

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029124.D
 Acq On : 10 Jan 2019 17:54
 Operator : MD/SY
 Sample : K1123-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB

Quant Time: Jan 11 04:04:00 2019
 Quant Method : Z:\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	131846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	225961	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	202743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	81166	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	86911	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
35) Dibromofluoromethane	4.88	113	75328	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	7.56	98	282022	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	10.30	95	89084	42.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.74%	

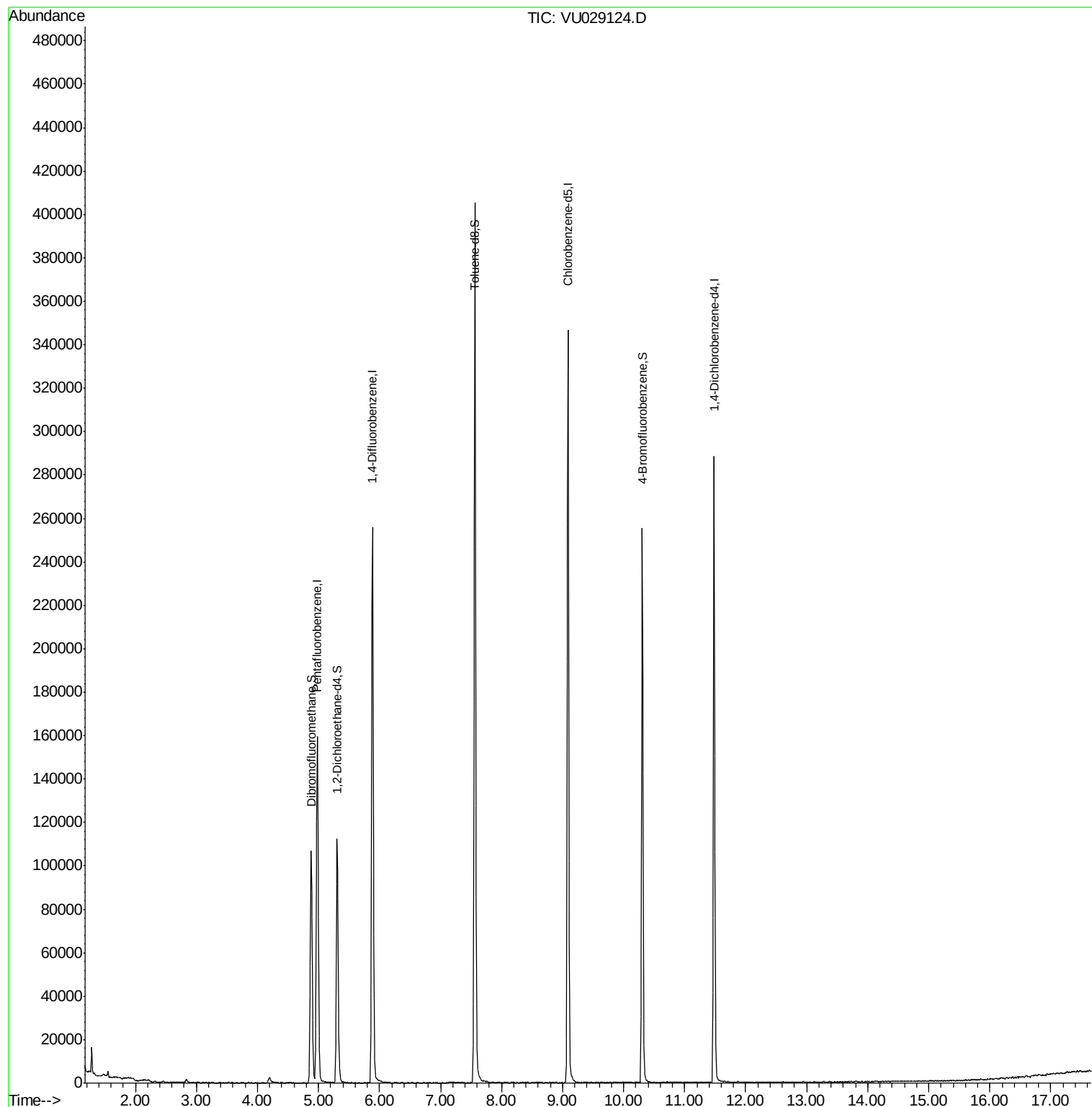
Target Compounds	Qvalue
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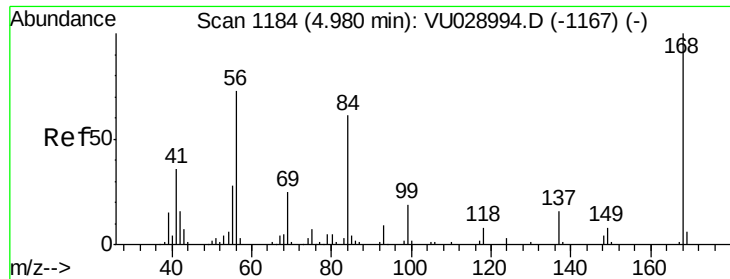
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU029124.D

