

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028641.D
 Acq On : 12 Dec 2018 10:44
 Operator : MD/SY
 Sample : J6351-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-181210

Quant Time: Dec 13 03:01:06 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

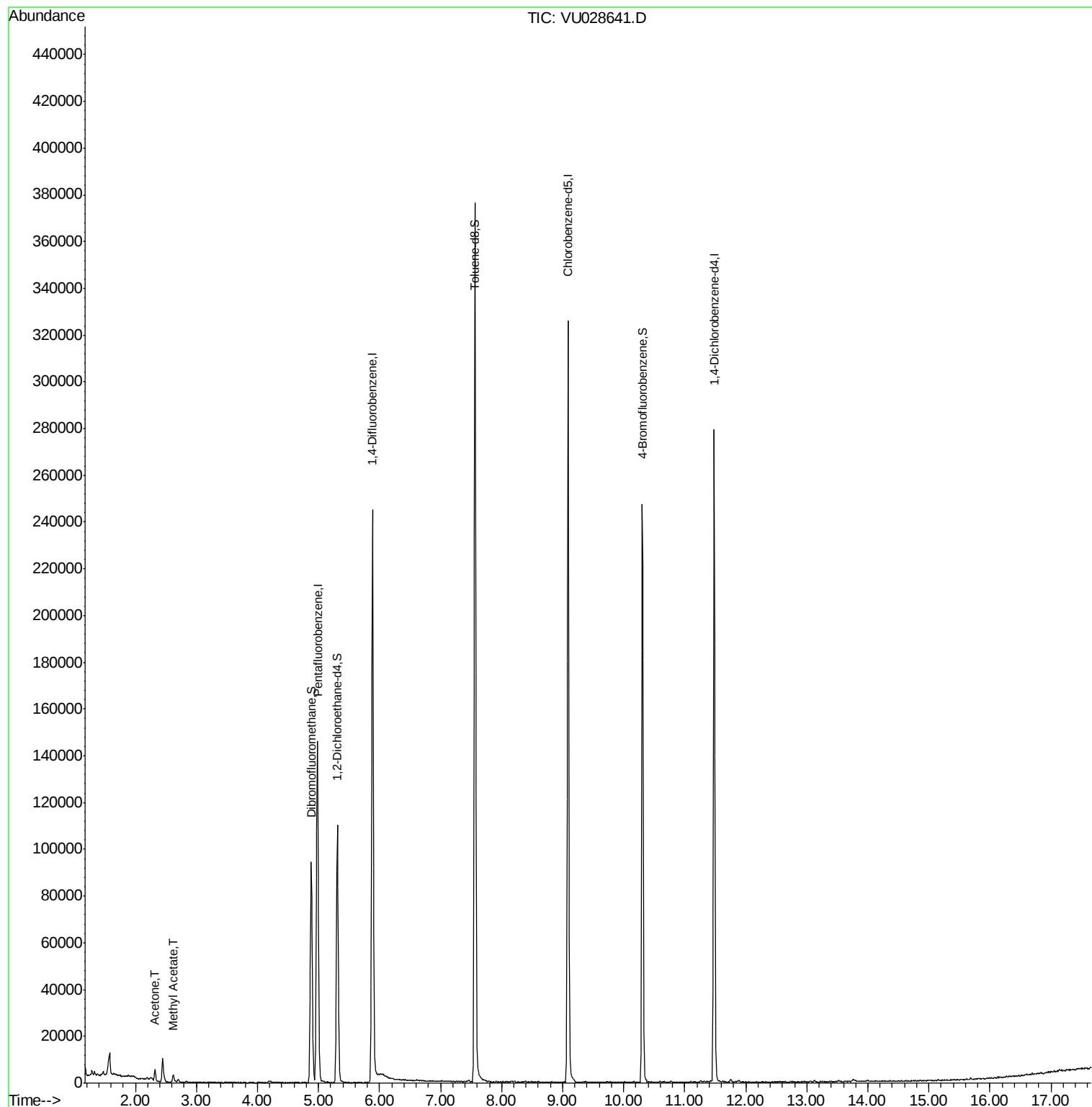
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	111382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	201092	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	177305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	85476	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
35) Dibromofluoromethane	4.88	113	65312	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
50) Toluene-d8	7.57	98	254335	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	10.30	95	83337	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.08%	
Target Compounds						
16) Acetone	2.32	43	5574	5.025	ug/l #	89
18) Methyl Acetate	2.62	43	4755	1.654	ug/l #	88

