

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070419\
 Data File : VN056595.D
 Acq On : 3 Jul 2019 19:24
 Operator : JC/SP
 Sample : K3680-02DL 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2RDL

Quant Time: Jul 03 23:27:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

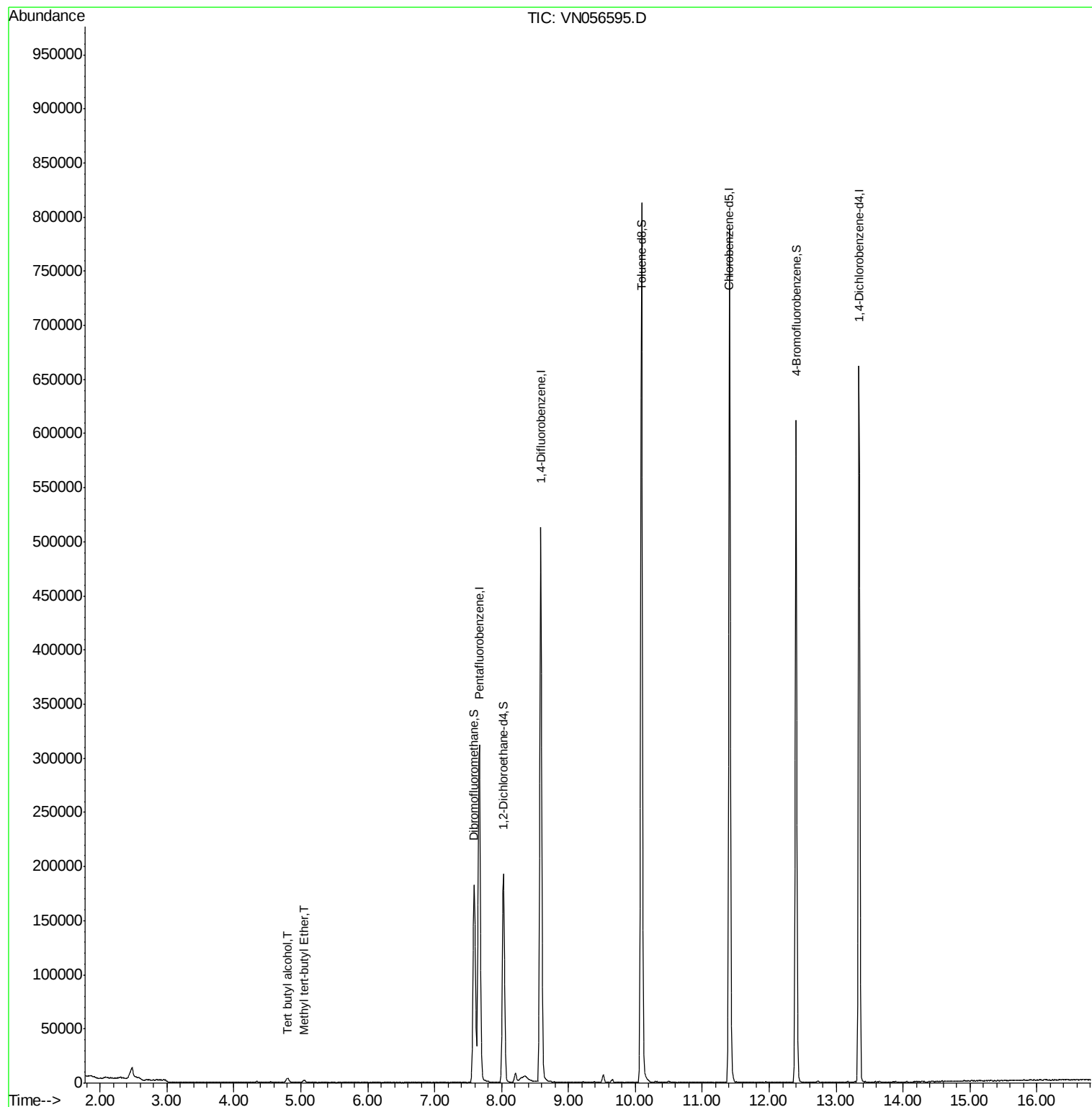
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	279768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	484963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	162311	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
35) Dibromofluoromethane	7.59	113	141560	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
50) Toluene-d8	10.09	98	600553	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.40	95	219094	55.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.66%	
Target Compounds						
11) Tert butyl alcohol	4.80	59	7022	13.446	ug/l #	88
19) Methyl tert-butyl Ether	5.04	73	3814	0.466	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056595.D

