

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112718\
 Data File : VU028347.D
 Acq On : 27 Nov 2018 19:49
 Operator : MD/SY
 Sample : J6028-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMP-3

Quant Time: Nov 28 15:20:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	221860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	412812	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	368110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	146637	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	195852	59.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.76%	
35) Dibromofluoromethane	4.88	113	140265	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
50) Toluene-d8	7.57	98	543846	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
62) 4-Bromofluorobenzene	10.31	95	181385	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

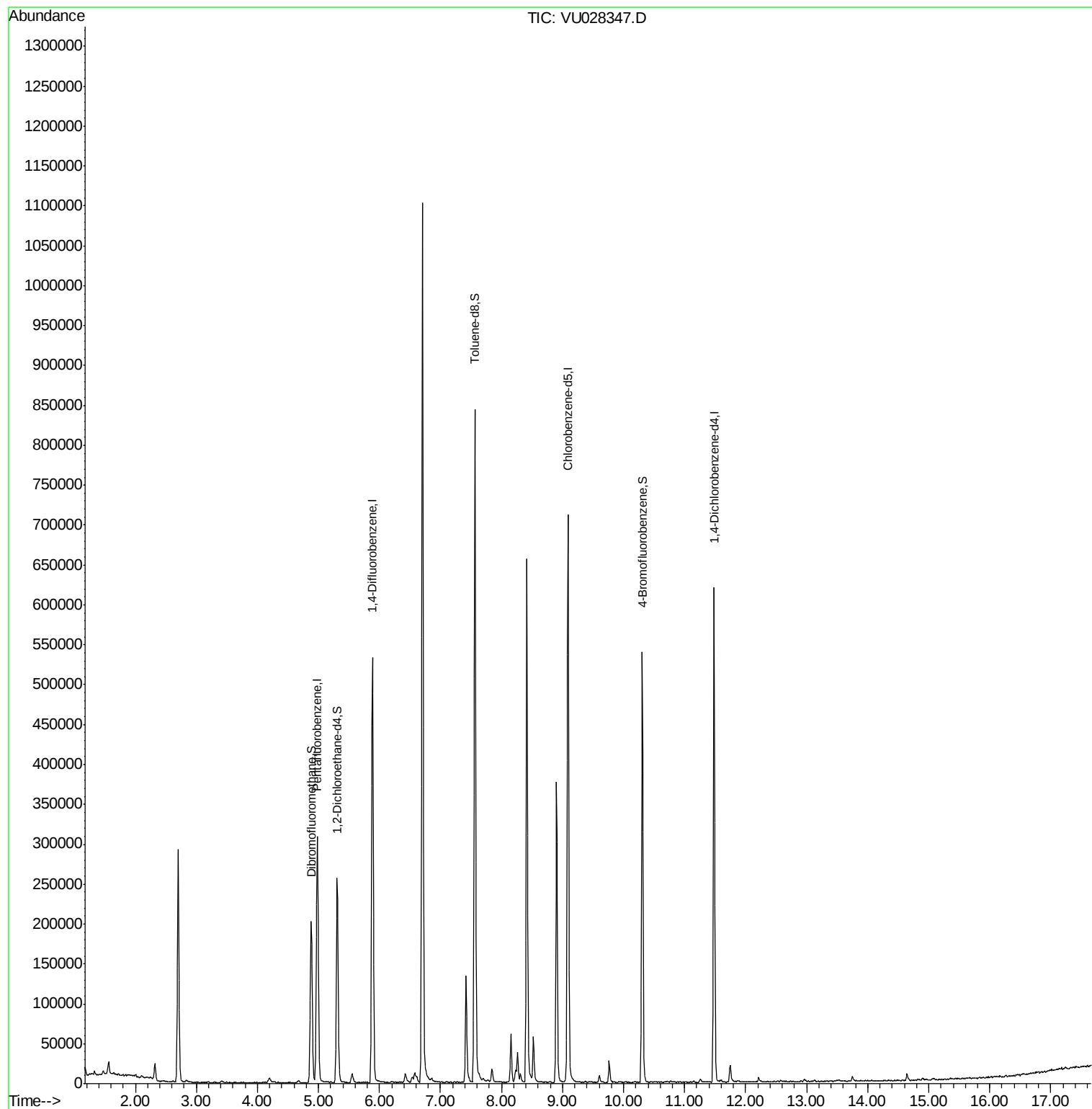
Target Compounds	Qvalue

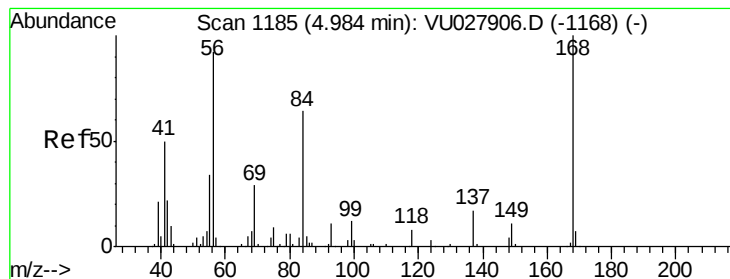
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028347.D

Acq: 27 Nov 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

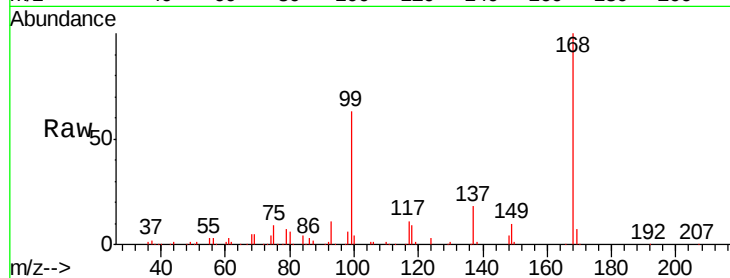
COMP-3

Tgt Ion:168 Resp: 221860

Ion Ratio Lower Upper

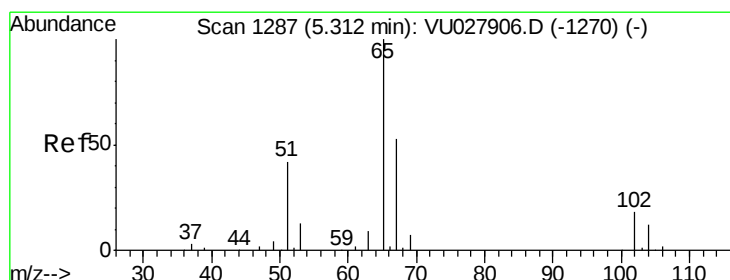
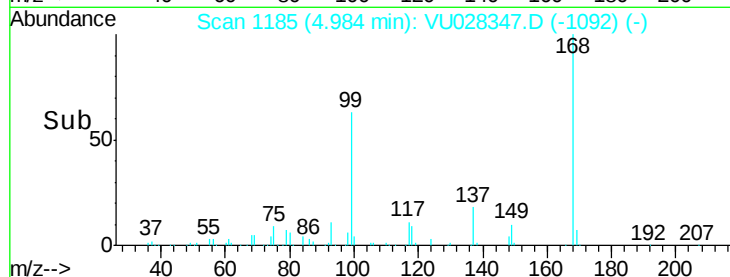
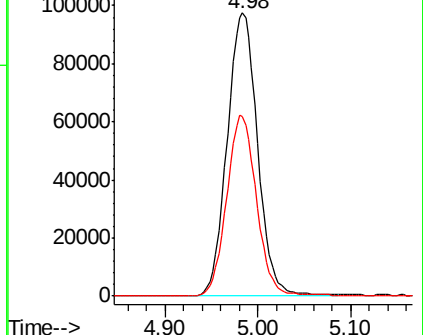
168 100

99 63.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU028347.D (-1092) (-)

Ion 98.90 (98.60 to 99.60): VU028347.D (-1092) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.38 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028347.D

