

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120618\
 Data File : VU028500.D
 Acq On : 06 Dec 2018 15:03
 Operator : MD/SY
 Sample : J6259-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TB02-20181204

Quant Time: Dec 07 06:28:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	204548	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	188824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82865	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	89045	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
35) Dibromofluoromethane	4.88	113	66778	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	7.57	98	266659	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	10.30	95	93215	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

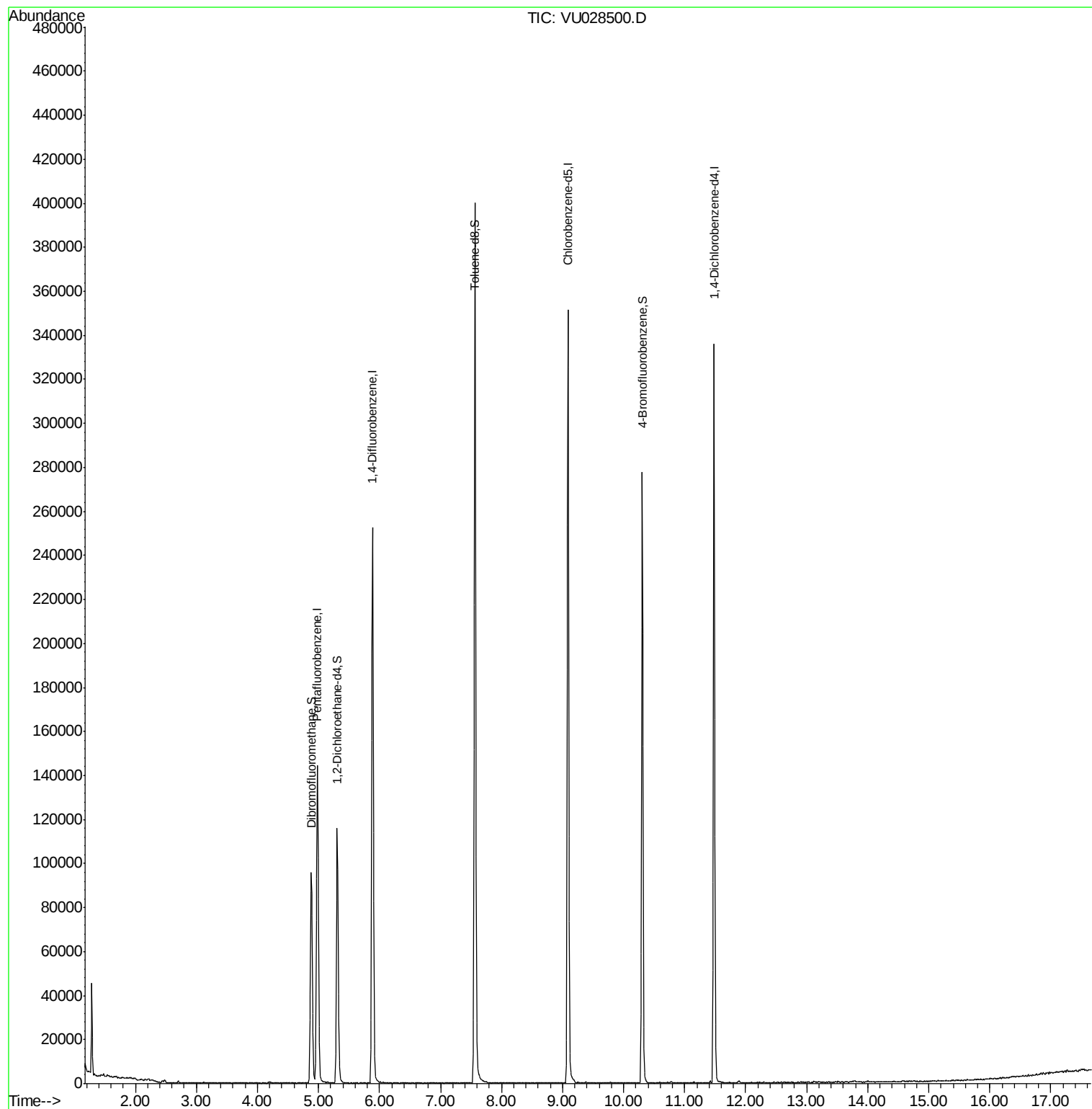
Target Compounds	Qvalue
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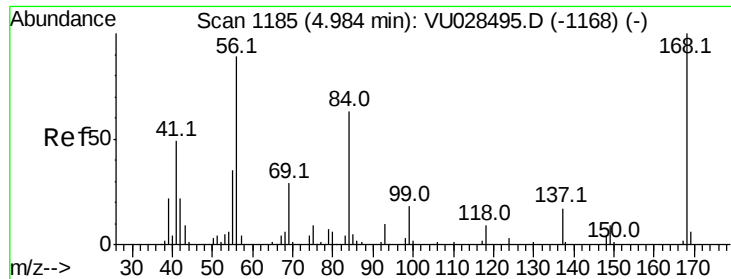
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028500.D

