

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112918\
 Data File : VU028382.D
 Acq On : 29 Nov 2018 10:45
 Operator : MD/SY
 Sample : J6081-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-TB-2018-3

Quant Time: Nov 30 11:31:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	300697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	569446	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	524931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	229999	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	261099	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
35) Dibromofluoromethane	4.88	113	190518	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
50) Toluene-d8	7.57	98	749689	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	10.30	95	265467	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

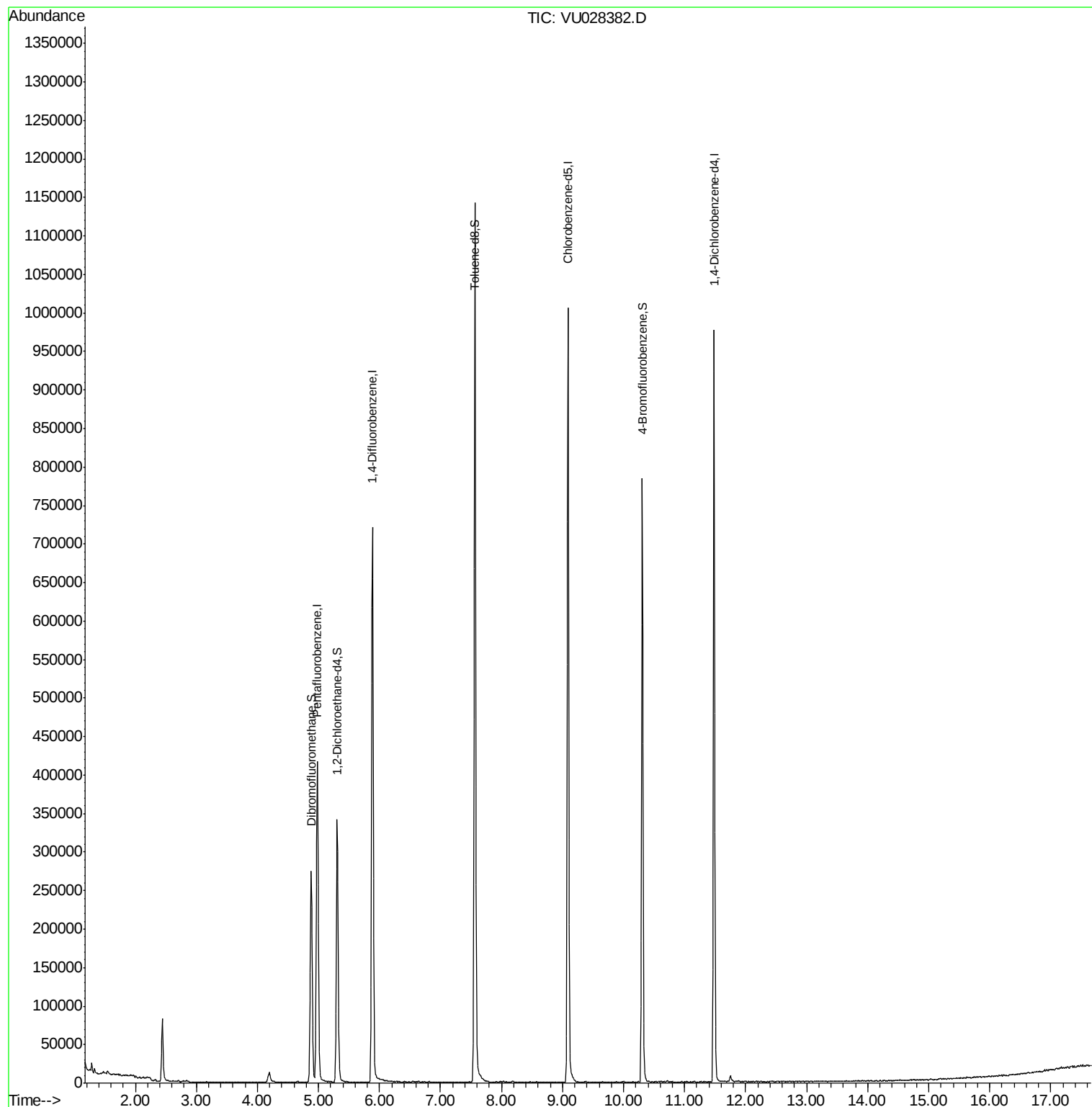
Target Compounds	Qvalue

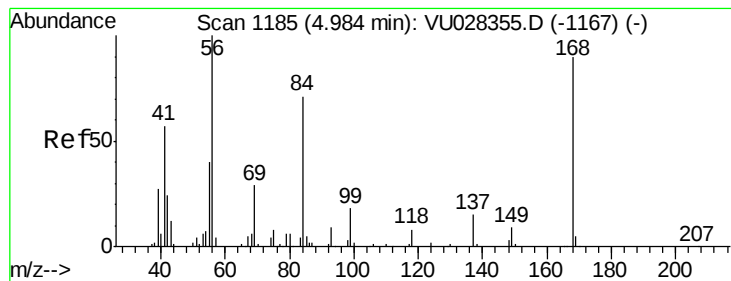
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028382.D

Acq: 29 Nov 2018 10:45

Instrument :

MSVOA_U

ClientSampleId :

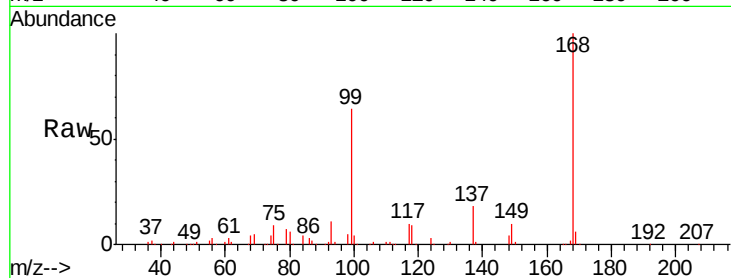
S32-TB-2018-3

Tgt Ion:168 Resp: 300697

Ion Ratio Lower Upper

168 100

99 63.6 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

4.98

150000

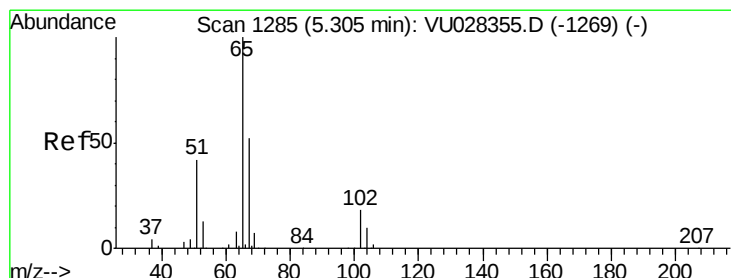
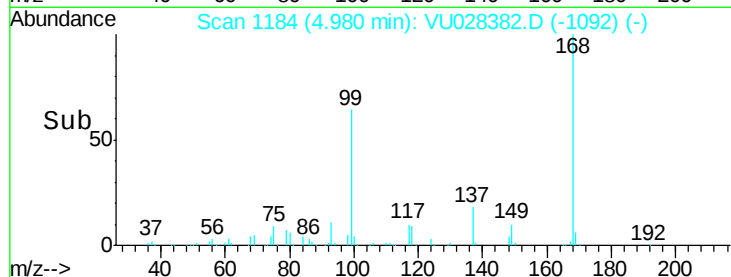
100000

50000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.956 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028382.D

