

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029023.D
 Acq On : 04 Jan 2019 13:26
 Operator : MD/SY
 Sample : VU0105WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBL01

Quant Time: Jan 05 04:02:41 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	112136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	190712	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	170753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	65186	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	72766	52.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.98%	
35) Dibromofluoromethane	4.88	113	65515	52.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.98%	
50) Toluene-d8	7.56	98	236686	48.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	10.30	95	71295	40.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.30%	

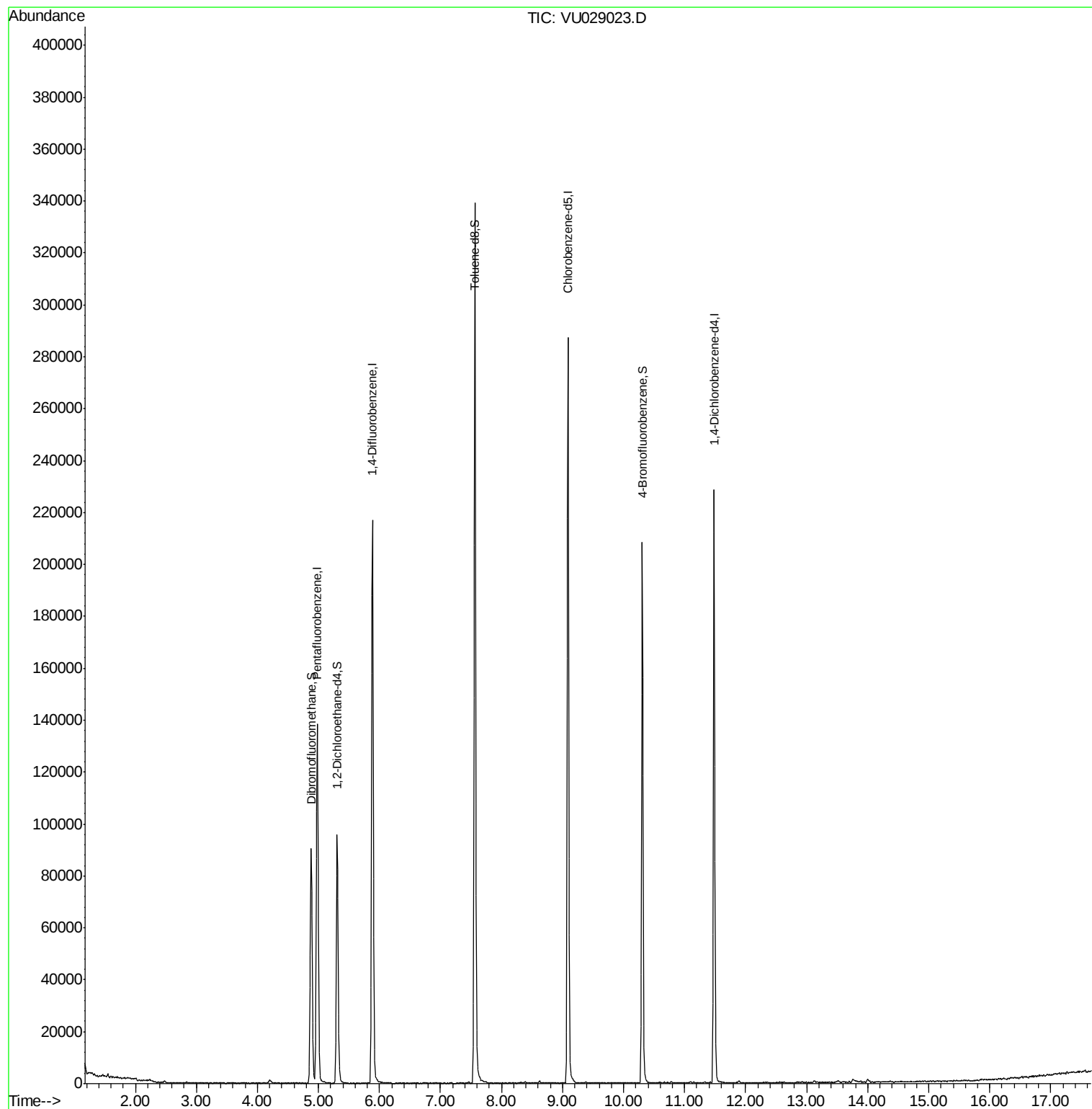
Target Compounds	Qvalue

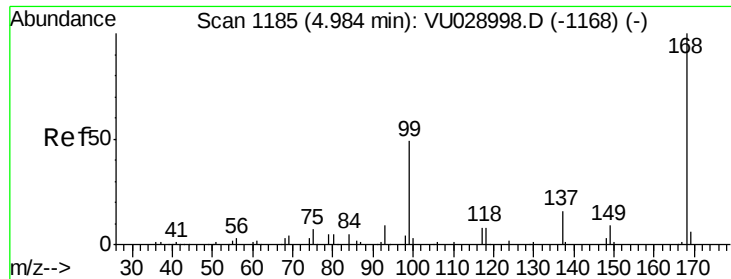
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029023.D

Acq: 04 Jan 2019 13:26

Instrument :

MSVOA_U

ClientSampleId :

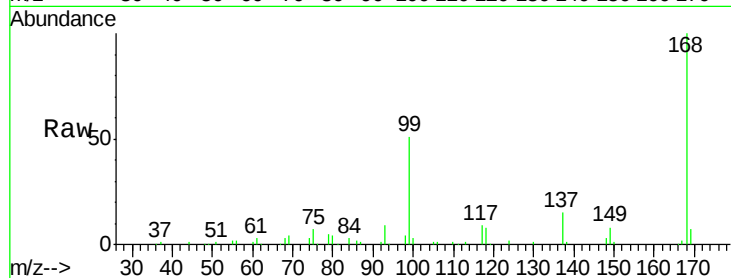
VU0105WBL01

Tot Ion:168 Resp: 112136

Ion Ratio Lower Upper

168 100

99 51.5 42.0 63.0

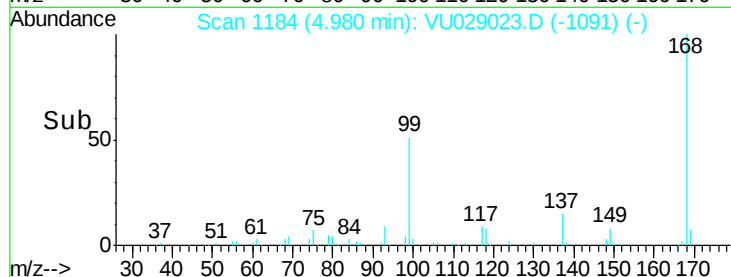


Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

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

4.98

Time-->



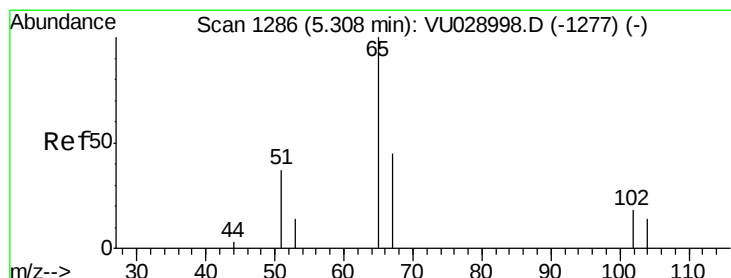
Abundance

Ion 167.90 (167.60 to 168.60): VU029023.D (-1091) (-)

Ion 98.90 (98.60 to 99.60): VU029023.D (-1091) (-)

4.98

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.492 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029023.D