Acq: 06 Dec 2018 15:03

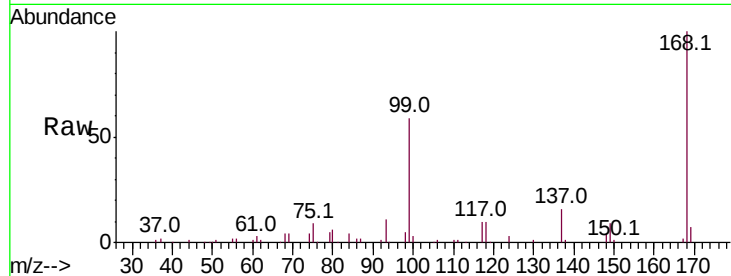
Instrument :
MSVOA_U
ClientSampleId :
BP-TB02-20181204

Tot Ion:168 Resp: 107464

Ion Ratio Lower Upper

168 100

99 58.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

50000

40000

30000

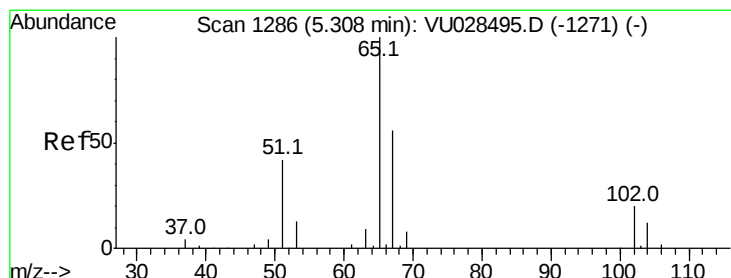
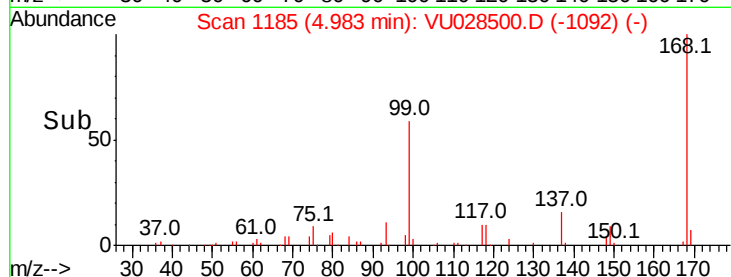
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.297 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028500.D

