

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028754.D
 Acq On : 18 Dec 2018 05:35
 Operator : MD/SY
 Sample : J6413-07DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-7DL

Quant Time: Dec 18 12:16:29 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

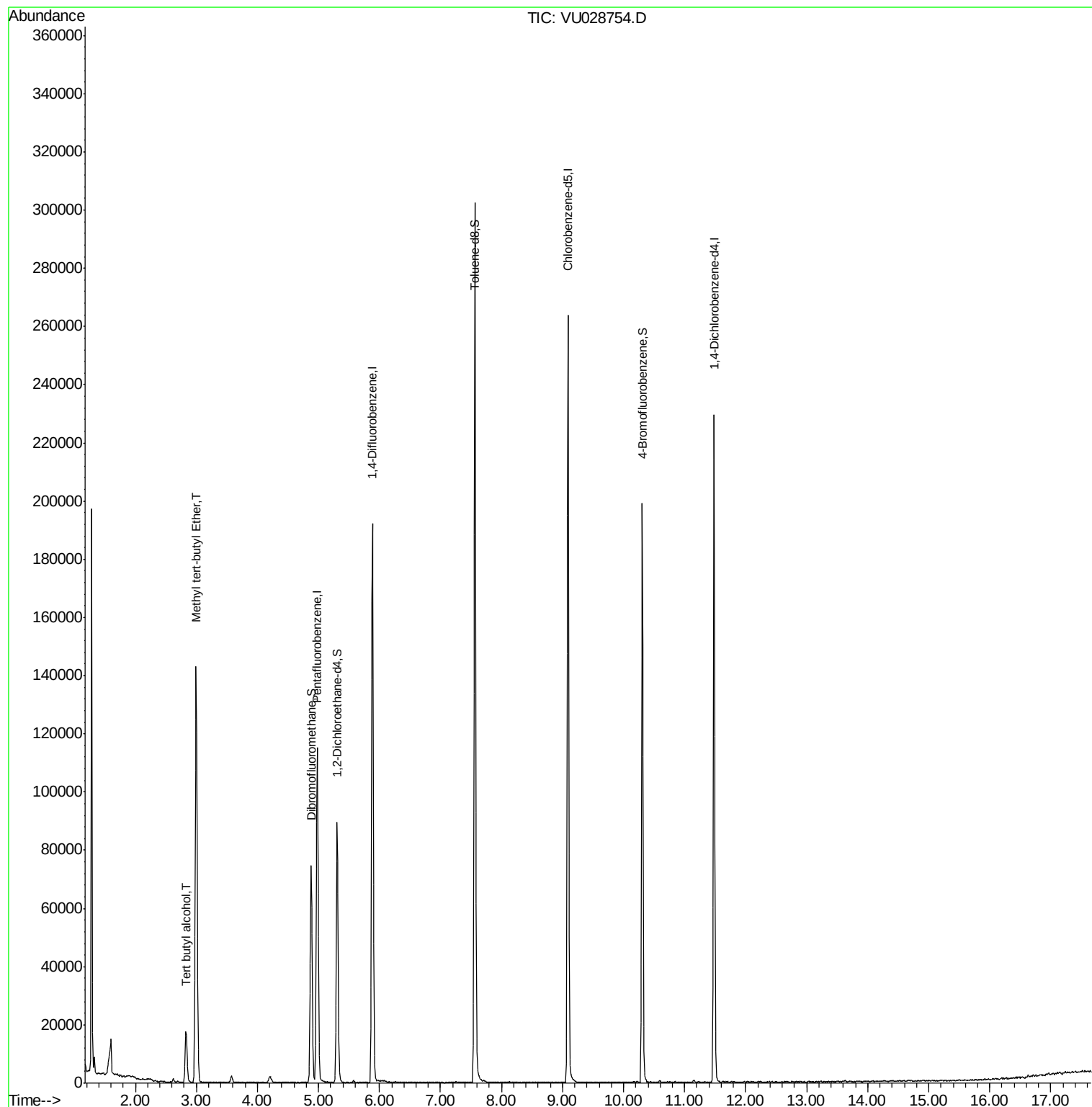
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	86455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	152138	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	140377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	56845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	69859	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
35) Dibromofluoromethane	4.88	113	51242	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
50) Toluene-d8	7.56	98	198876	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	10.31	95	65845	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
Target Compounds						
11) Tert butyl alcohol	2.83	59	21637	73.608	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	144698	39.654	ug/l	99