Acq: 3 Jul 2019 19:24

Instrument :

MSVOA_N

ClientSampleId :

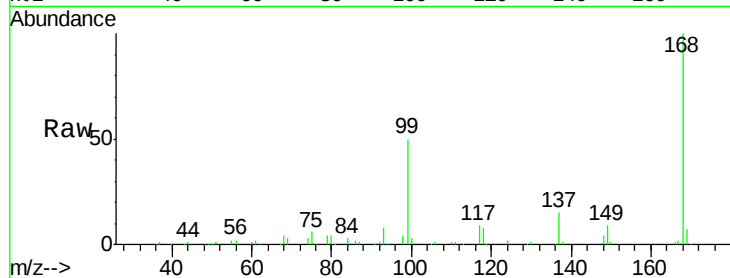
MW-2RDL

Tot Ion:168 Resp: 279768

Ion Ratio Lower Upper

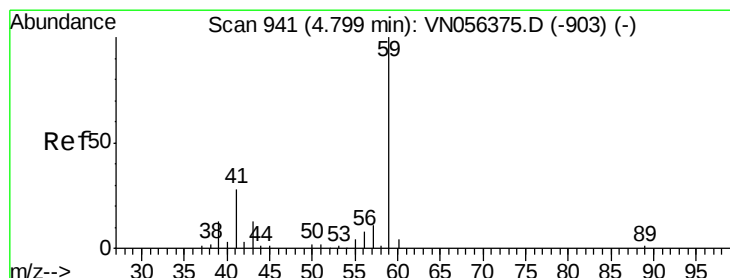
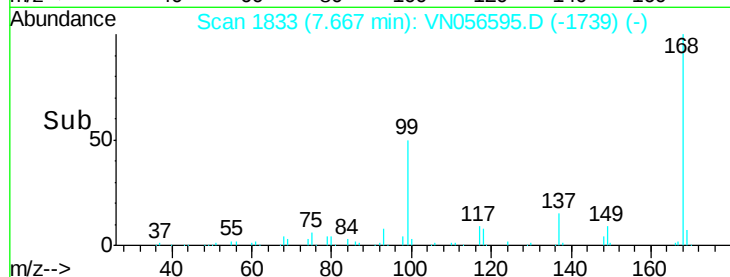
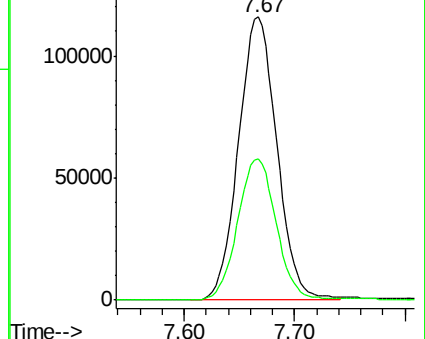
168 100