Acq: 10 Jan 2019 17:54

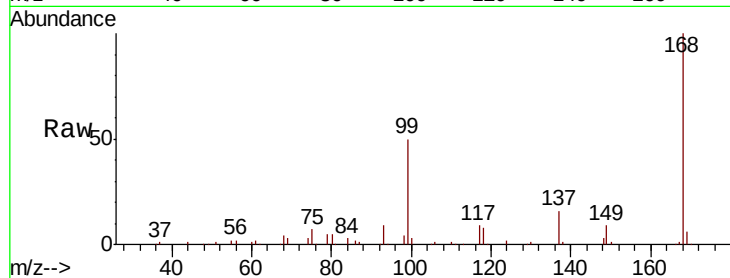
Instrument :
MSVOA_U
ClientSampled :
TB

Tgt Ion: 168 Resp: 131846

Ion Ratio Lower Upper

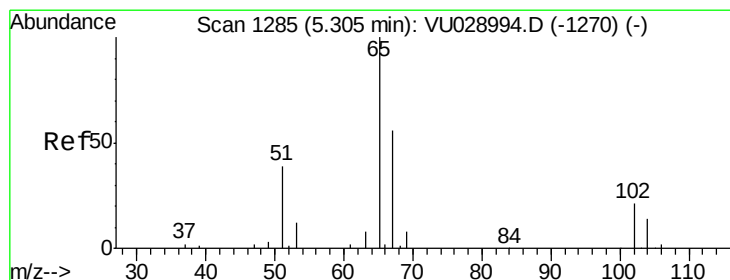
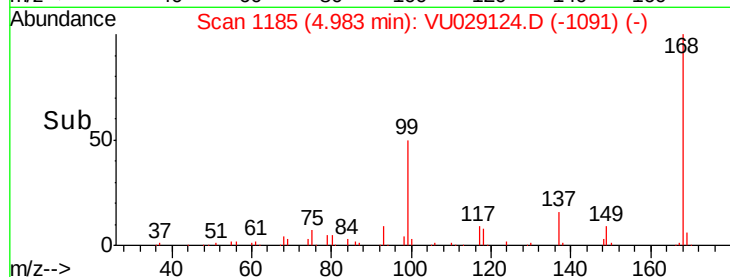
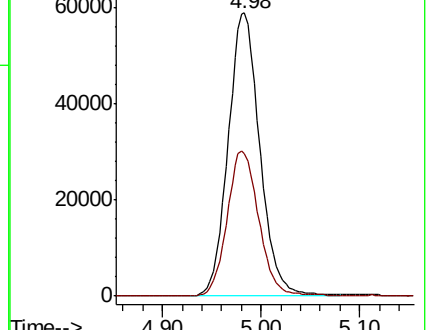
168 100

99 50.3 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU029124.D (-1091) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.324 ug/l