(#) = 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: VU028641.D

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Instrument :

MSVOA_U

ClientSampleId :

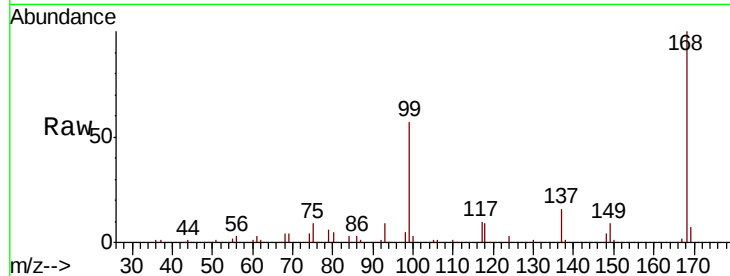
TB-01-181210

Tot Ion:168 Resp: 111382

Ion Ratio Lower Upper

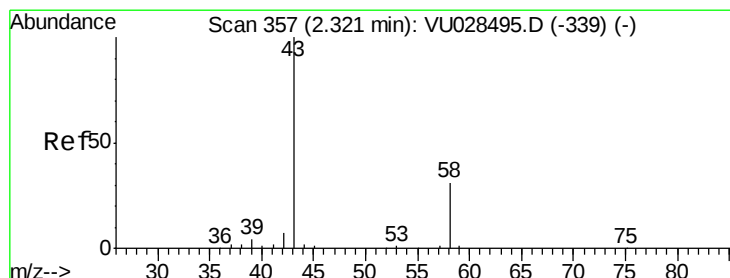
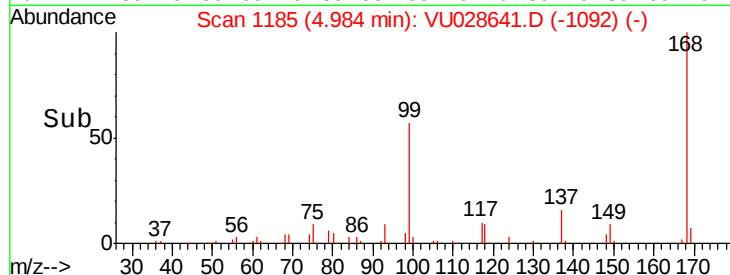
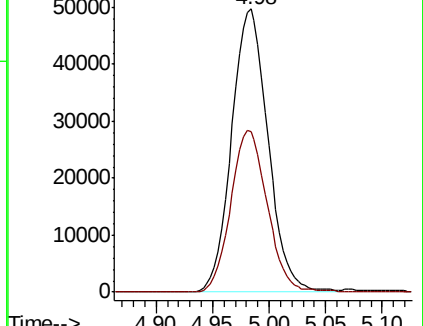
168 100

99 56.9 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) (-)