99 49.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 13.446 ug/l

RT: 4.80 min Scan# 942

Delta R.T. 0.00 min

Lab File: VN056595.D

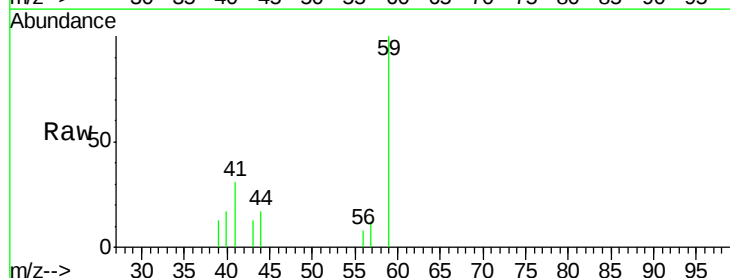
Acq: 3 Jul 2019 19:24

Tgt Ion: 59 Resp: 7022

Ion Ratio Lower Upper

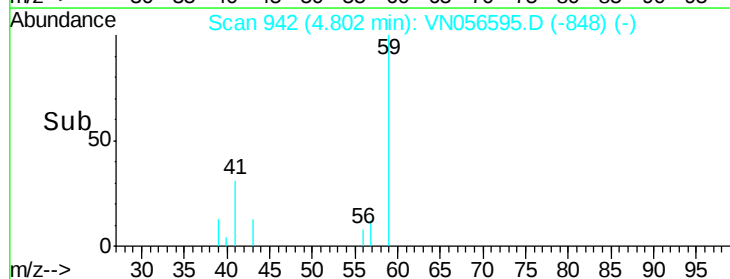
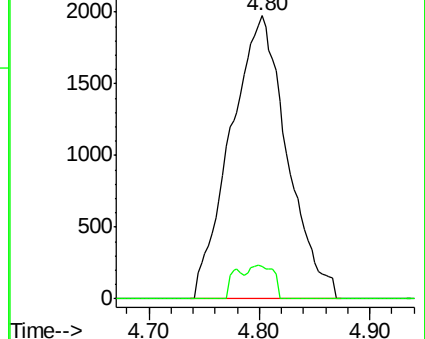
59 100

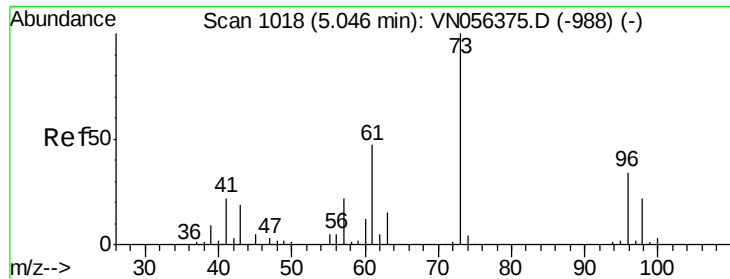
57 5.2 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

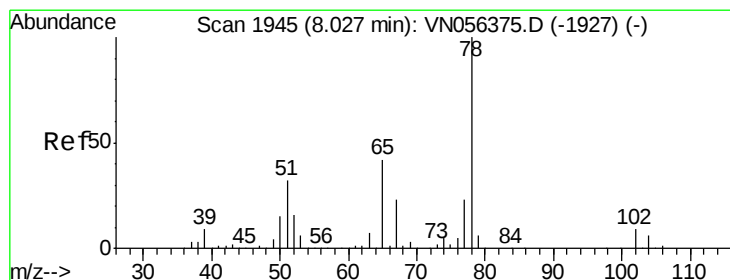
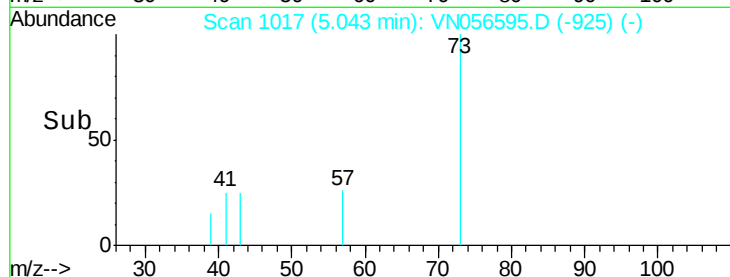
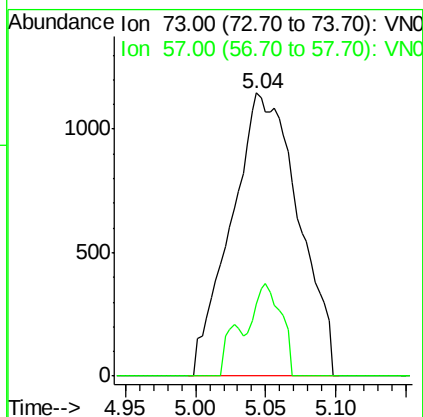
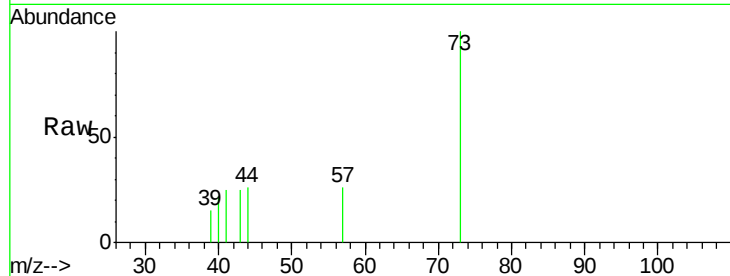