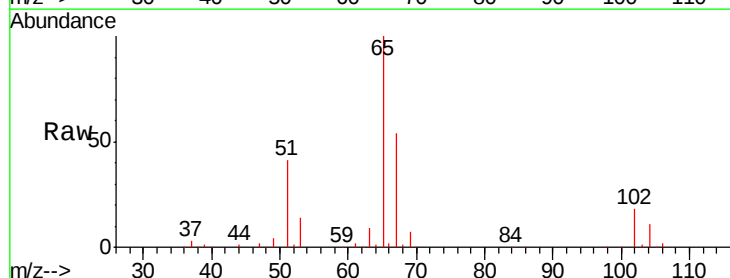
Acq: 27 Nov 2018 19:49

Tgt Ion: 65 Resp: 195852

Ion Ratio Lower Upper

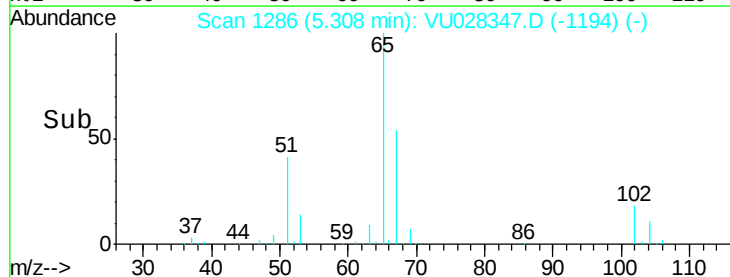
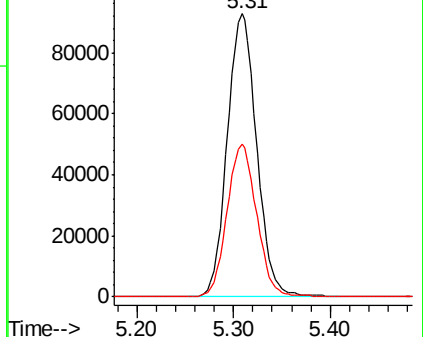
65 100

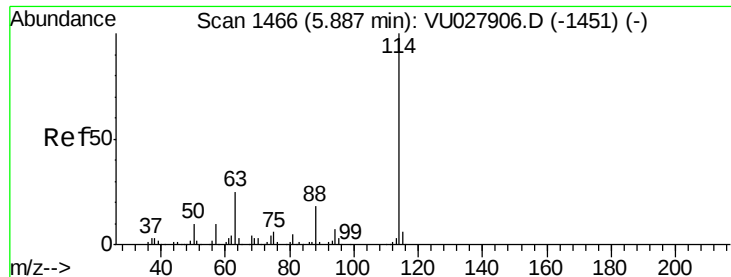
67 54.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU028347.D (-1194) (-)

Ion 66.90 (66.60 to 67.60): VU028347.D (-1194) (-)

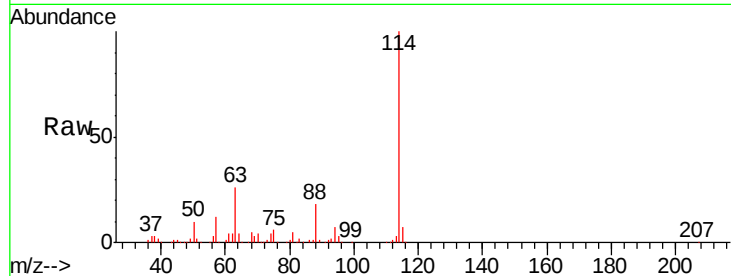




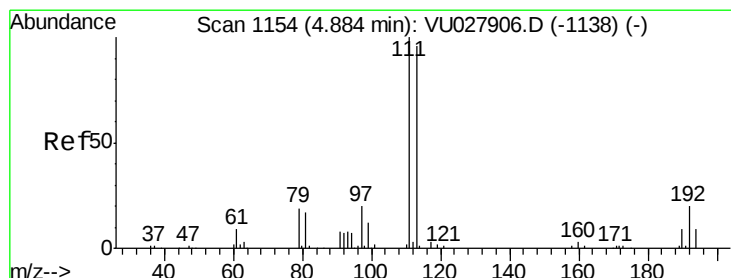
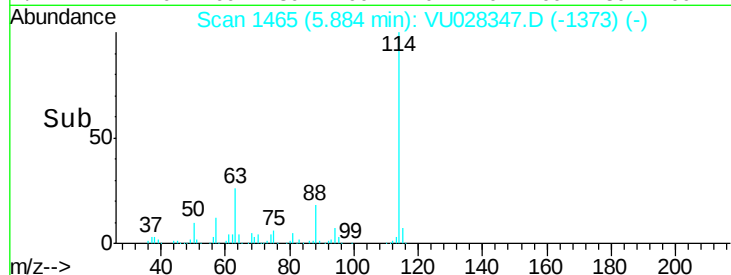
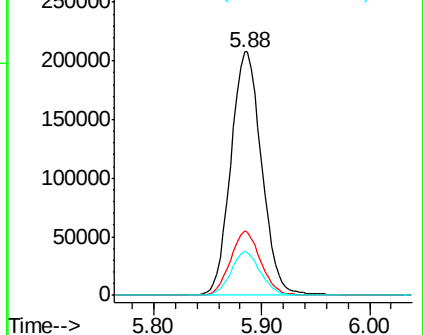
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028347.D
 Acq: 27 Nov 2018 19:49