RT: 5.30 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU029124.D

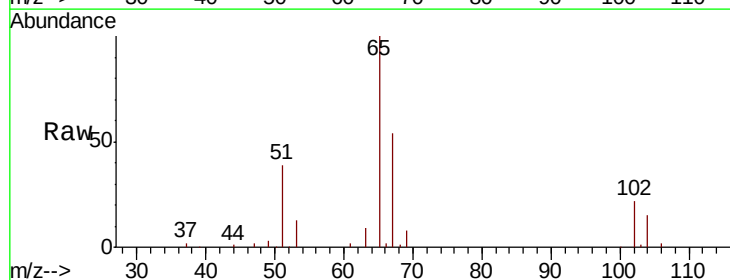
Acq: 10 Jan 2019 17:54

Tgt Ion: 65 Resp: 86911

Ion Ratio Lower Upper

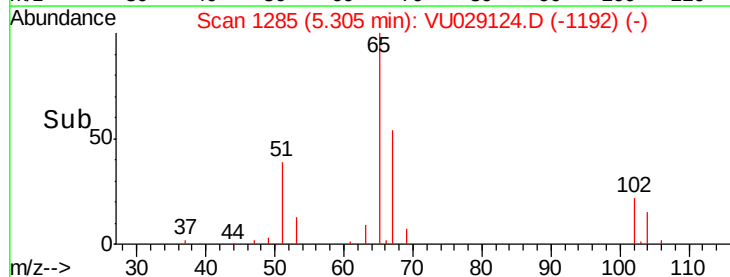
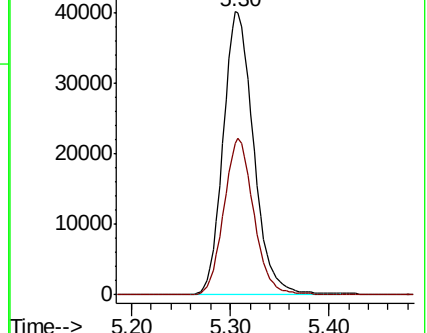
65 100

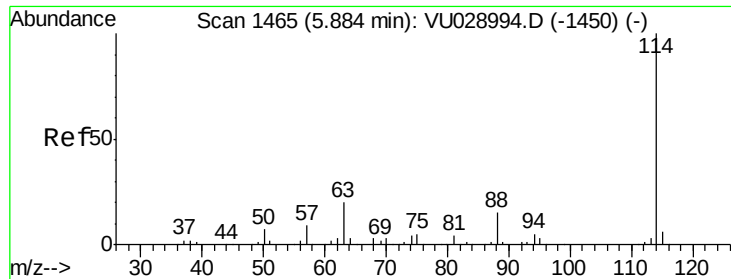
67 54.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028994.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU029124.D (-1192) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU029124.D

Acq: 10 Jan 2019 17:54

Instrument :

MSVOA_U

ClientSampled :

TB

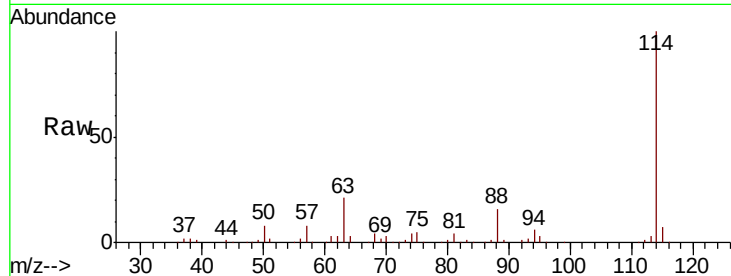
Tgt Ion:114 Resp: 225961

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

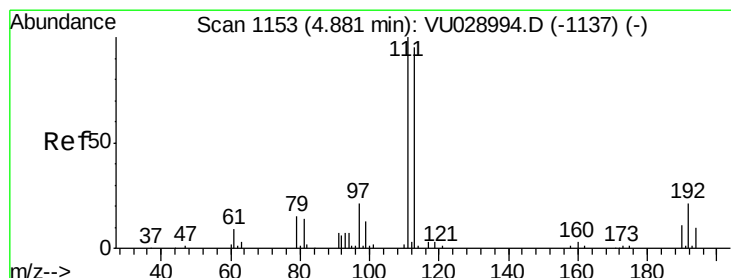
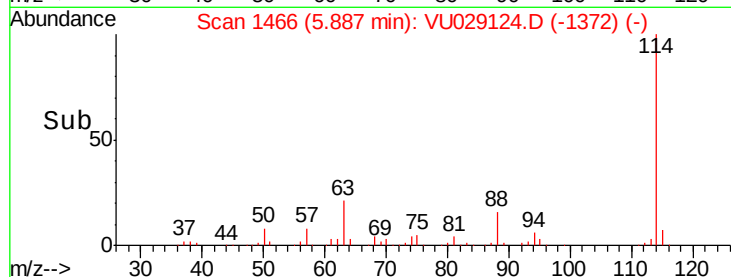
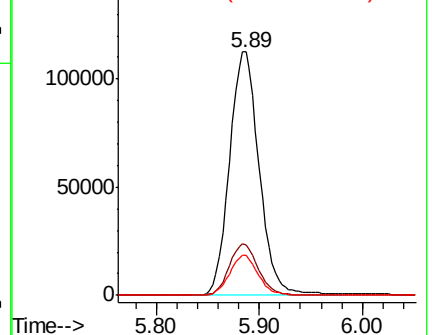
88 16.3 0.0 30.4