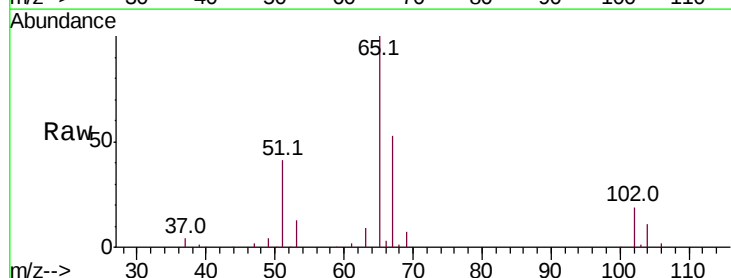
Acq: 06 Dec 2018 15:03

Tgt Ion: 65 Resp: 89045

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

50000

40000

30000

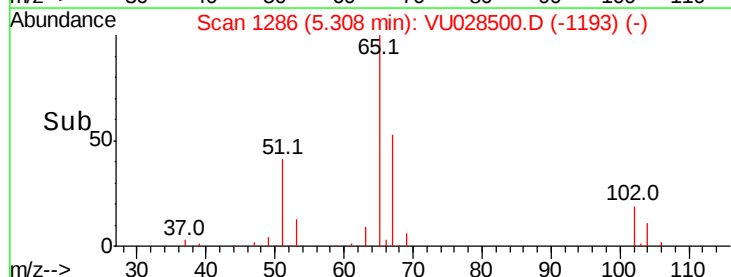
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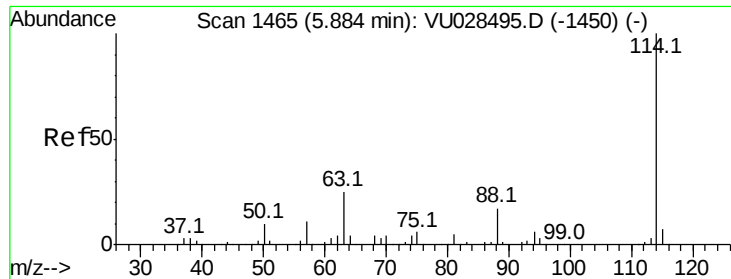
10000

0

5.25 5.30 5.35 5.40

Time-->

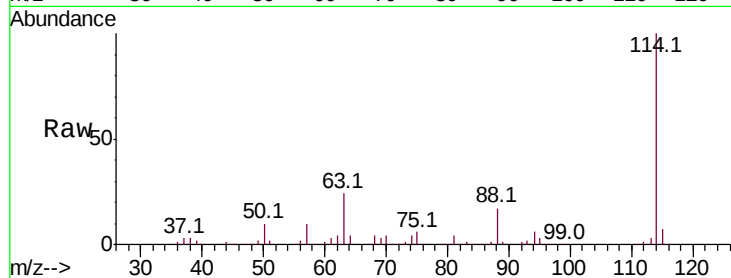




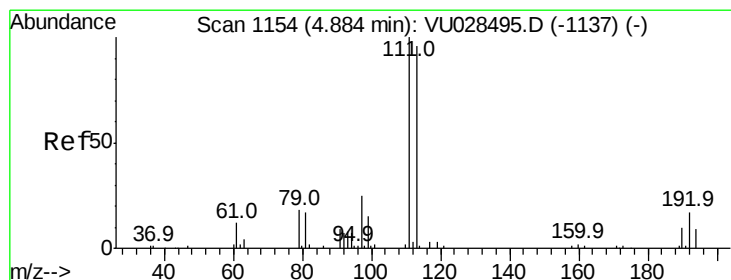
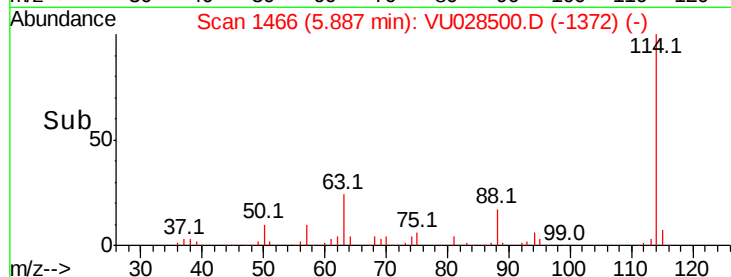
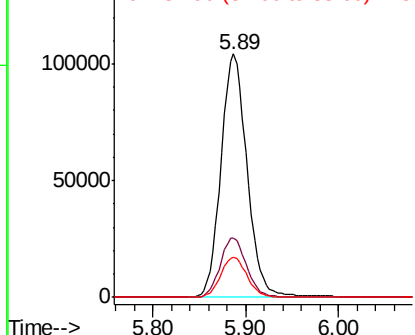
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028500.D
 Acq: 06 Dec 2018 15:03

Instrument :
 MSVOA_U
 ClientSampleId :
 BP-TB02-20181204

Tot Ion:	114	Resp:	204548
Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.2
88	16.5	0.0	33.4