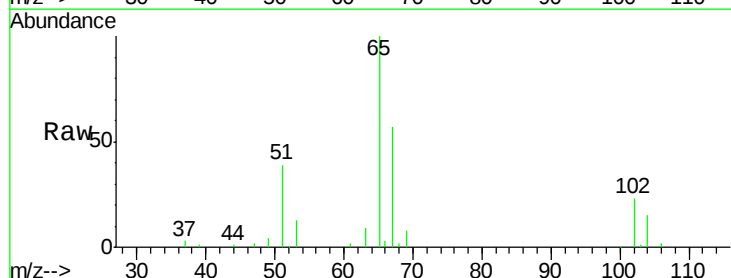
Acq: 04 Jan 2019 13:26

Tgt Ion: 65 Resp: 72766

Ion Ratio Lower Upper

65 100

67 56.5 0.0 111.0

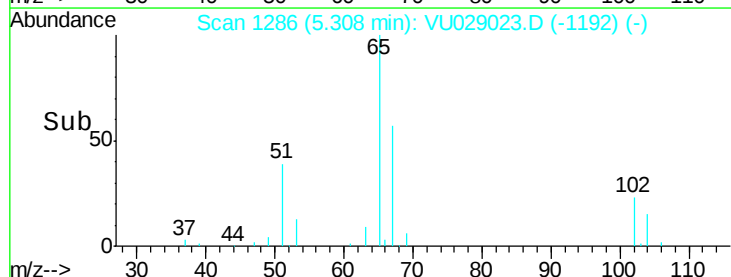


Abundance Ion 64.90 (64.60 to 65.60): VU028998.D (-1277) (-)

Ion 66.90 (66.60 to 67.60): VU028998.D (-1277) (-)

5.31

Time-->



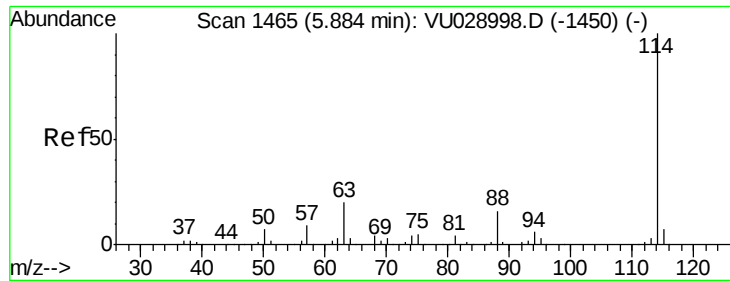
Abundance

Ion 64.90 (64.60 to 65.60): VU029023.D (-1192) (-)

Ion 66.90 (66.60 to 67.60): VU029023.D (-1192) (-)

5.31

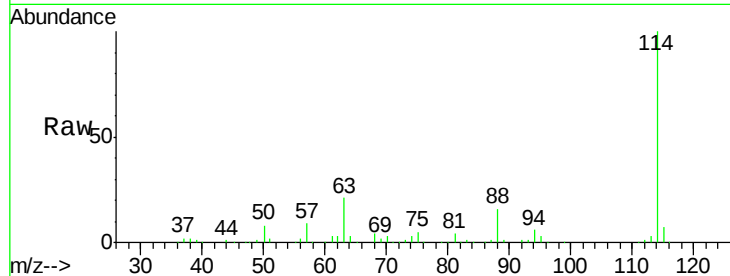
Time-->



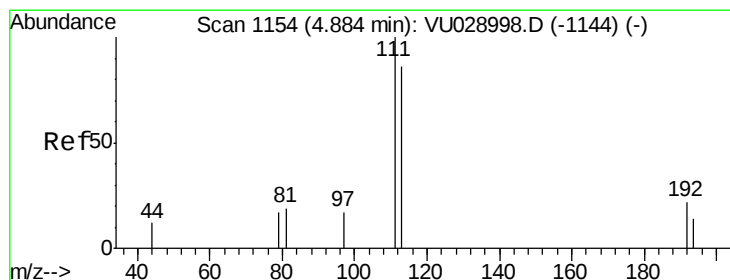
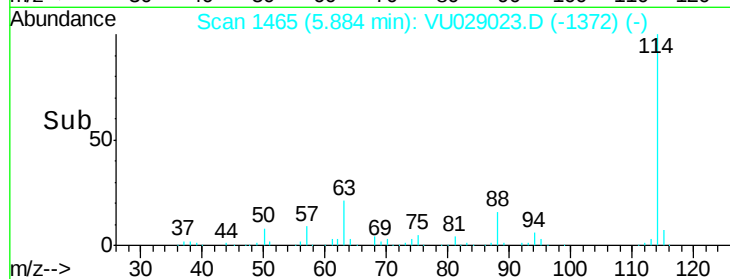
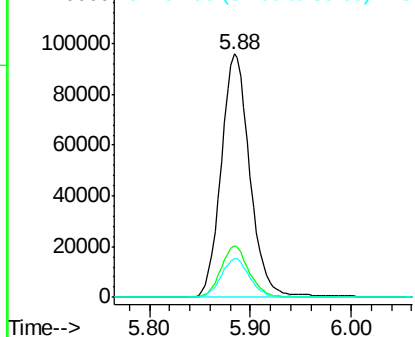
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029023.D
 Acq: 04 Jan 2019 13:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0105WBL01