#16

Acetone

Concen: 5.025 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028641.D

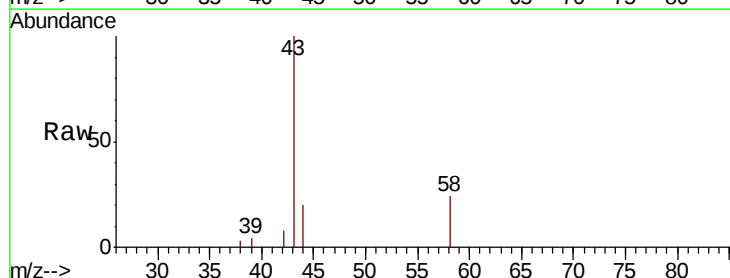
Acq: 12 Dec 2018 10:44

Tgt Ion: 43 Resp: 5574

Ion Ratio Lower Upper

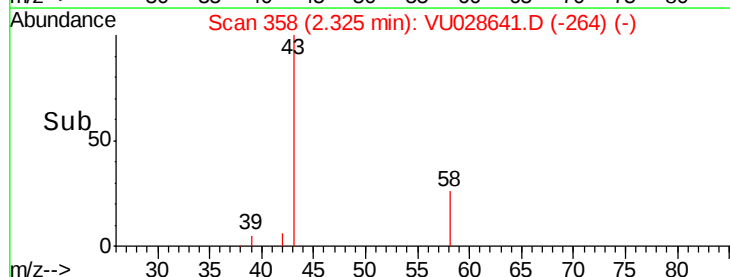
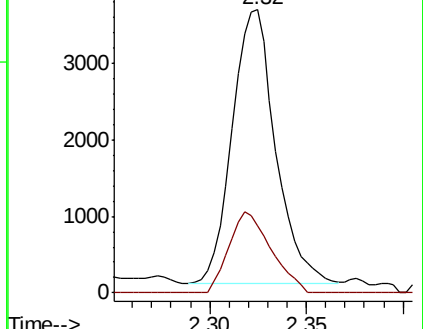
43 100

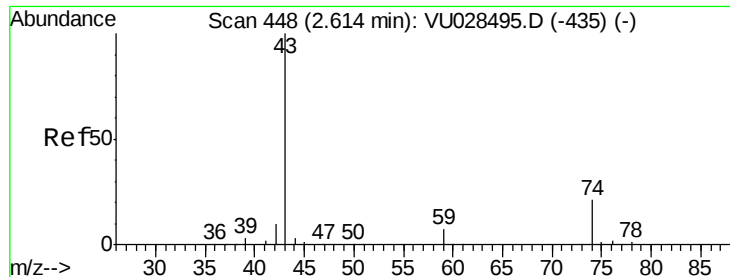
58 24.6 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-339) (-)

Ion 58.00 (57.70 to 58.70): VU028495.D (-339) (-)

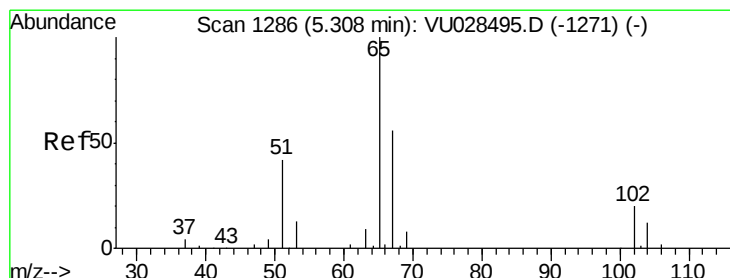
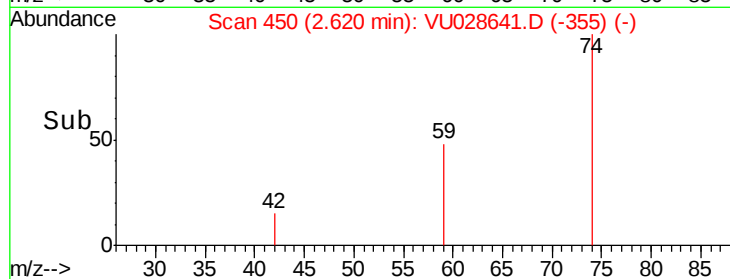
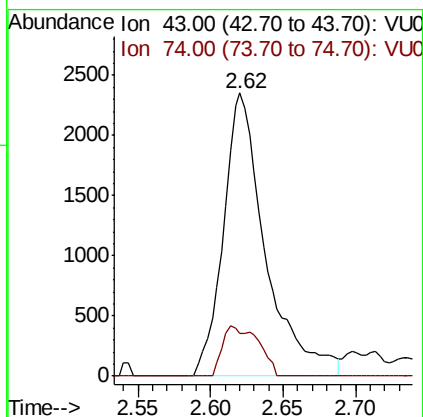
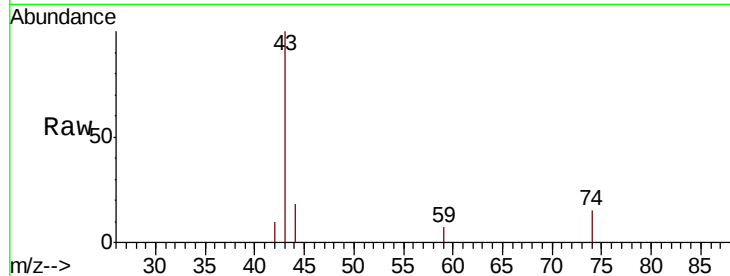




