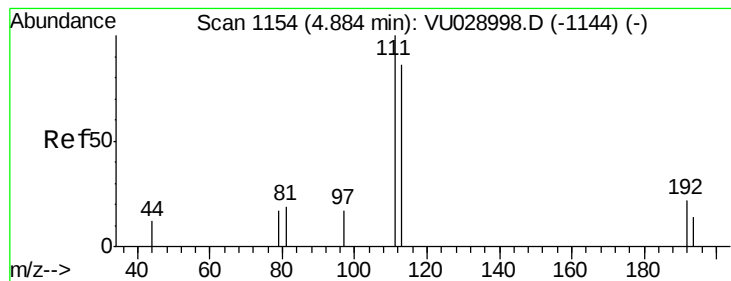
Tot Ion: 65 Resp: 74800
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029036.D
 Acq: 04 Jan 2019 18:42

Tgt Ion: 114 Resp: 189846
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.2
 88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.526 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029036.D

Acq: 04 Jan 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

MW-4

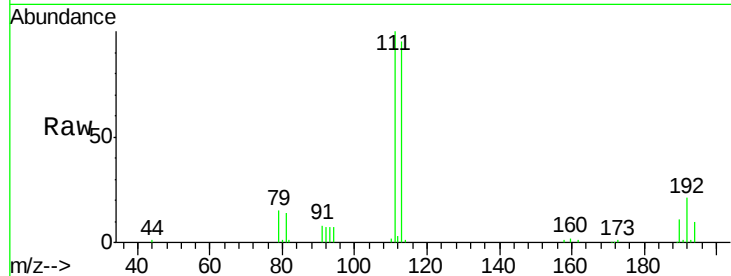
Tot Ion:113 Resp: 64640

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.2

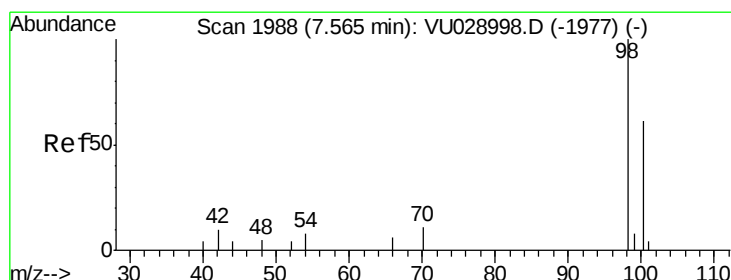
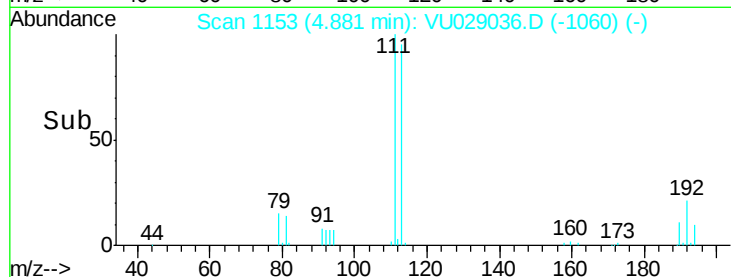
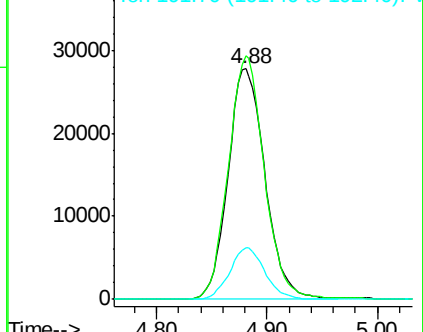
192 21.1 16.8 25.2



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: 49.351 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029036.D