Instrument :
 MSVOA_U
 ClientSampled :
 COMP-3

Tgt Ion:114 Resp: 412812
 Ion Ratio Lower Upper
 114 100
 63 26.4 0.0 50.8
 88 17.9 0.0 35.8

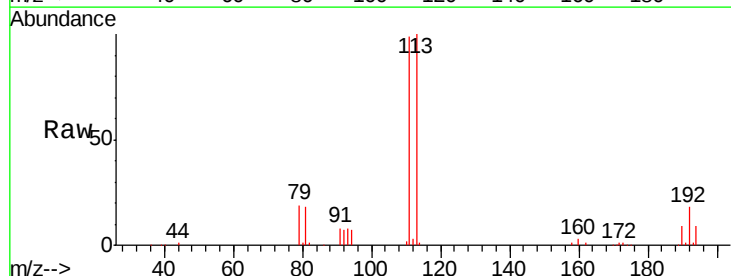


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

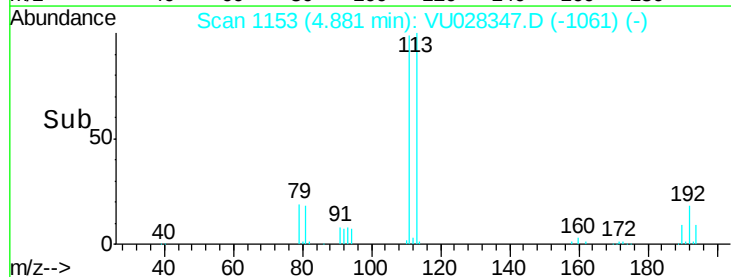
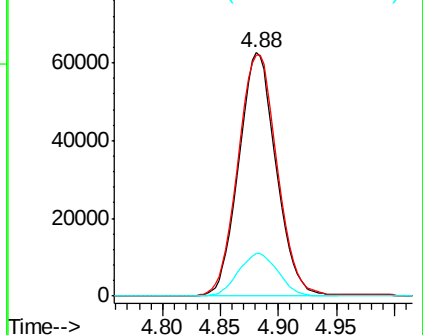


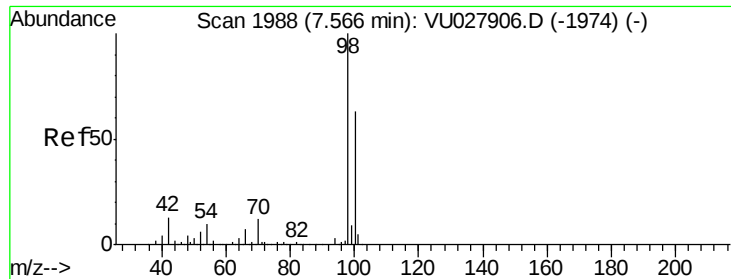
#35
 Dibromofluoromethane
 Concen: 53.89 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028347.D
 Acq: 27 Nov 2018 19:49

Tgt Ion:113 Resp: 140265
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.0 124.6
 192 18.5 15.6 23.4



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: 54.09 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028347.D

Acq: 27 Nov 2018 19:49

Instrument :

MSVOA_U

ClientSampleId :