#19
Methvl tert-butvl Ether
Concen: 0.466 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

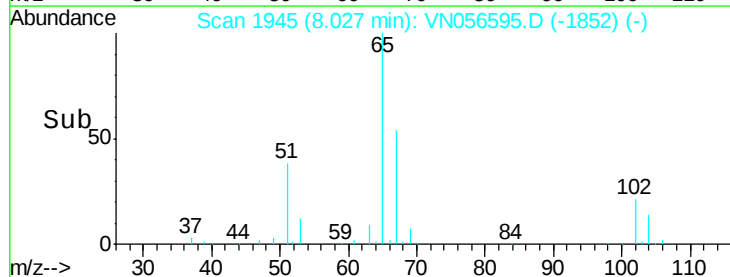
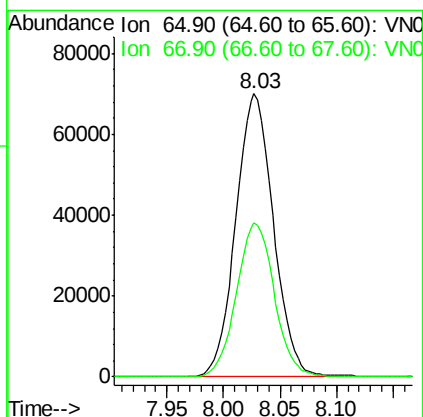
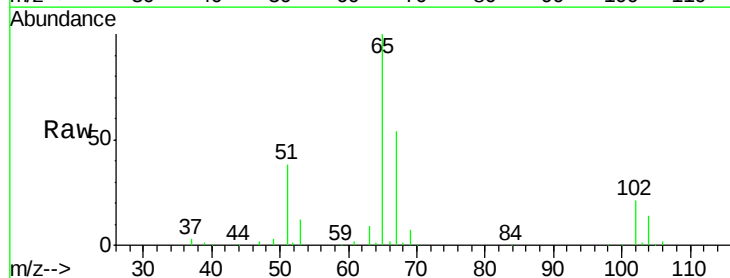
Instrument :
MSVOA_N
ClientSampled :
MW-2RDL

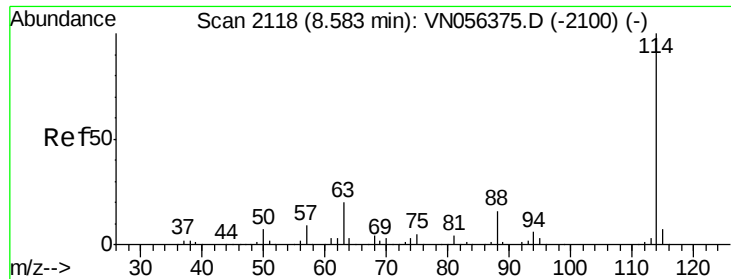
Tot Ion: 73 Resp: 3814
Ion Ratio Lower Upper
73 100
57 25.6 17.9 26.9



#33
1,2-Dichloroethane-d4
Concen: 52.347 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion: 65 Resp: 162311
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0