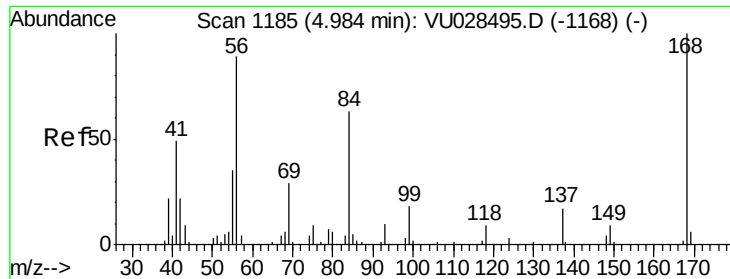
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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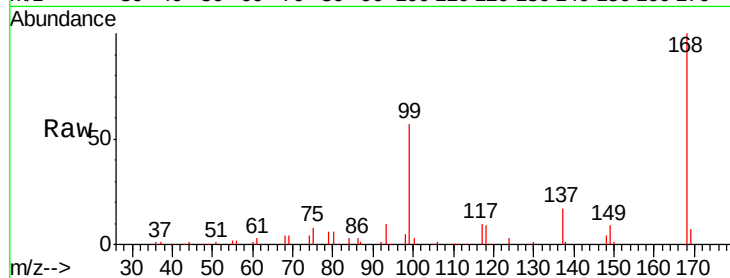




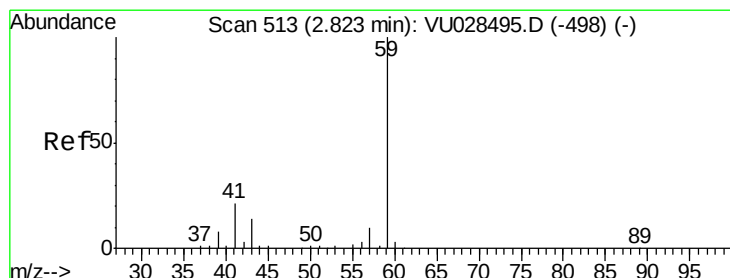
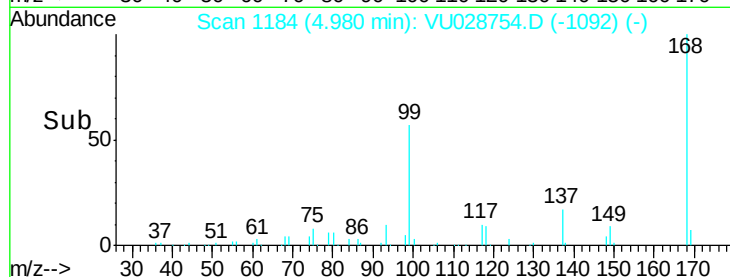
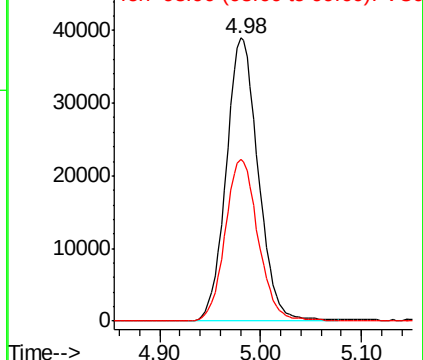
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VU028754.D
Acq: 18 Dec 2018 05:35