Tot Ion:114 Resp: 190712
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.2
 88 15.9 0.0 30.4

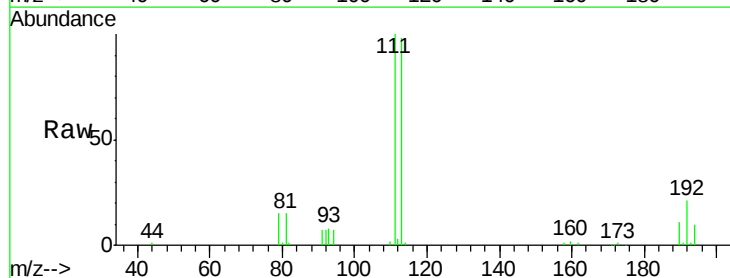


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

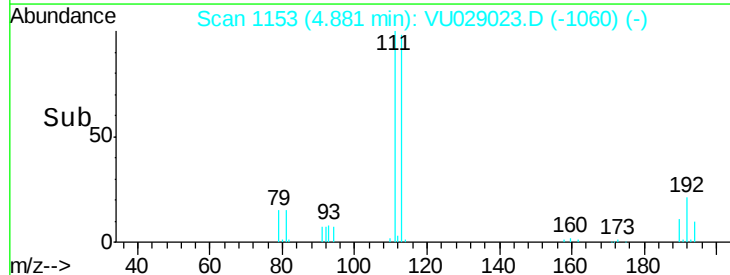
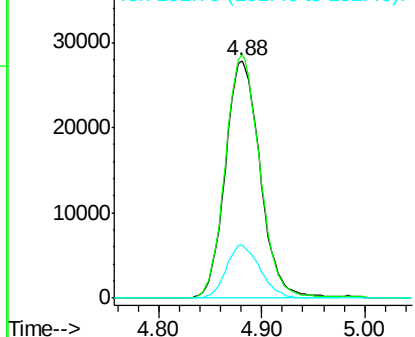


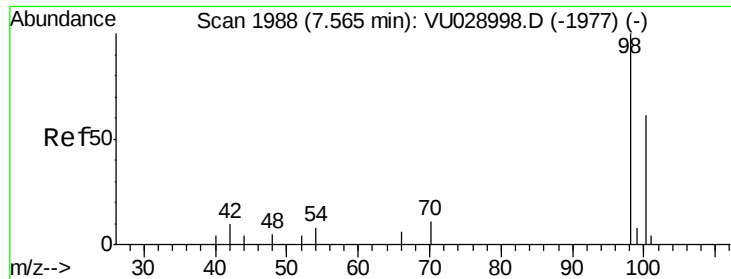
#35
 Dibromofluoromethane
 Concen: 52.995 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029023.D
 Acq: 04 Jan 2019 13:26

Tgt Ion:113 Resp: 65515
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.2
 192 21.5 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