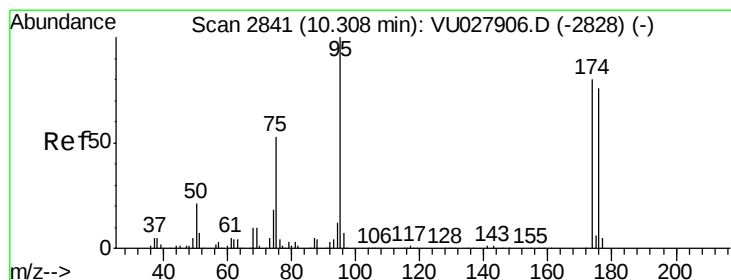
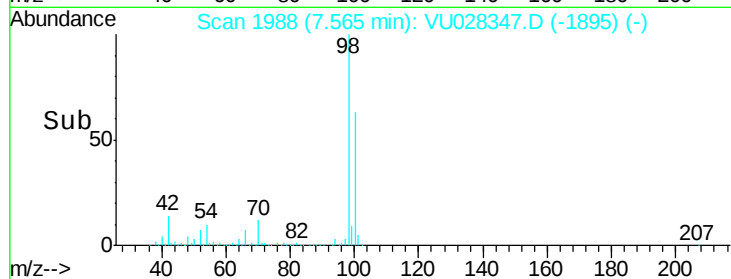
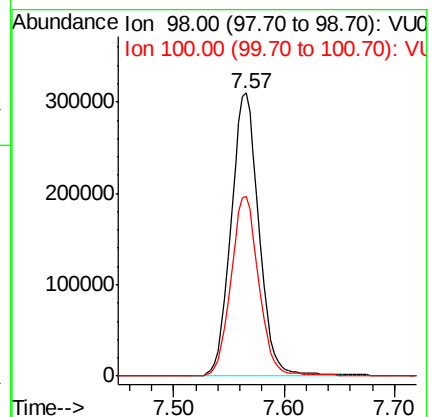
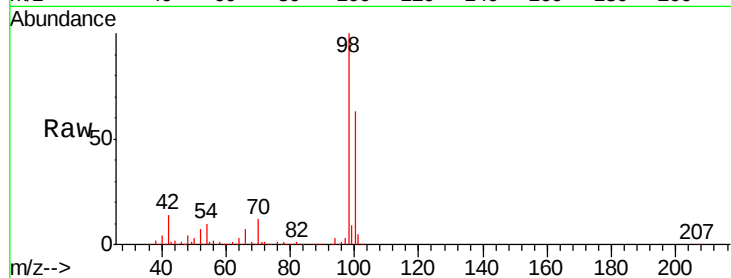
COMP-3

Tgt Ion: 98 Resp: 543846

Ion Ratio Lower Upper

98 100

100 63.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.91 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU028347.D

Acq: 27 Nov 2018 19:49

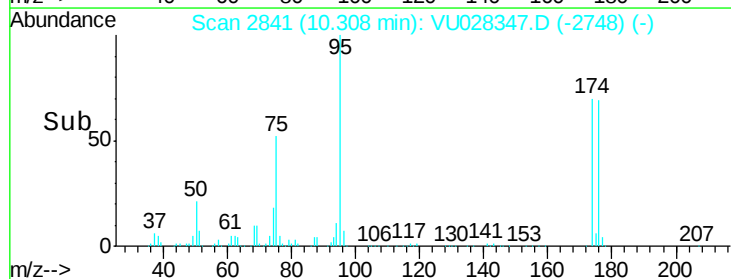
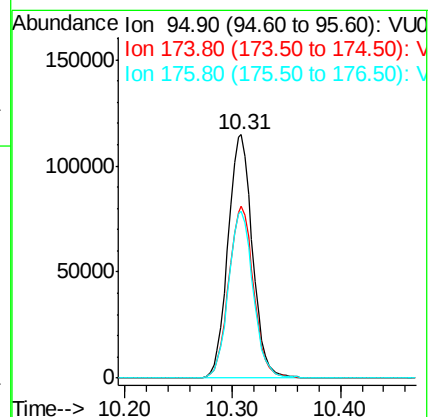
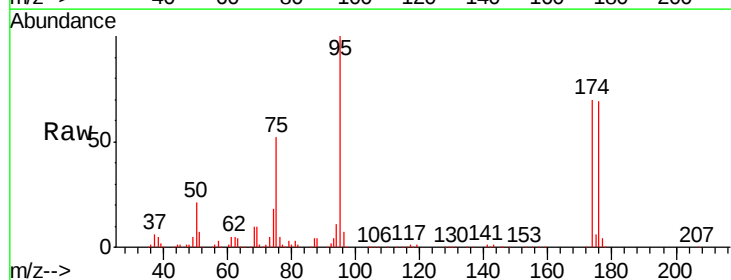
Tgt Ion: 95 Resp: 181385