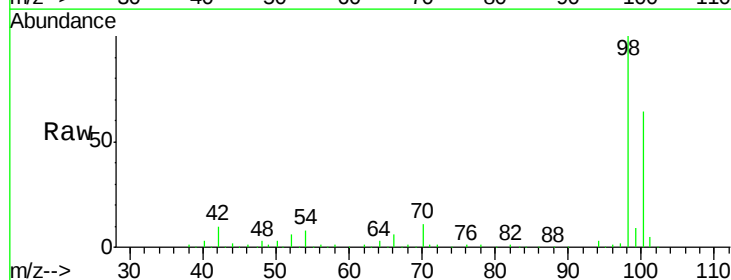
Acq: 04 Jan 2019 18:42

Tgt Ion: 98 Resp: 239768

Ion Ratio Lower Upper

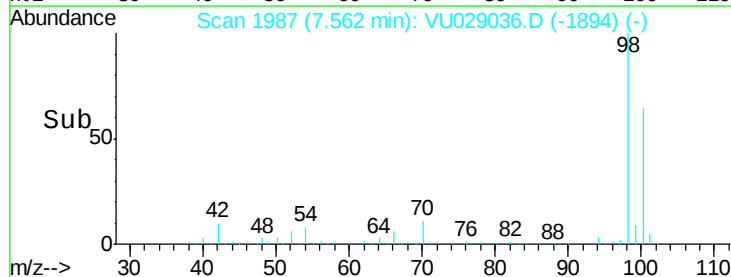
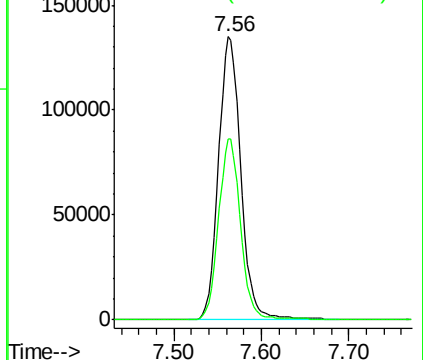
98 100

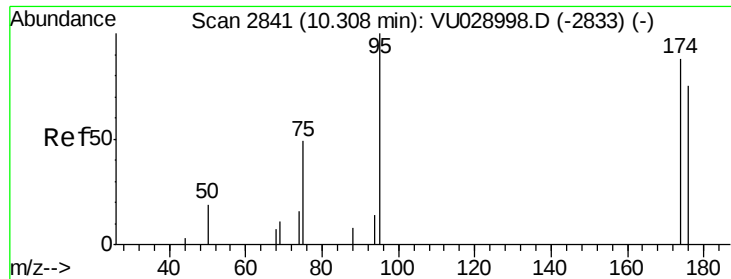
100 63.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

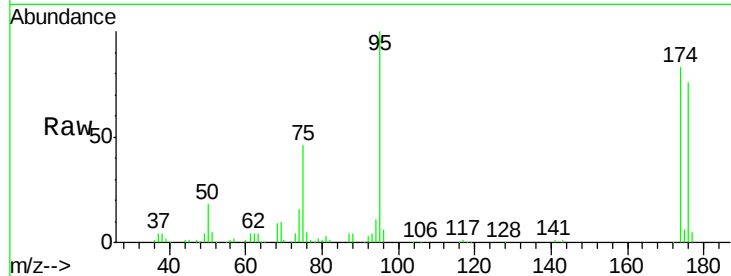




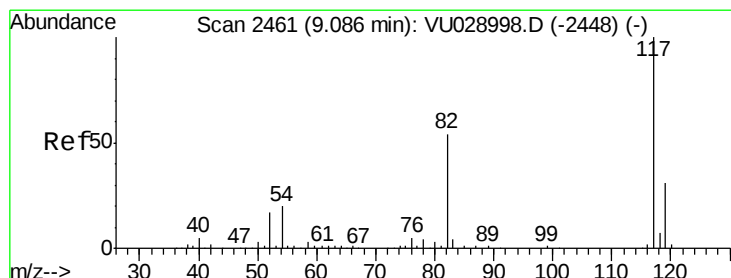
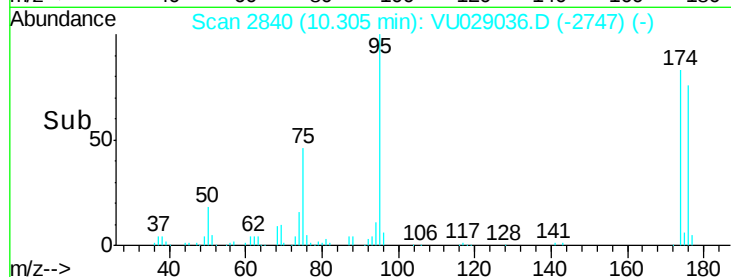
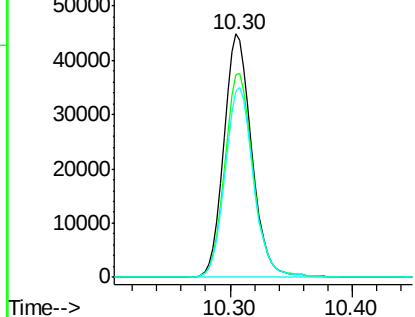
#62
4-Bromofluorobenzene
Concen: 41.321 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029036.D
Acq: 04 Jan 2019 18:42