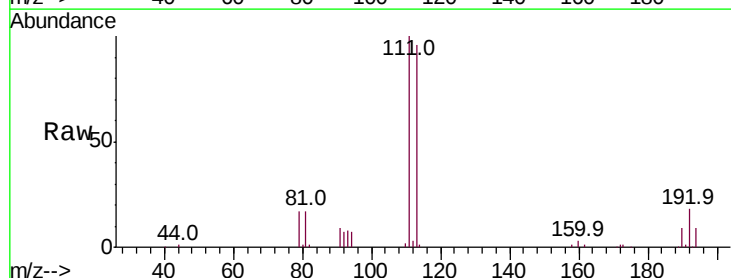


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

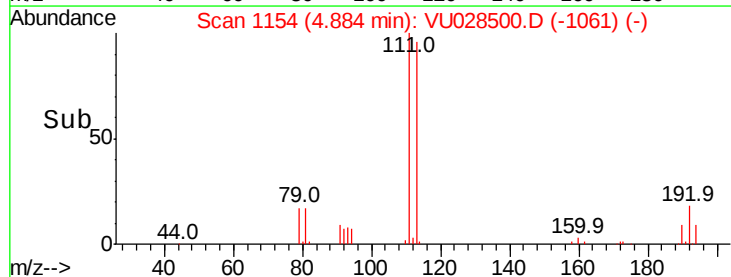
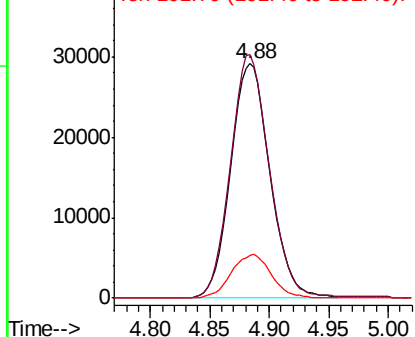


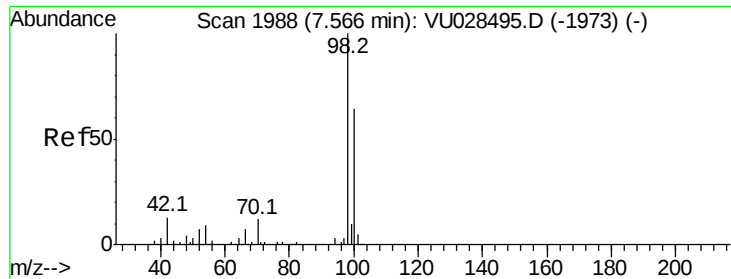
#35
 Dibromofluoromethane
 Concen: 51.877 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028500.D
 Acq: 06 Dec 2018 15:03

Tgt Ion:	113	Resp:	66778
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.0
192	18.9	14.8	22.2