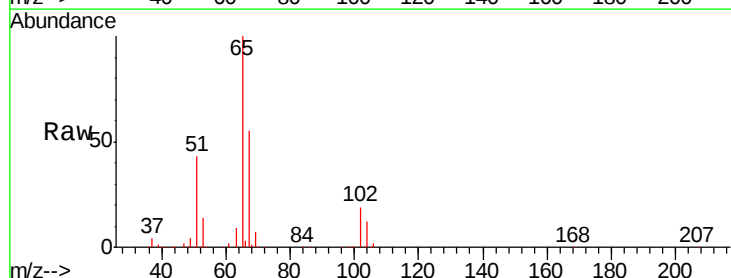
Acq: 29 Nov 2018 10:45

Tgt Ion: 65 Resp: 261099

Ion Ratio Lower Upper

65 100

67 54.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

5.31

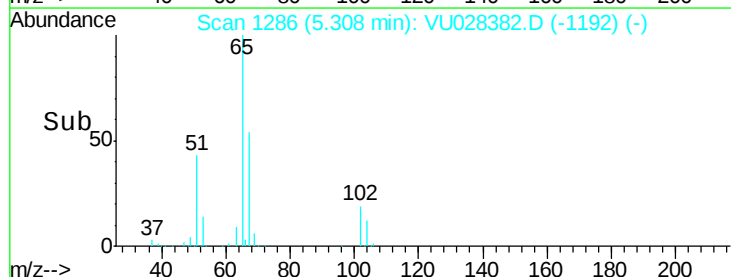
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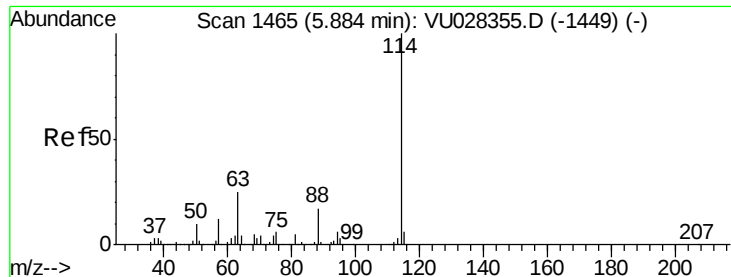
50000

0

5.20 5.30 5.40

Time-->

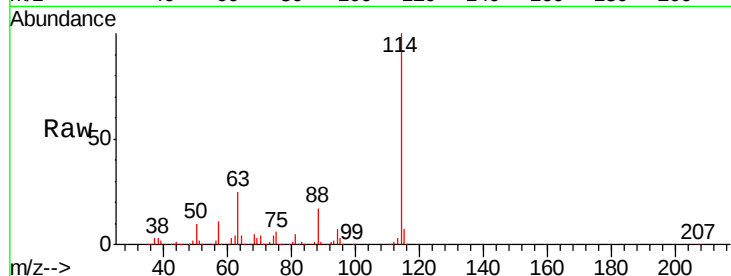




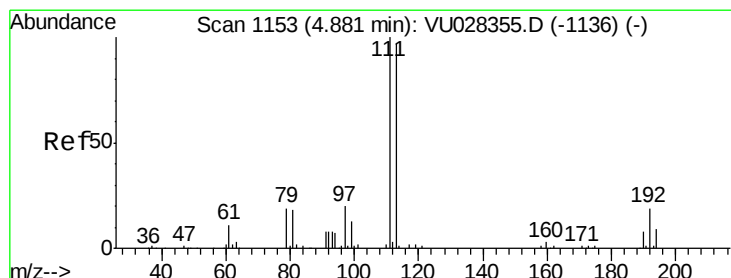
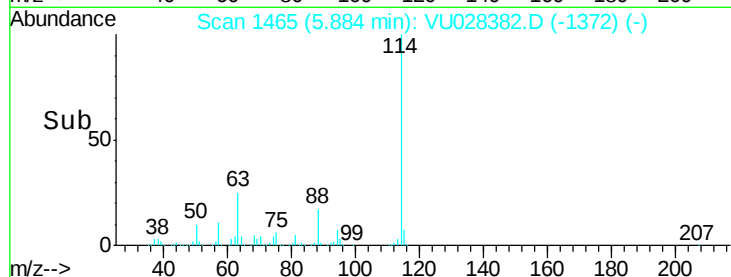
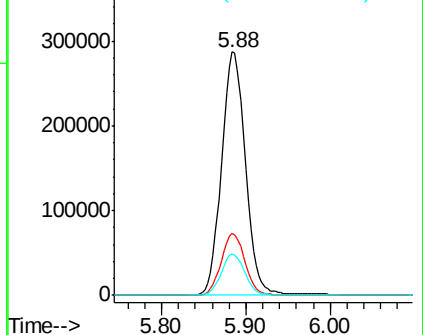
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028382.D
 Acq: 29 Nov 2018 10:45