#18
Methvl Acetate
Concen: 1.654 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU028641.D
Acq: 12 Dec 2018 10:44

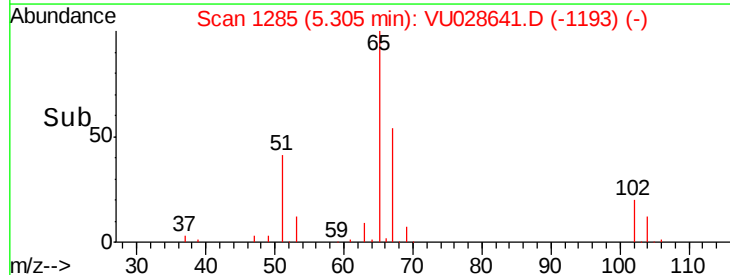
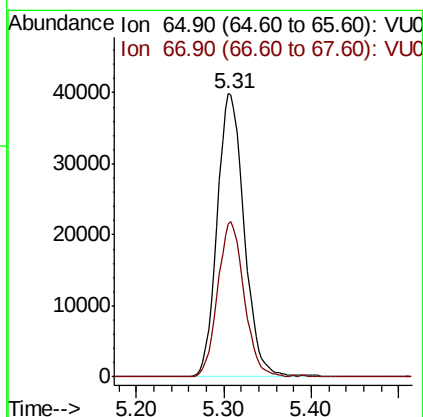
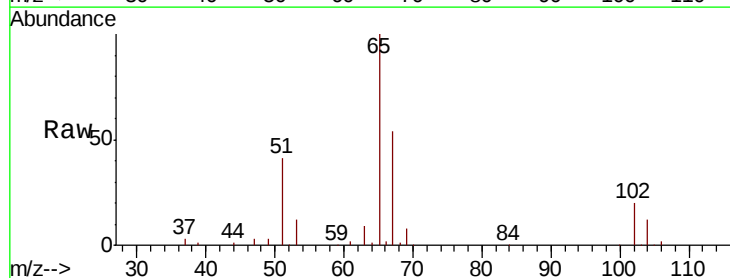
Instrument :
MSVOA_U
ClientSampleId :
TB-01-181210

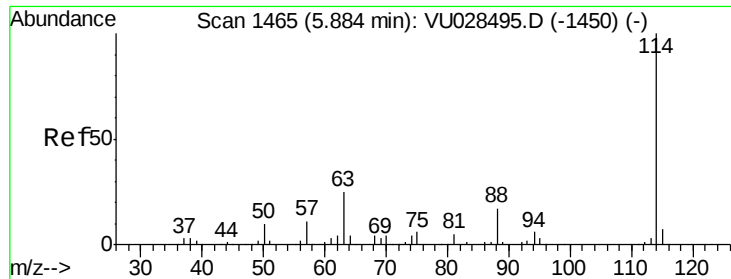
Tot Ion: 43 Resp: 4755
Ion Ratio Lower Upper
43 100
74 14.9 16.4 24.6#



#33
1,2-Dichloroethane-d4
Concen: 50.287 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU028641.D
Acq: 12 Dec 2018 10:44