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

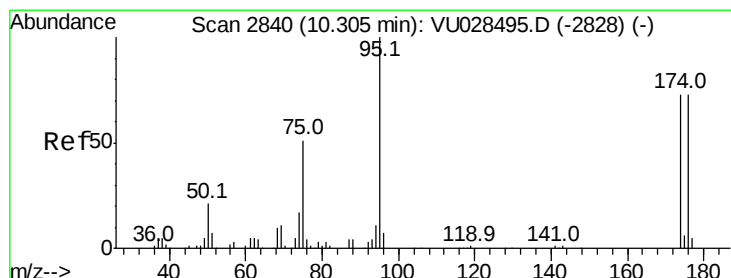
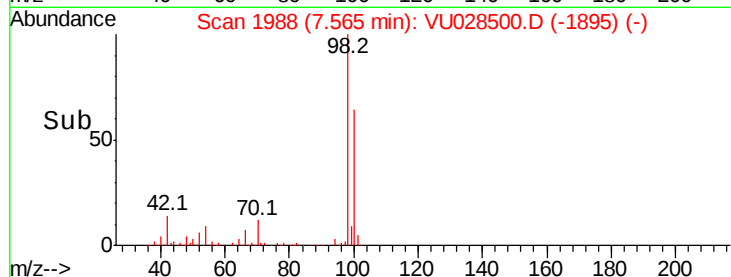
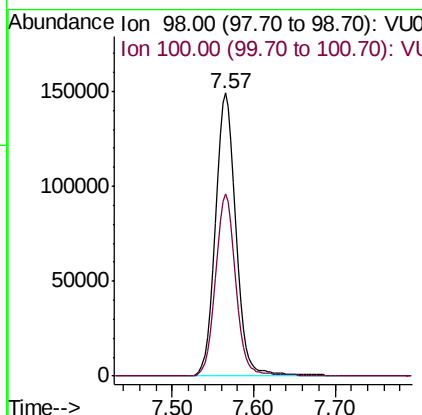
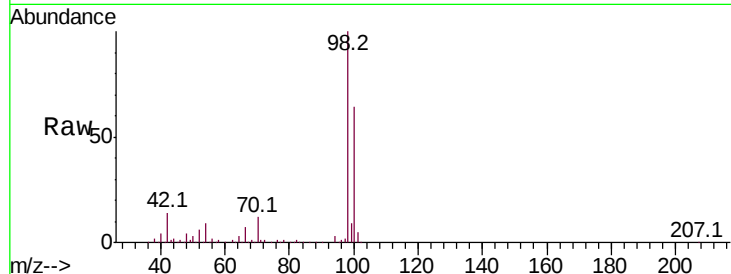




#50
Toluene-d8
Concen: 52.367 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028500.D
Acq: 06 Dec 2018 15:03

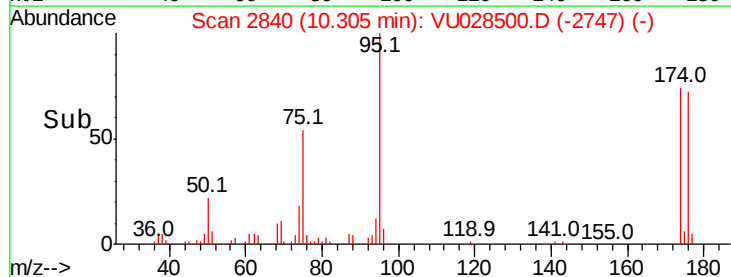
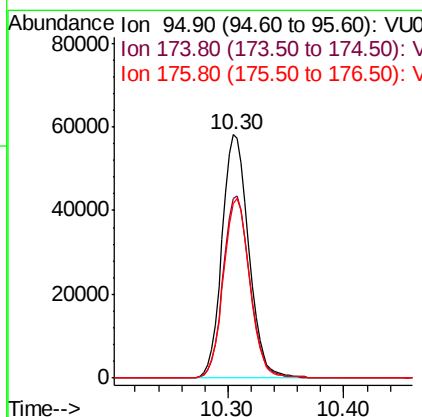
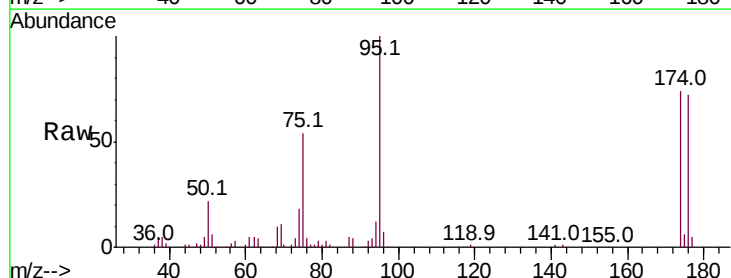
Instrument :
MSVOA_U
ClientSampleId :
BP-TB02-20181204

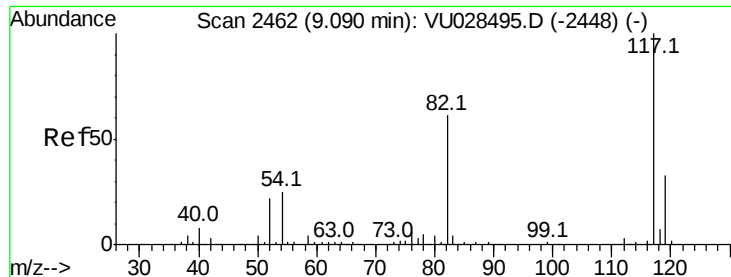
Tot Ion: 98 Resp: 266659
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 48.977 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028500.D
Acq: 06 Dec 2018 15:03