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-TB-2018-3

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	50.0
88	16.9	0.0	34.4

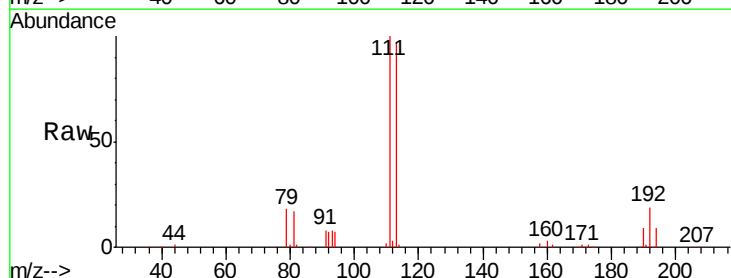


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

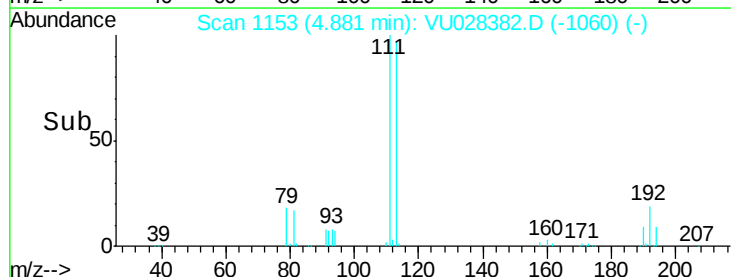
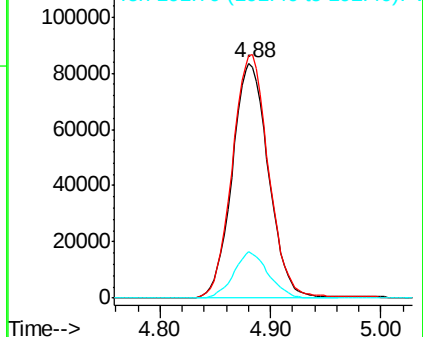


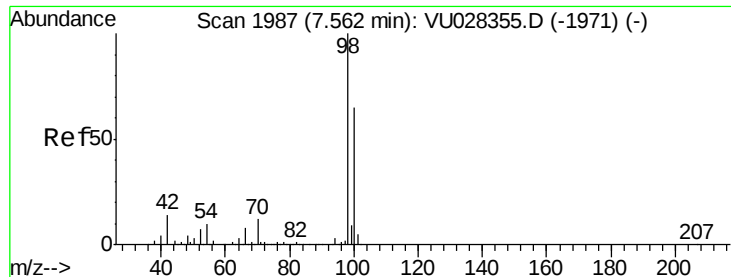
#35
 Dibromofluoromethane
 Concen: 50.314 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028382.D
 Acq: 29 Nov 2018 10:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	18.9	15.4	23.0



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: 49.505 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028382.D

Acq: 29 Nov 2018 10:45

Instrument :

MSVOA_U

ClientSampleId :