Tgt Ion: 65 Resp: 85476
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.6

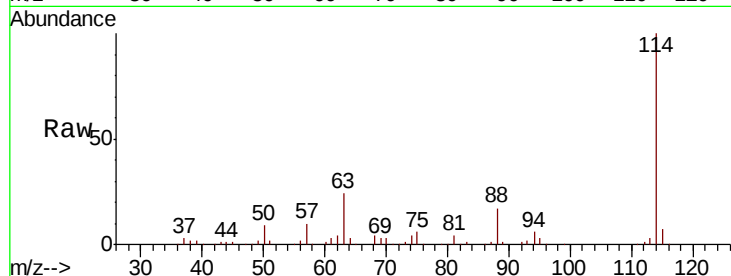




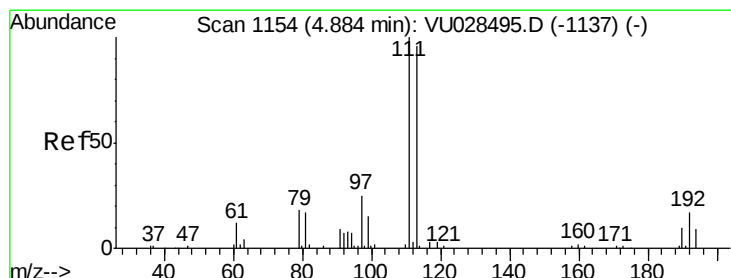
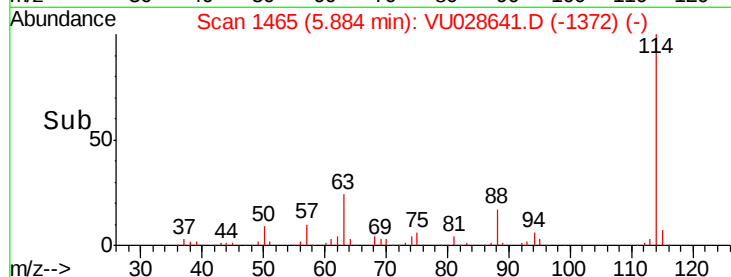
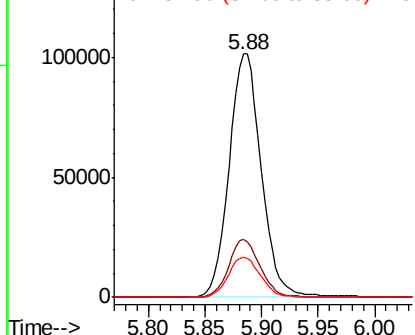
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VU028641.D
Acq: 12 Dec 2018 10:44

Instrument :
MSVOA_U
ClientSampleId :
TB-01-181210

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	49.2
88	16.6	0.0	33.4

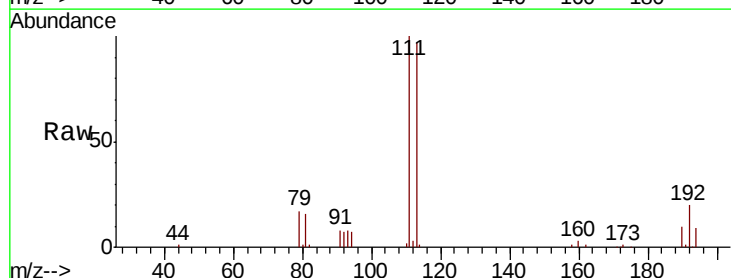


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

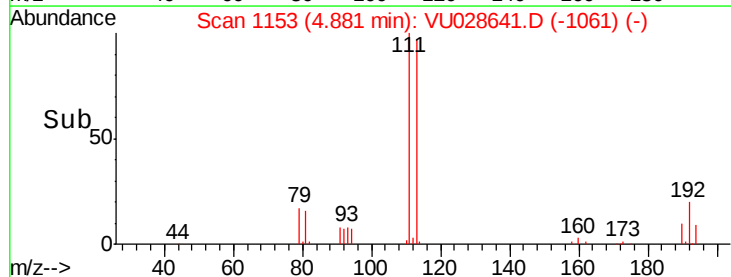
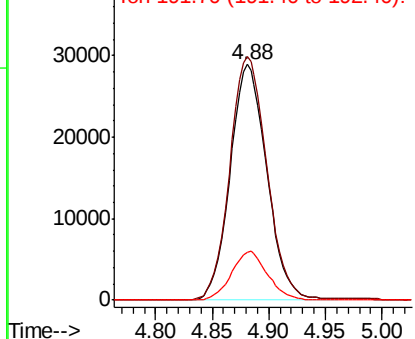


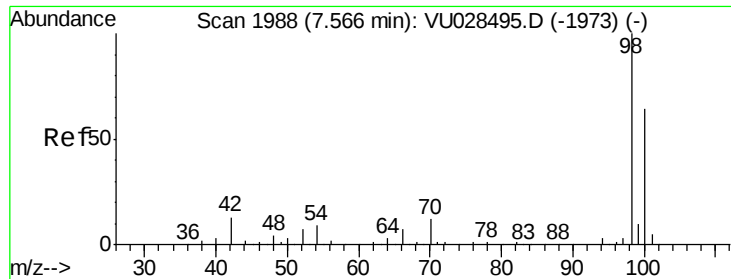
#35
Dibromofluoromethane
Concen: 51.610 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028641.D
Acq: 12 Dec 2018 10:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.4	125.0
192	20.3	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: 50.806 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028641.D