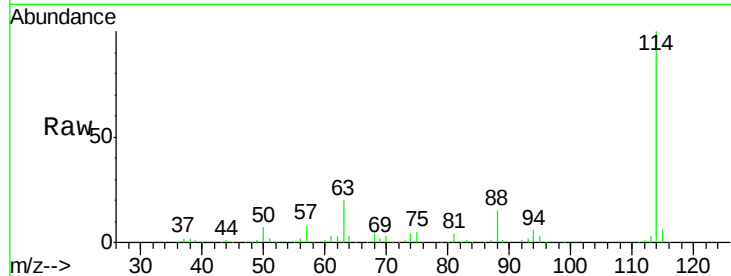




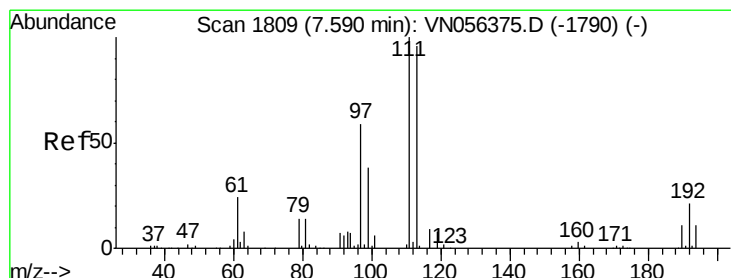
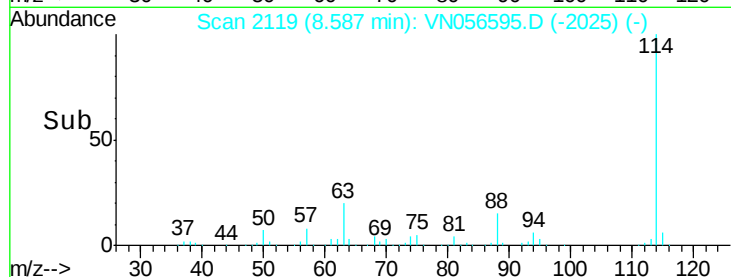
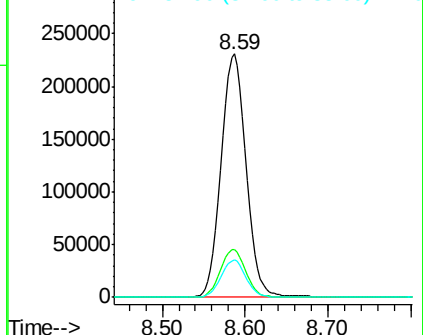
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056595.D
 Acq: 3 Jul 2019 19:24

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2RDL

Tot Ion:114 Resp: 484963
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.4 0.0 31.4

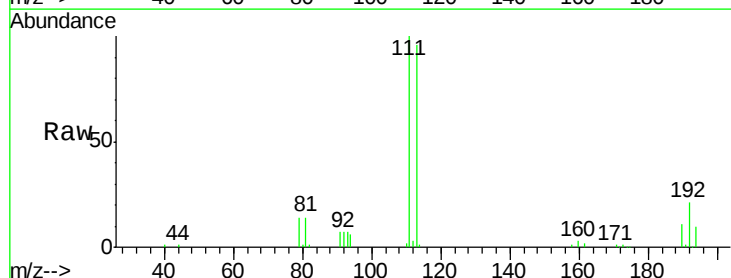


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

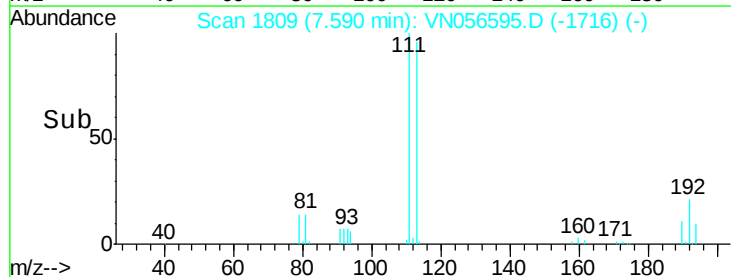
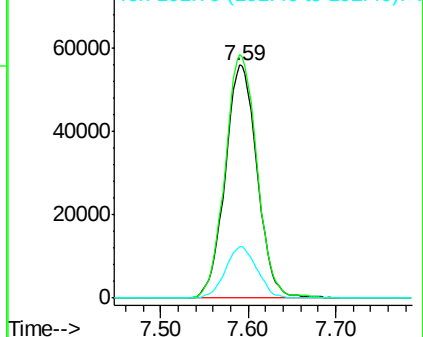


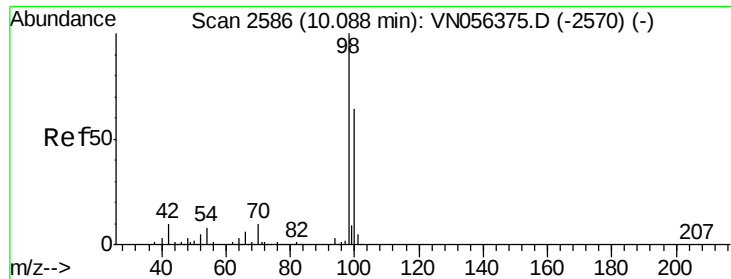
#35
 Dibromofluoromethane
 Concen: 46.791 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056595.D
 Acq: 3 Jul 2019 19:24

Tgt Ion:113 Resp: 141560
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.9 124.3
 192 21.9 17.7 26.5