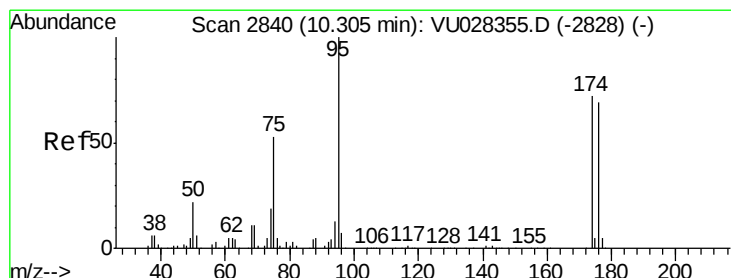
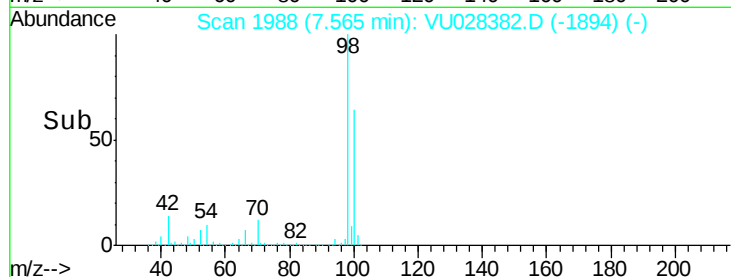
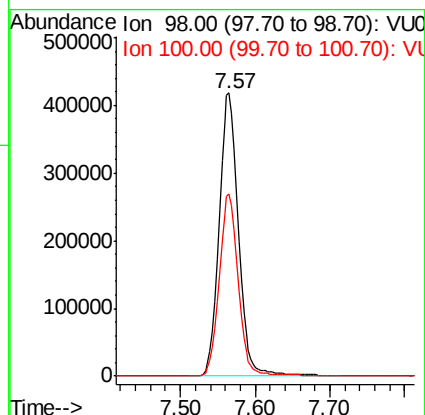
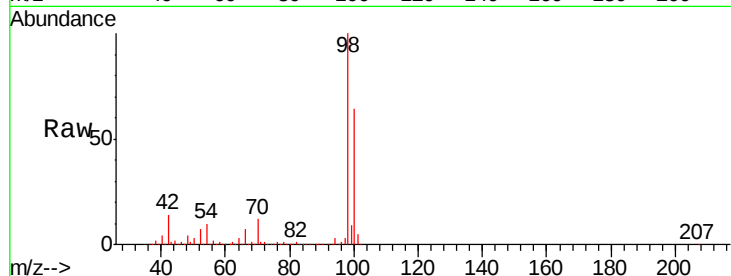
S32-TB-2018-3

Tgt Ion: 98 Resp: 749689

Ion Ratio Lower Upper

98 100

100 63.5 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 48.636 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028382.D

Acq: 29 Nov 2018 10:45

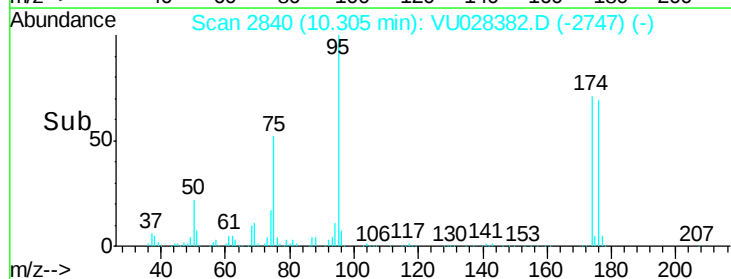
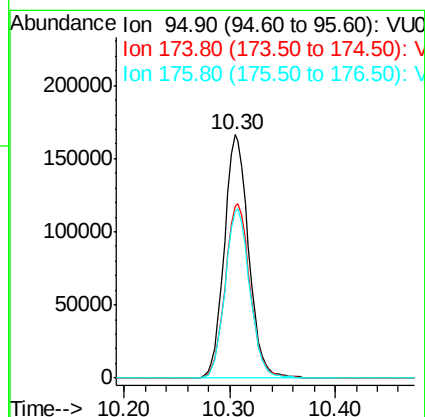
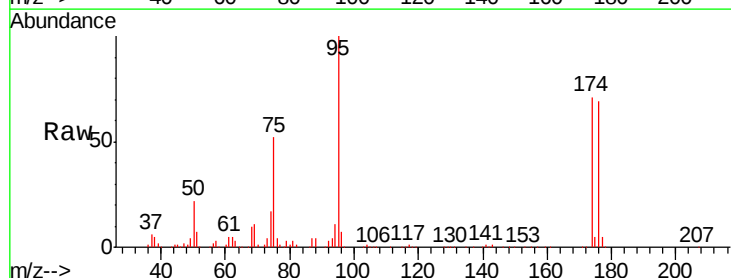
Tgt Ion: 95 Resp: 265467