Instrument :
MSVOA_U
ClientSampleId :
MW-7DL

Tgt Ion:168 Resp: 86455
Ion Ratio Lower Upper
168 100
99 57.2 46.6 69.8

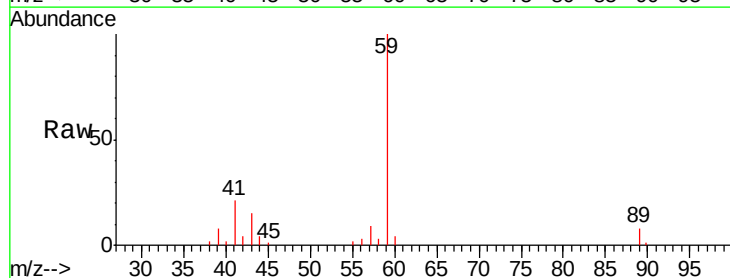


Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)
Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

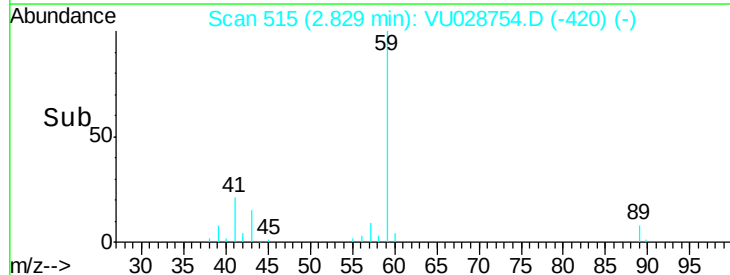
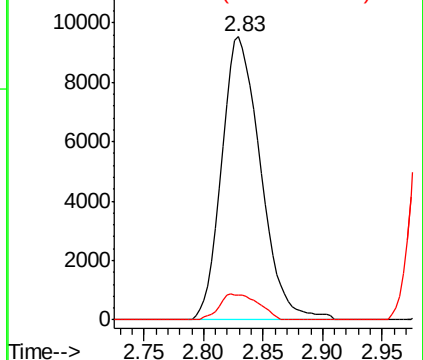


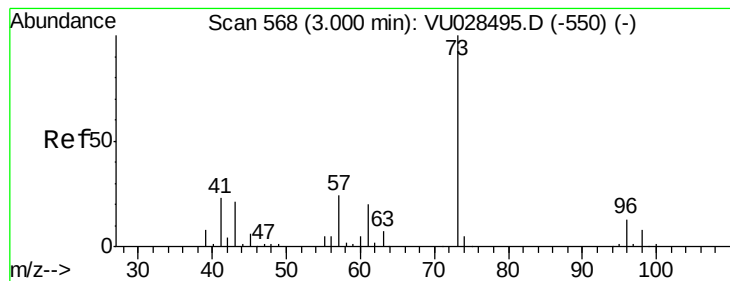
#11
Tert butyl alcohol
Concen: 73.608 ug/l
RT: 2.83 min Scan# 515
Delta R.T. 0.01 min
Lab File: VU028754.D
Acq: 18 Dec 2018 05:35

Tgt Ion: 59 Resp: 21637
Ion Ratio Lower Upper
59 100
57 9.3 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VU028495.D (-498) (-)
Ion 57.00 (56.70 to 57.70): VU028495.D (-498) (-)





#19

Methyl tert-butyl Ether

Concen: 39.654 ug/l

RT: 3.00 min Scan# 567

Delta R.T. -0.00 min

Lab File: VU028754.D

Acq: 18 Dec 2018 05:35

Instrument :

MSVOA_U

ClientSampleId :