Acq: 12 Dec 2018 10:44

Instrument :

MSVOA_U

ClientSampleId :

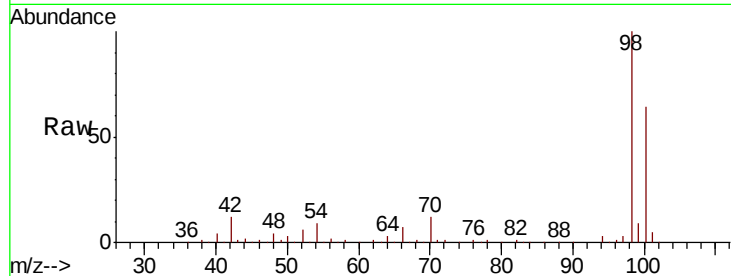
TB-01-181210

Tot Ion: 98 Resp: 254335

Ion Ratio Lower Upper

98 100

100 64.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.57

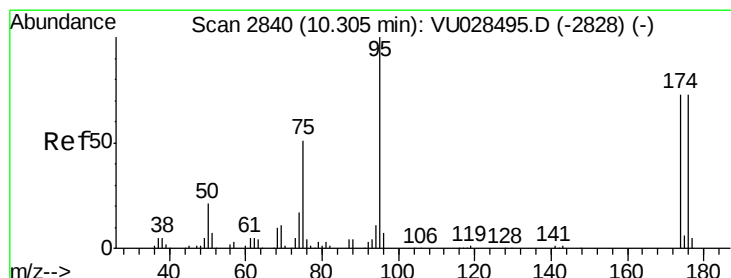
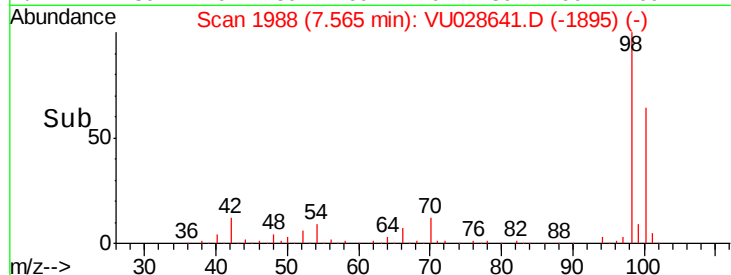
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.540 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028641.D