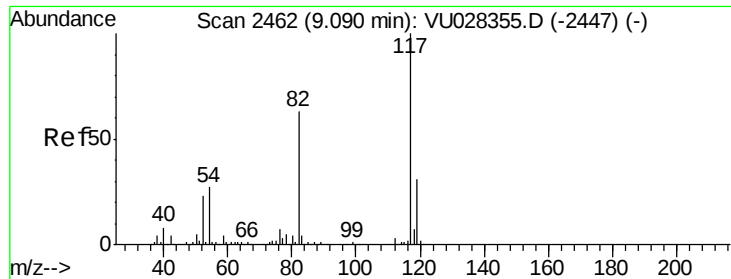
Ion Ratio Lower Upper

95 100

174 73.2 0.0 145.4

176 70.4 0.0 140.8

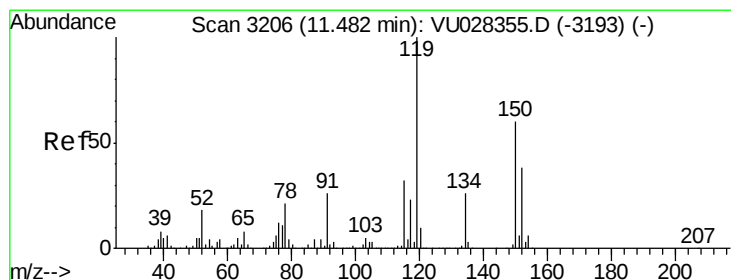
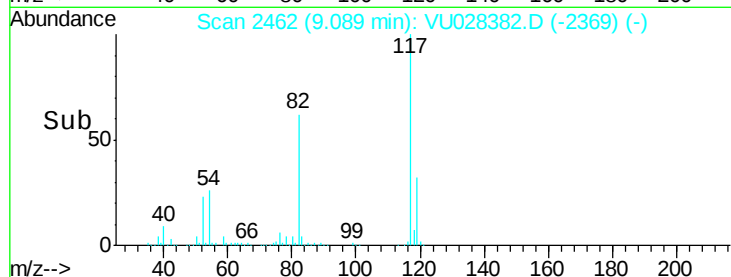
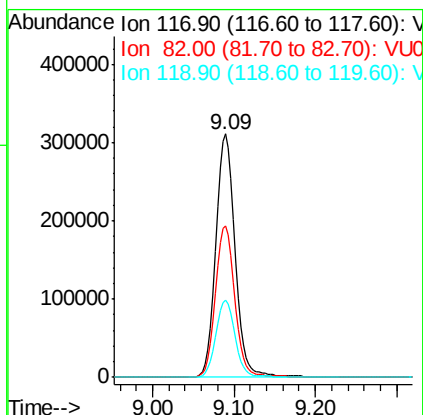
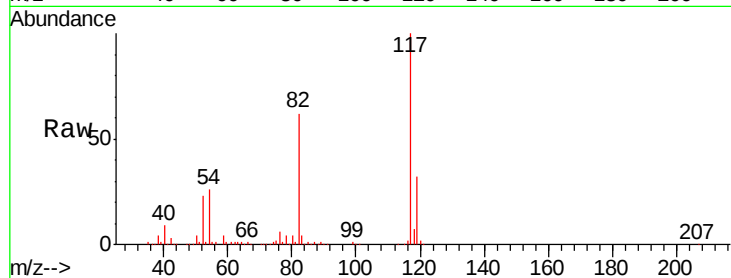




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028382.D
Acq: 29 Nov 2018 10:45

Instrument :
MSVOA_U
ClientSampleId :
S32-TB-2018-3

Tgt Ion:117 Resp: 524931
Ion Ratio Lower Upper
117 100
82 62.1 50.3 75.5
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028382.D
Acq: 29 Nov 2018 10:45

Tgt Ion:152 Resp: 229999
Ion Ratio Lower Upper
152 100
115 62.4 45.0 134.8
150 158.1 0.0 349.2