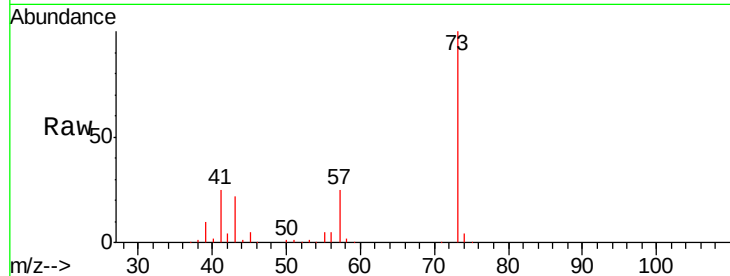
MW-7DL

Tgt Ion: 73 Resp: 144698

Ion Ratio Lower Upper

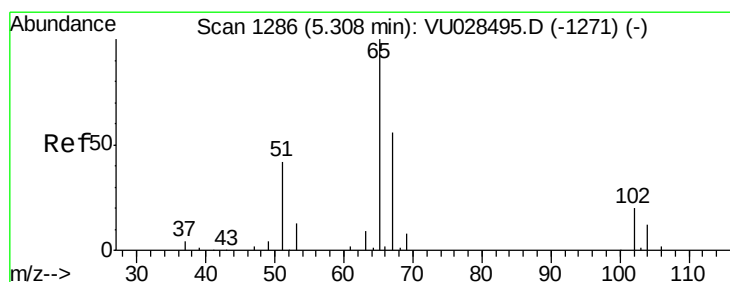
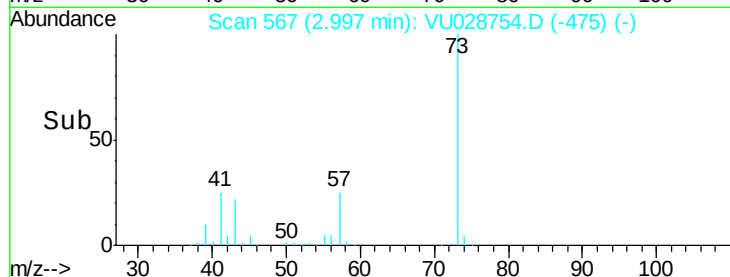
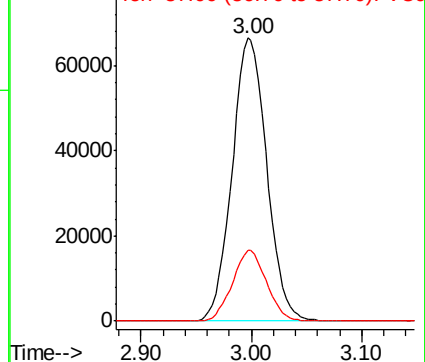
73 100

57 25.0 19.4 29.2



Abundance Ion 73.00 (72.70 to 73.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 52.949 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028754.D

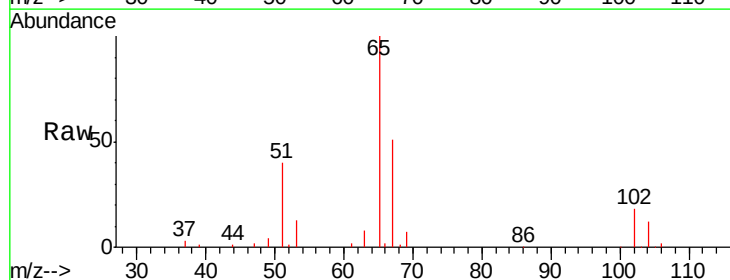
Acq: 18 Dec 2018 05:35

Tgt Ion: 65 Resp: 69859

Ion Ratio Lower Upper

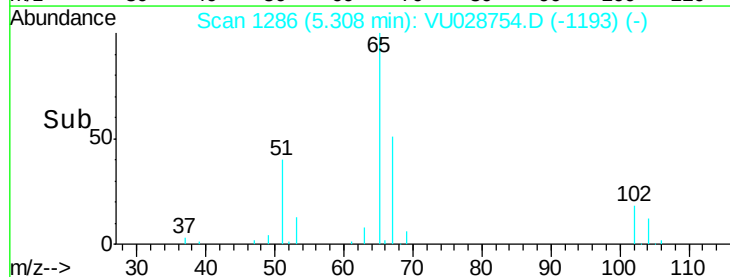
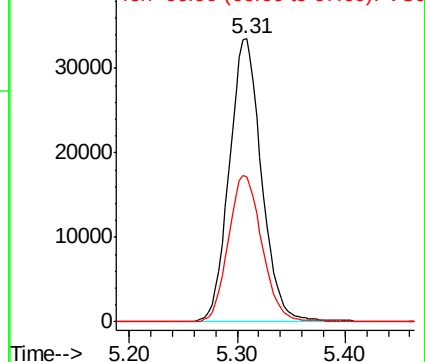
65 100