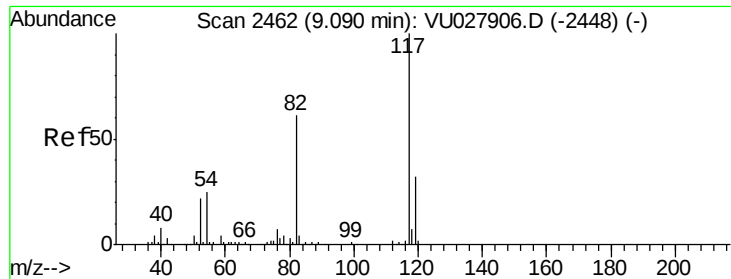
Ion Ratio Lower Upper

95 100

174 71.7 0.0 156.4

176 69.1 0.0 150.8

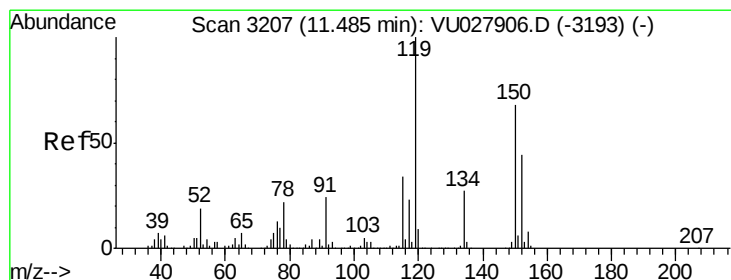
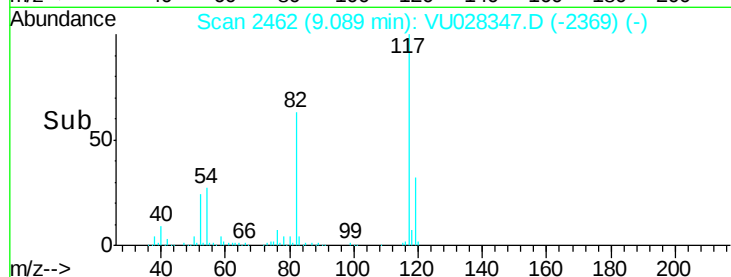
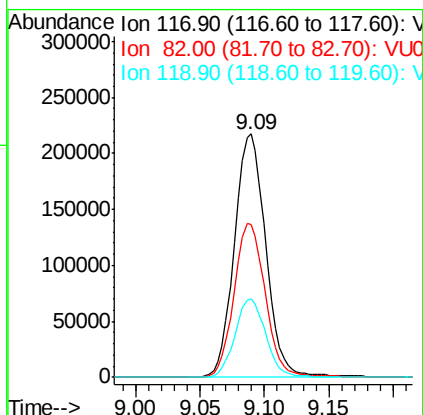
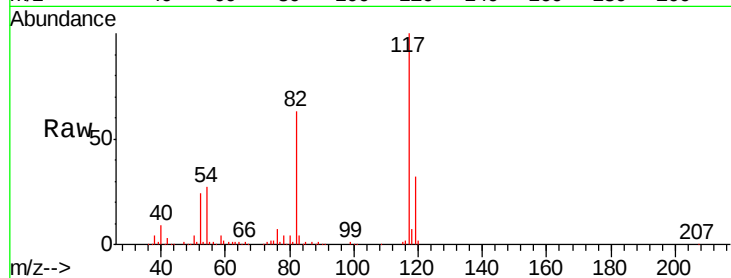




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028347.D
Acq: 27 Nov 2018 19:49

Instrument :
MSVOA_U
ClientSampled :
COMP-3

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.0	48.6	73.0
119	32.1	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028347.D
Acq: 27 Nov 2018 19:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	43.0	129.0
150	155.3	0.0	349.4