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: 51.427 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029124.D

Acq: 10 Jan 2019 17:54

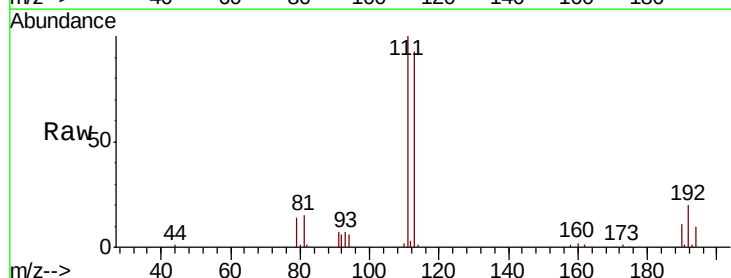
Tgt Ion:113 Resp: 75328

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.2

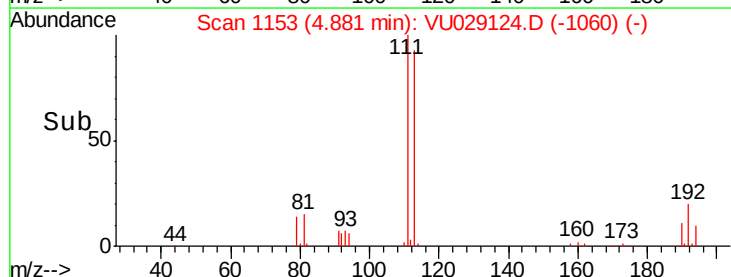
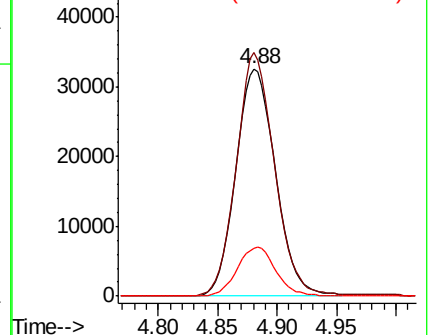
192 20.8 16.8 25.2