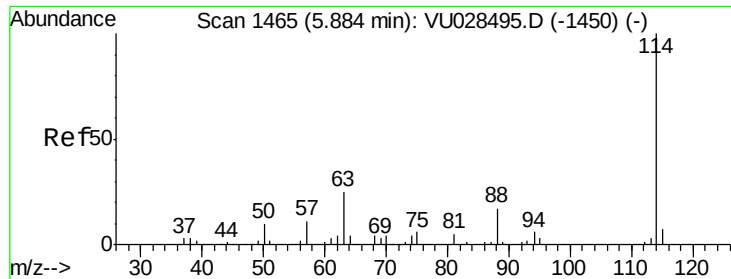
67 53.7 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

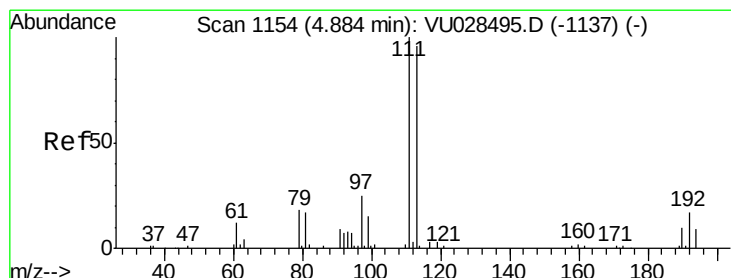
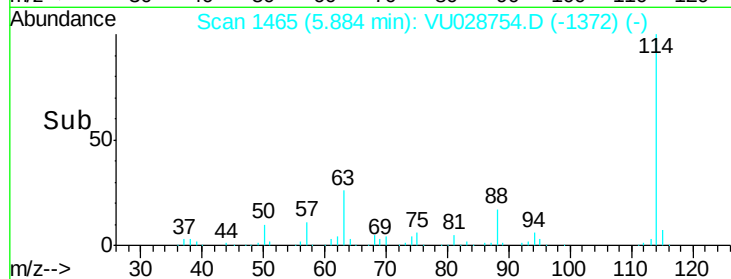
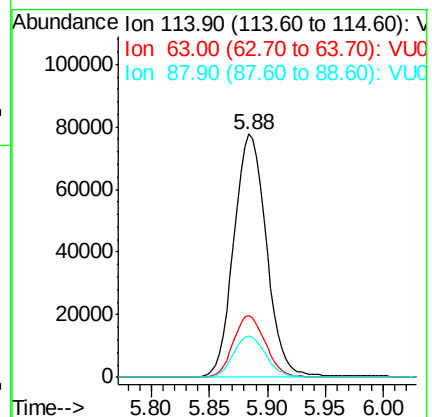
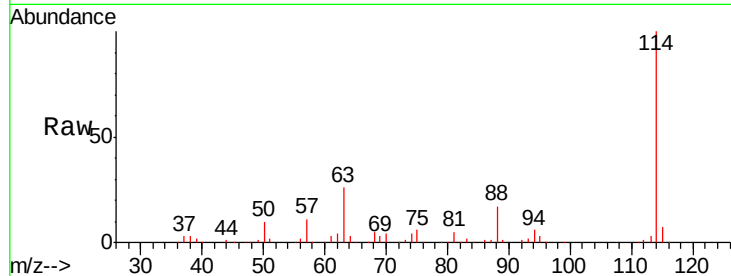




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028754.D
 Acq: 18 Dec 2018 05:35