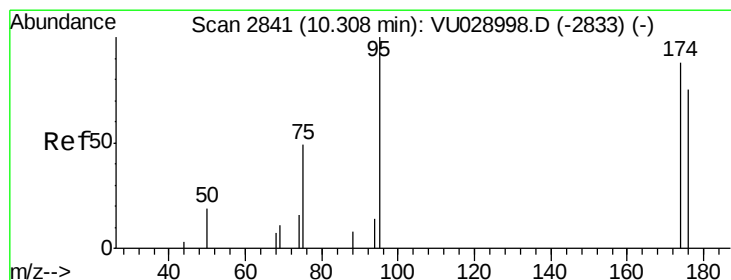
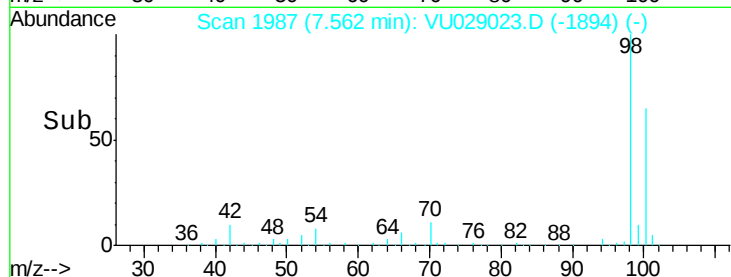
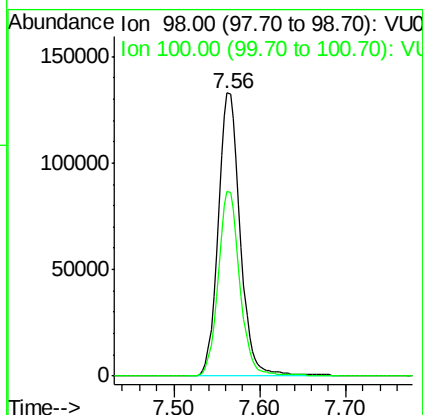
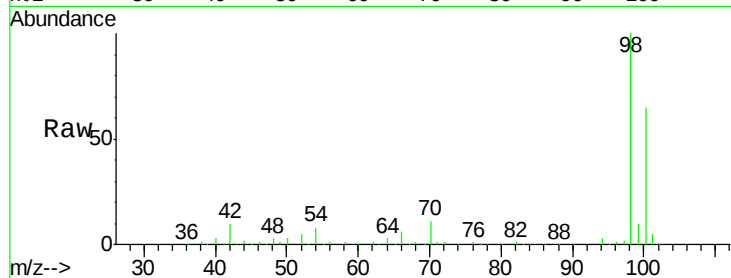




#50
Toluene-d8
Concen: 48.496 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029023.D
Acq: 04 Jan 2019 13:26

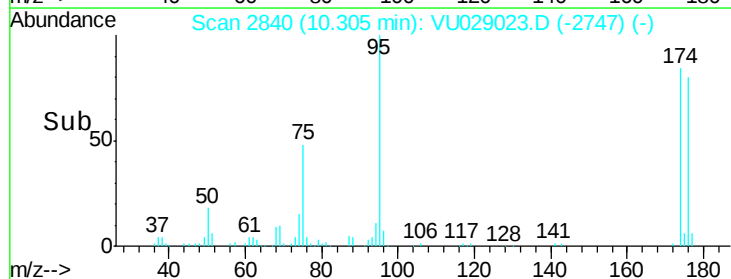
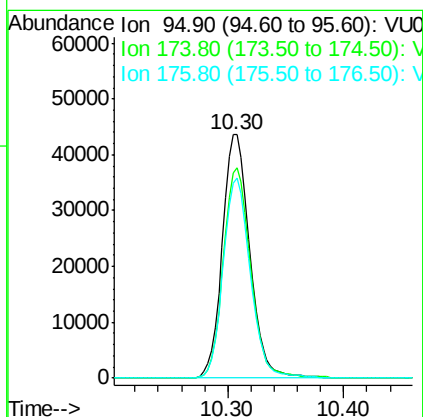
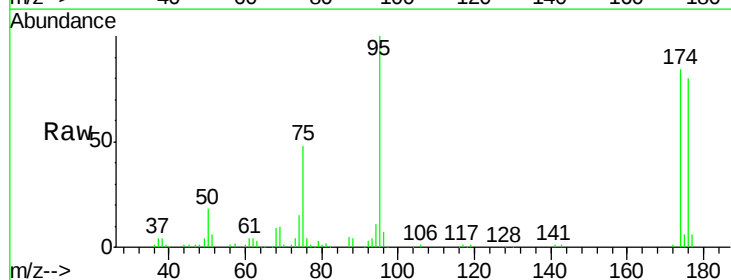
Instrument :
MSVOA_U
ClientSampleId :
VU0105WBL01