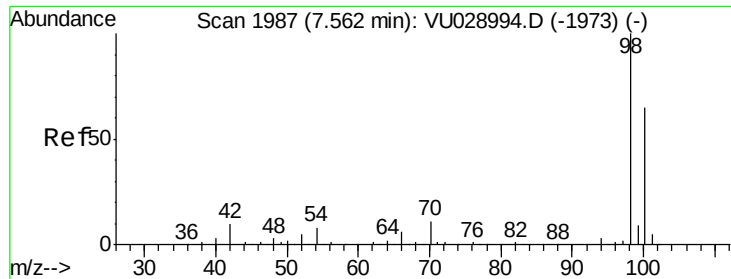


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

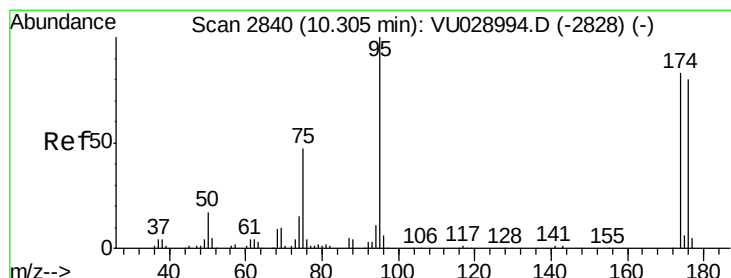
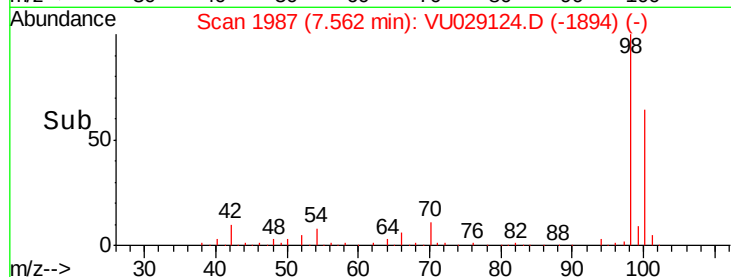
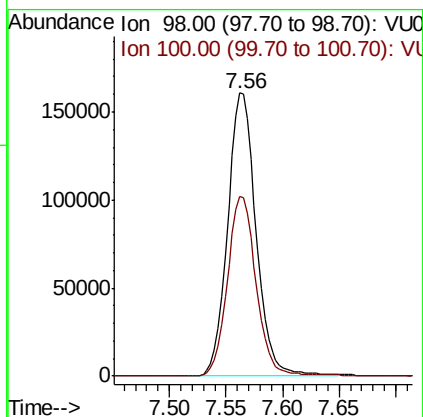
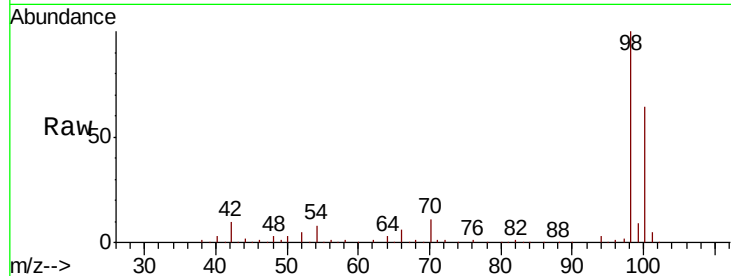




#50
Toluene-d8
Concen: 48.771 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029124.D
Acq: 10 Jan 2019 17:54

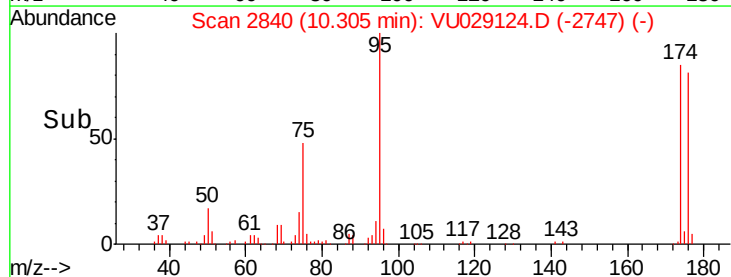
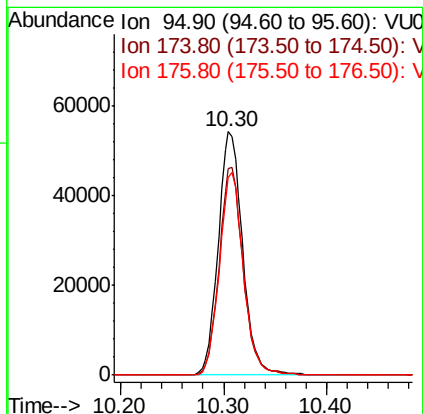
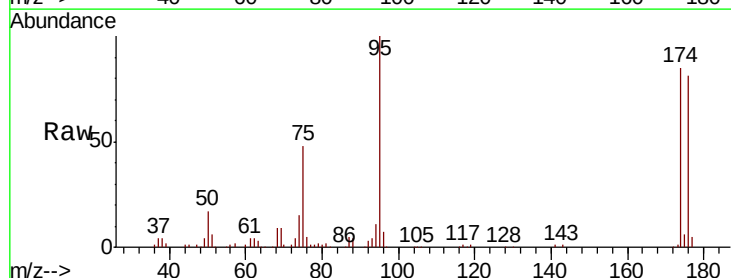
Instrument :
MSVOA_U
ClientSampleId :
TB