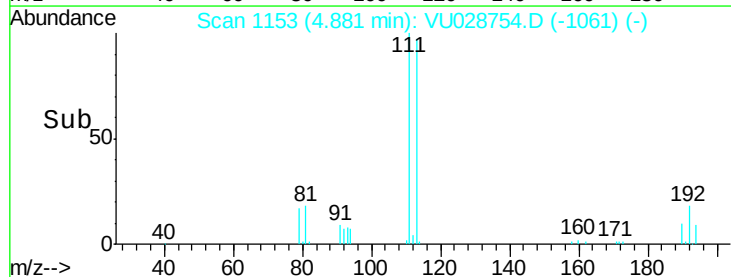
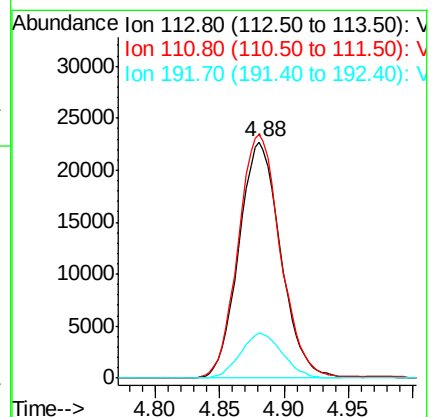
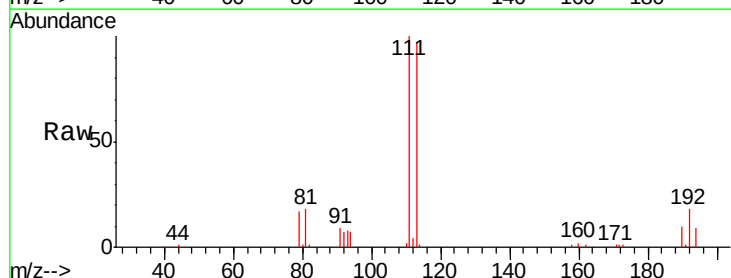
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-7DL

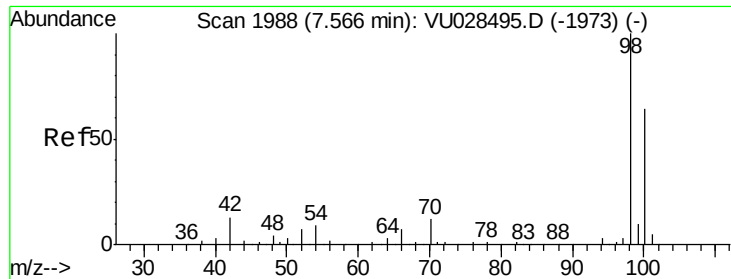
Tgt Ion:114 Resp: 152138
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 49.2
 88 16.8 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 53.521 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028754.D
 Acq: 18 Dec 2018 05:35

Tgt Ion:113 Resp: 51242
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.4 125.0
 192 19.0 14.8 22.2