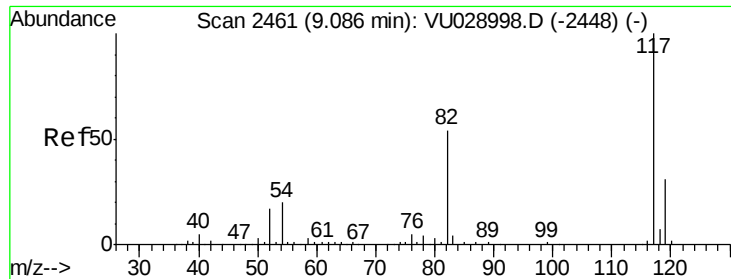
Tot Ion: 98 Resp: 236686
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 40.647 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029023.D
Acq: 04 Jan 2019 13:26

Tgt Ion: 95 Resp: 71295
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.6
176 81.4 0.0 165.0

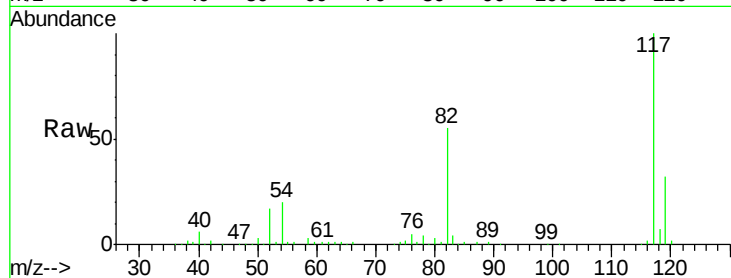




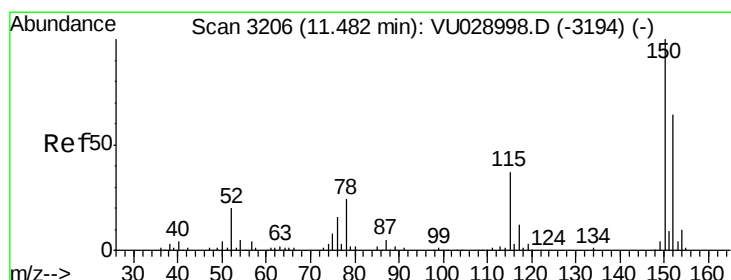
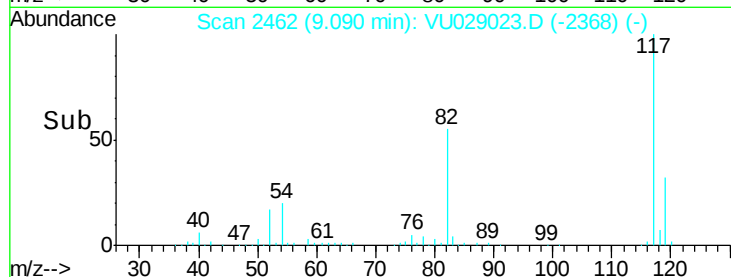
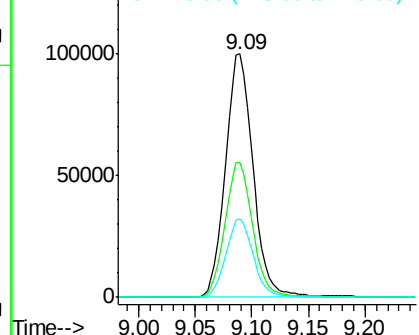
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029023.D
Acq: 04 Jan 2019 13:26

Instrument :
MSVOA_U
ClientSampleId :
VU0105WBL01

Tot Ion:117 Resp: 170753
Ion Ratio Lower Upper
117 100
82 55.2 43.9 65.9
119 32.3 26.0 39.0

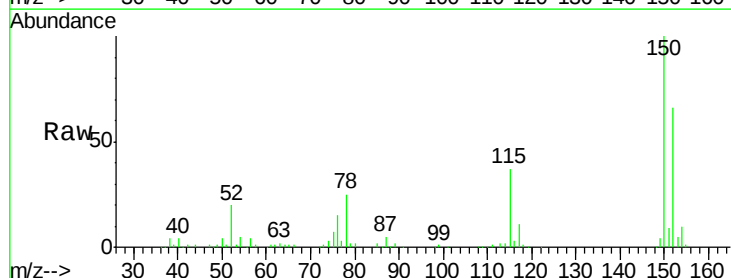


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029023.D
Acq: 04 Jan 2019 13:26

Tgt Ion:152 Resp: 65186
Ion Ratio Lower Upper
152 100
115 55.0 40.1 120.3
150 151.3 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