Tgt Ion: 95 Resp: 93215
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.4
176 72.5 0.0 145.2

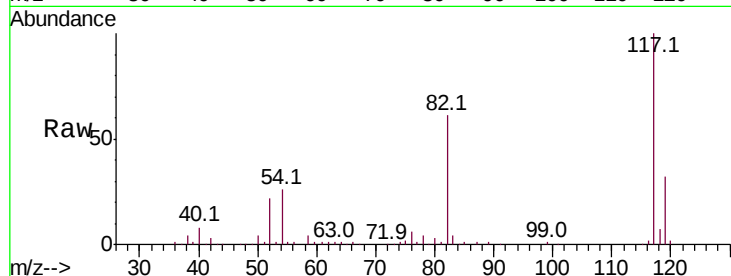




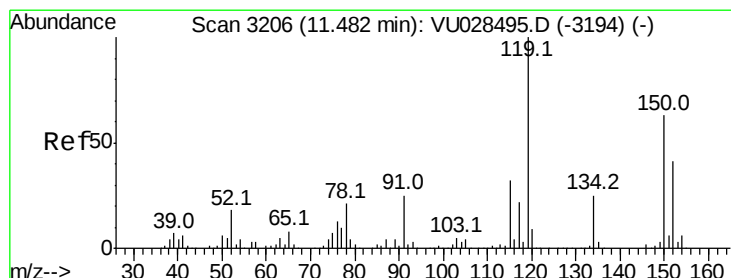
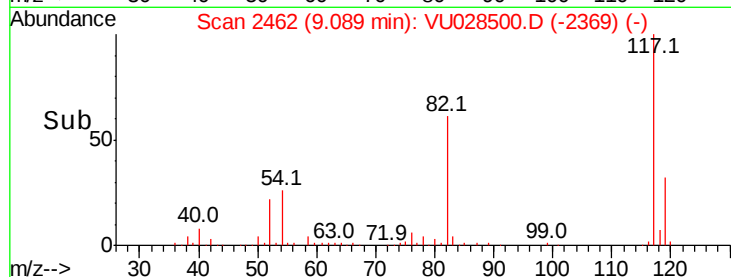
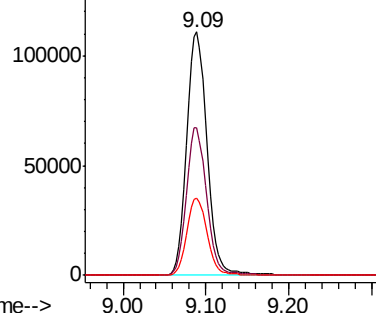
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028500.D
Acq: 06 Dec 2018 15:03

Instrument :
MSVOA_U
ClientSampleId :
BP-TB02-20181204

Tot Ion:117 Resp: 188824
Ion Ratio Lower Upper
117 100
82 60.8 48.9 73.3
119 32.0 26.2 39.4

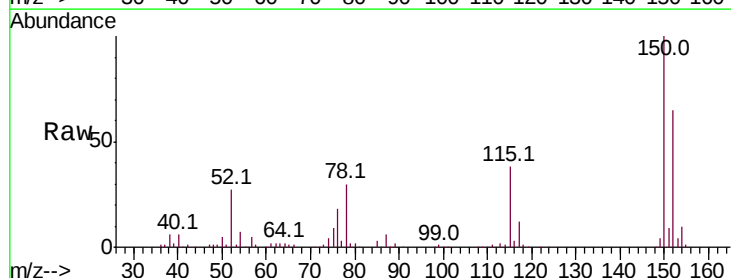


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028500.D
Acq: 06 Dec 2018 15:03

Tgt Ion:152 Resp: 82865
Ion Ratio Lower Upper
152 100
115 60.4 42.7 128.1
150 157.2 0.0 346.0



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