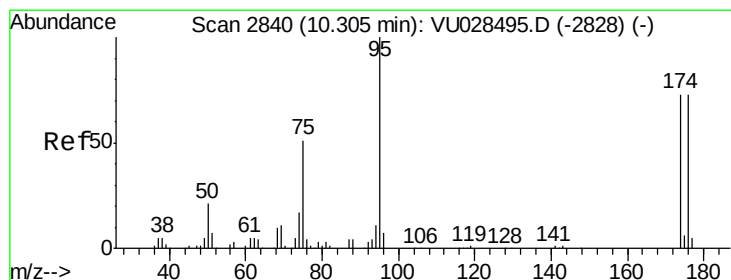
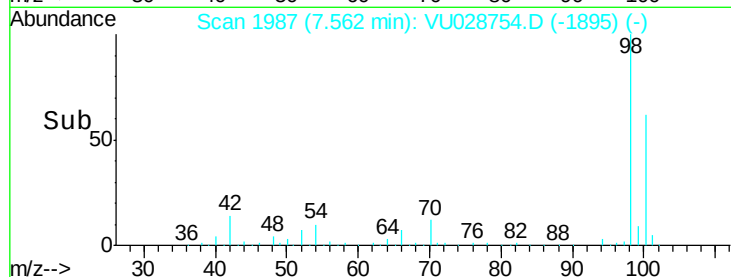
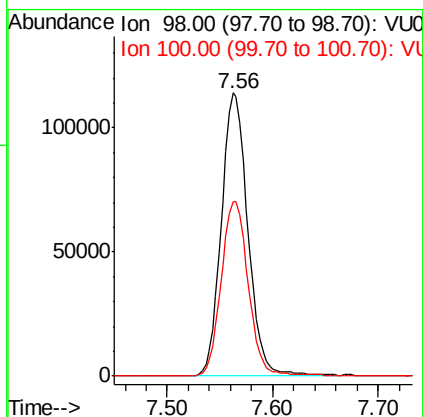
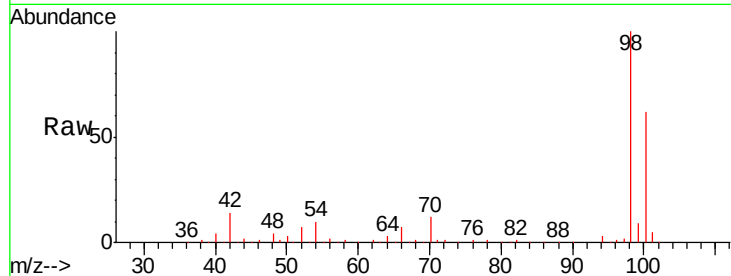




#50
Toluene-d8
Concen: 52.510 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028754.D
Acq: 18 Dec 2018 05:35

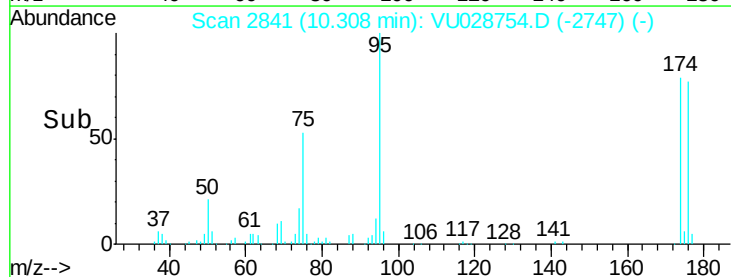
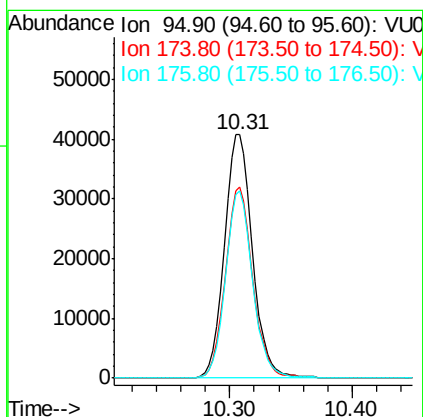
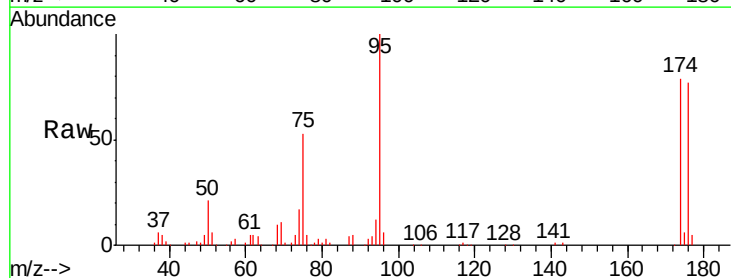
Instrument :
MSVOA_U
ClientSampleId :
MW-7DL