Acq: 12 Dec 2018 10:44

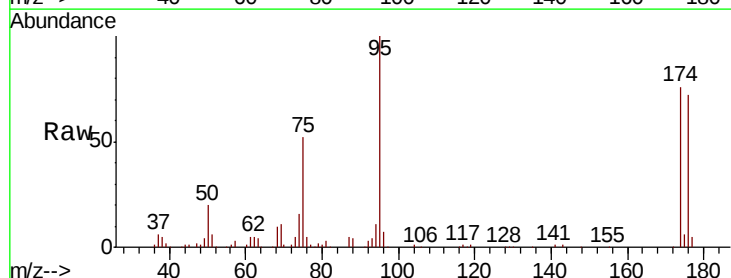
Tgt Ion: 95 Resp: 83337

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.4

176 73.6 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

10.30

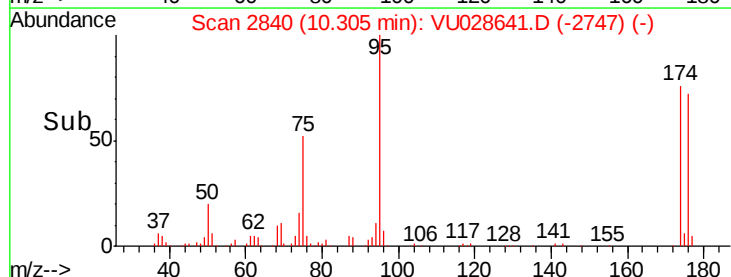
60000

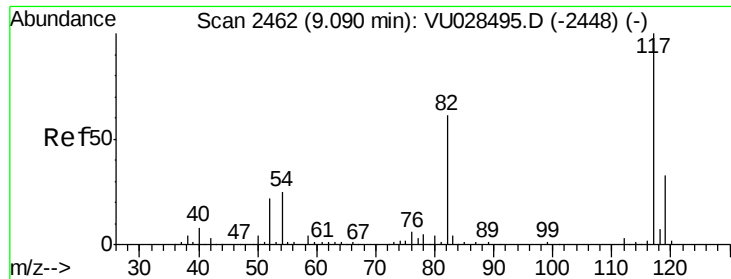
40000

20000

0

Time-->

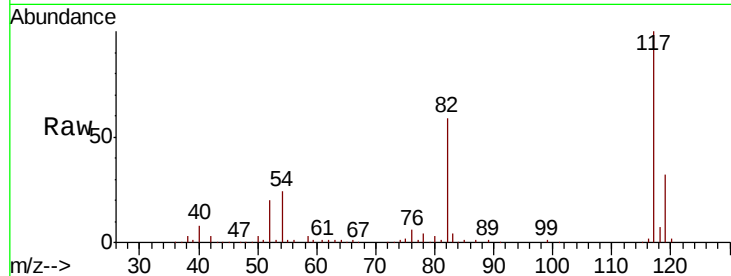




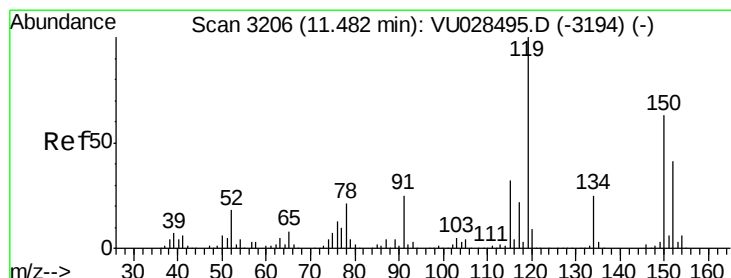
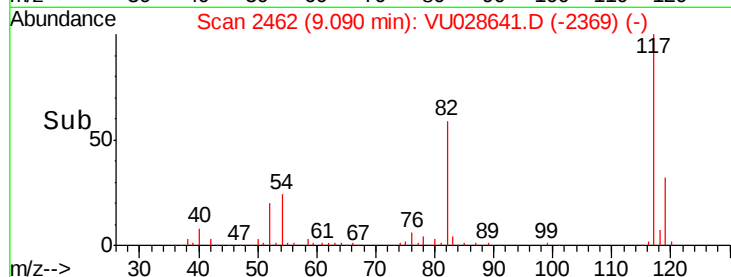
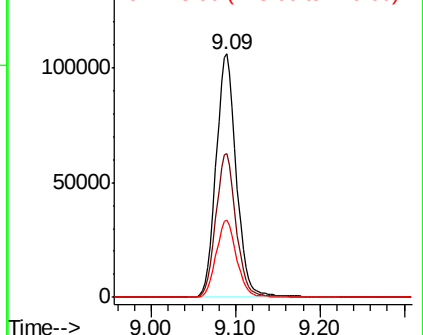
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028641.D
Acq: 12 Dec 2018 10:44

Instrument :
MSVOA_U
ClientSampleId :
TB-01-181210

Tot Ion:117 Resp: 177305
Ion Ratio Lower Upper
117 100
82 58.9 48.9 73.3
119 31.9 26.2 39.4

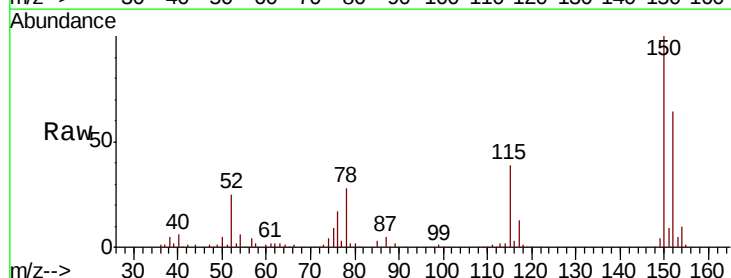


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028641.D
Acq: 12 Dec 2018 10:44

Tgt Ion:152 Resp: 69401
Ion Ratio Lower Upper
152 100
115 60.9 42.7 128.1
150 157.8 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): VU028495.D (-3194) (-)
Ion 149.90 (149.60 to 150.60): V