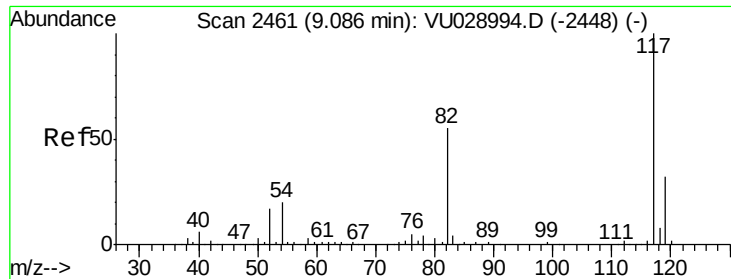
Tgt Ion: 98 Resp: 282022
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.867 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029124.D
Acq: 10 Jan 2019 17:54

Tgt Ion: 95 Resp: 89084
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.6
176 81.9 0.0 165.0

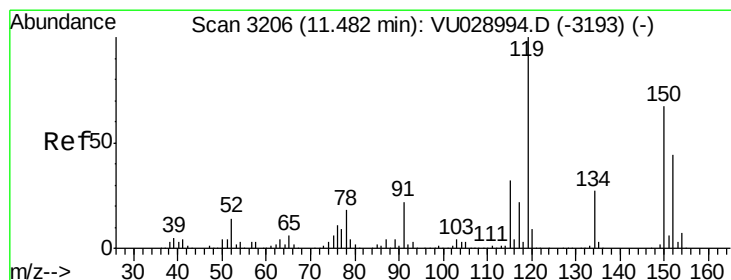
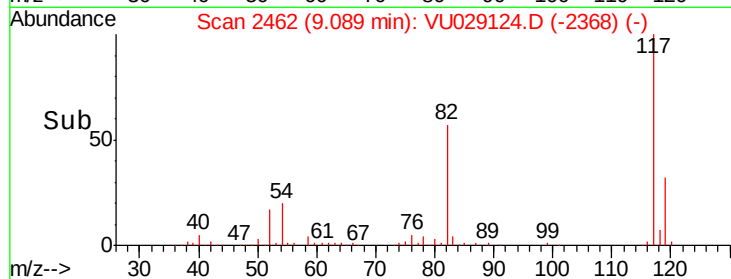
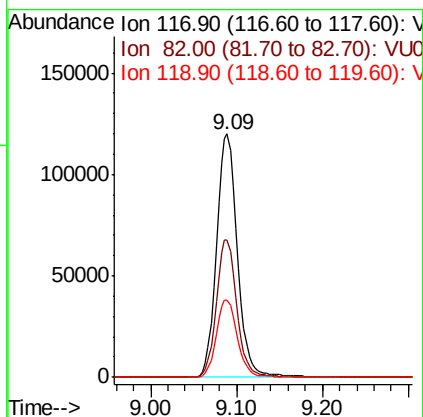
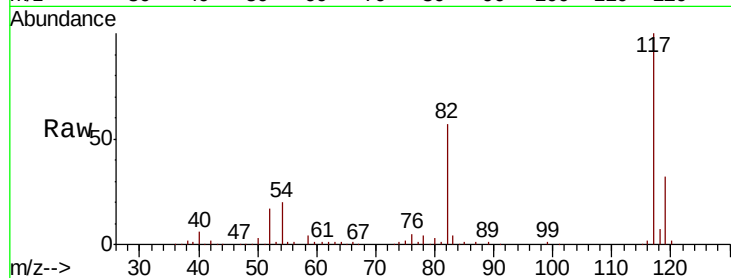




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029124.D
Acq: 10 Jan 2019 17:54

Instrument :
MSVOA_U
ClientSampleId :
TB

Tgt Ion:117 Resp: 202743
Ion Ratio Lower Upper
117 100
82 56.5 43.9 65.9
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029124.D
Acq: 10 Jan 2019 17:54

Tgt Ion:152 Resp: 81166
Ion Ratio Lower Upper
152 100
115 56.9 40.1 120.3
150 155.1 0.0 345.2