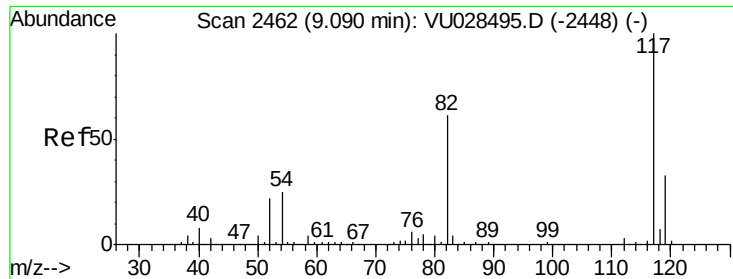
Tgt Ion: 98 Resp: 198876
Ion Ratio Lower Upper
98 100
100 63.1 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 46.515 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028754.D
Acq: 18 Dec 2018 05:35

Tgt Ion: 95 Resp: 65845
Ion Ratio Lower Upper
95 100
174 76.5 0.0 150.4
176 74.3 0.0 145.2

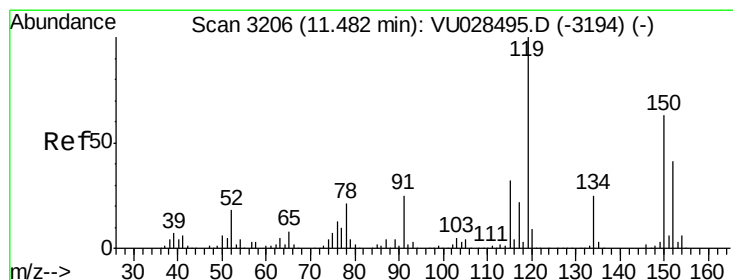
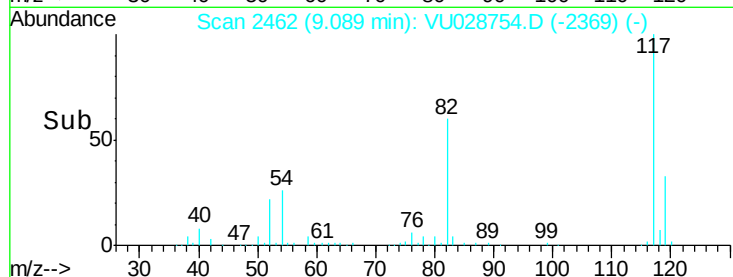
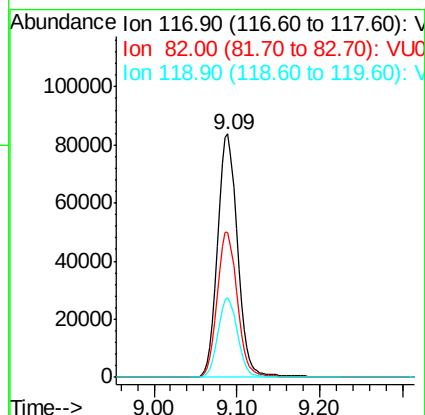
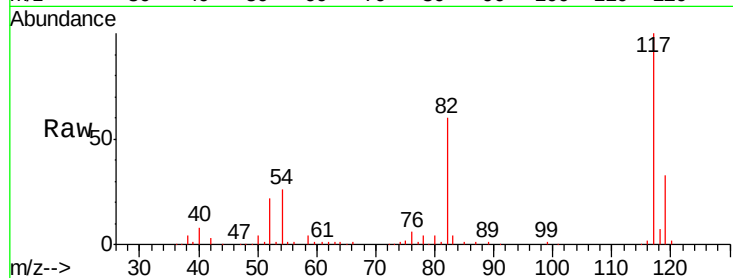




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028754.D
Acq: 18 Dec 2018 05:35

Instrument :
MSVOA_U
ClientSampleId :
MW-7DL

Tgt Ion:117 Resp: 140377
Ion Ratio Lower Upper
117 100
82 59.5 48.9 73.3
119 32.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028754.D
Acq: 18 Dec 2018 05:35

Tgt Ion:152 Resp: 56845
Ion Ratio Lower Upper
152 100
115 60.2 42.7 128.1
150 155.1 0.0 346.0