Instrument :
MSVOA_U
ClientSampleId :
MW-4

Tot Ion: 95 Resp: 72148
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.6
176 80.0 0.0 165.0

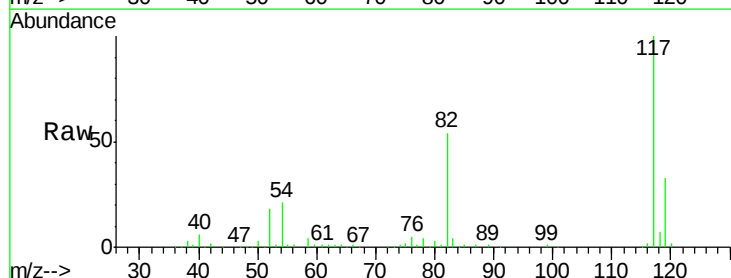


Abundance Ion 94.90 (94.60 to 95.60): VU028998.D (-2833) (-)
Ion 173.80 (173.50 to 174.50): VU028998.D (-2833) (-)
Ion 175.80 (175.50 to 176.50): VU028998.D (-2833) (-)

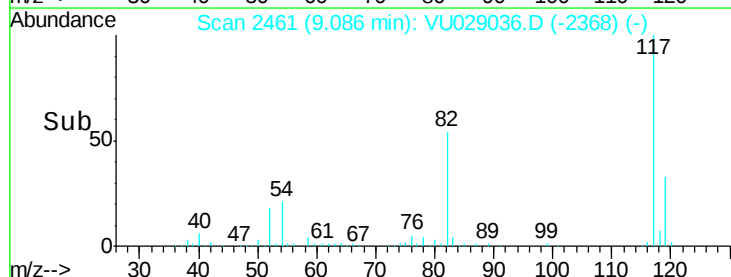
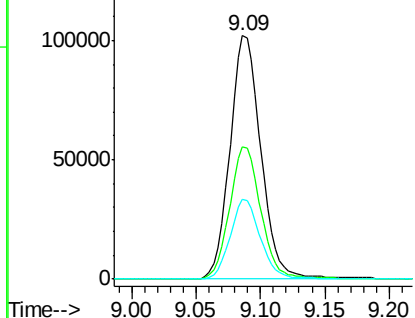


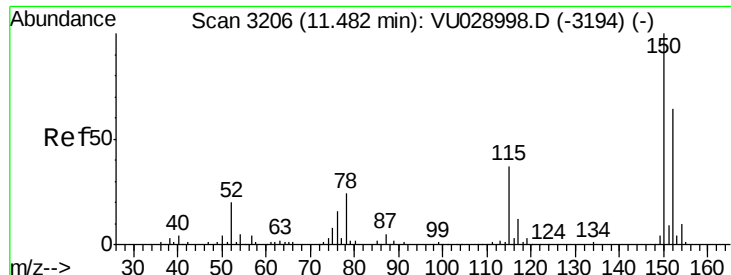
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029036.D
Acq: 04 Jan 2019 18:42

Tgt Ion: 117 Resp: 170329
Ion Ratio Lower Upper
117 100
82 54.1 43.9 65.9
119 32.6 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): VU028998.D (-2448) (-)
Ion 82.00 (81.70 to 82.70): VU028998.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): VU028998.D (-2448) (-)

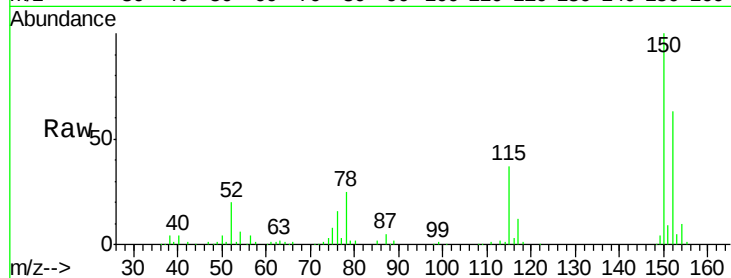




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU029036.D
 Acq: 04 Jan 2019 18:42

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4

Tot Ion:152 Resp: 64184
 Ion Ratio Lower Upper
 152 100
 115 57.1 40.1 120.3
 150 156.9 0.0 345.2



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