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: 51.016 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056595.D

Acq: 3 Jul 2019 19:24

Instrument :

MSVOA_N

ClientSampleId :

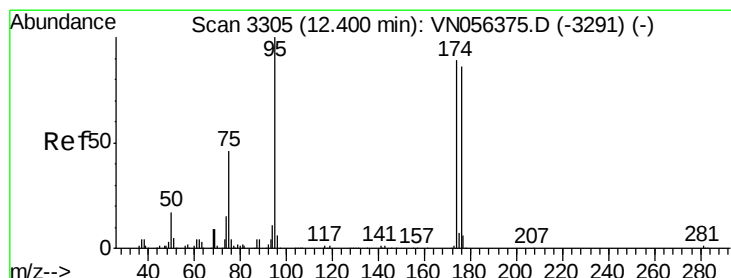
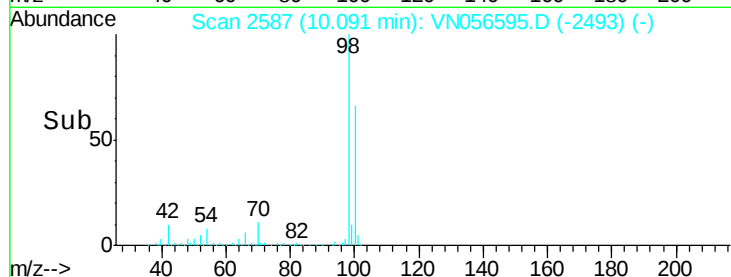
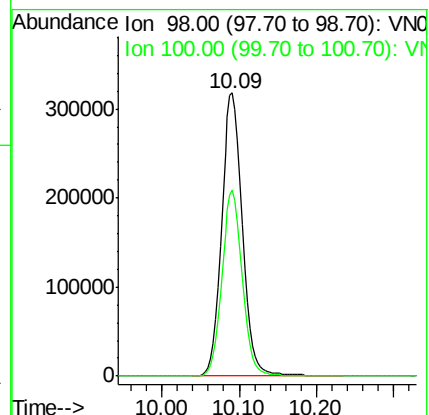
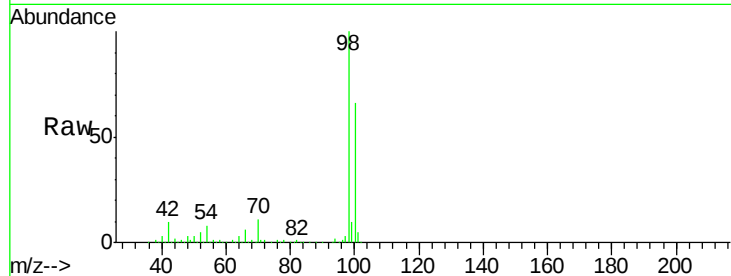
MW-2RDL

Tot Ion: 98 Resp: 600553

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 55.830 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056595.D

Acq: 3 Jul 2019 19:24

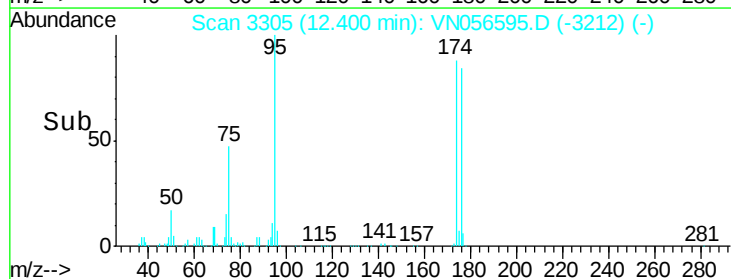
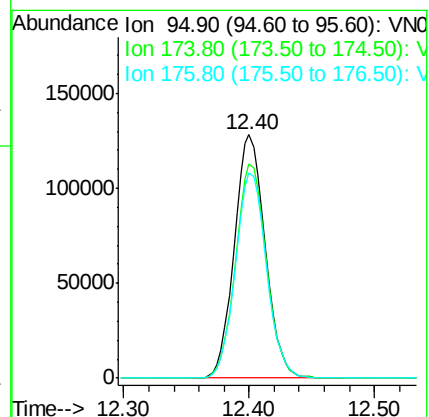
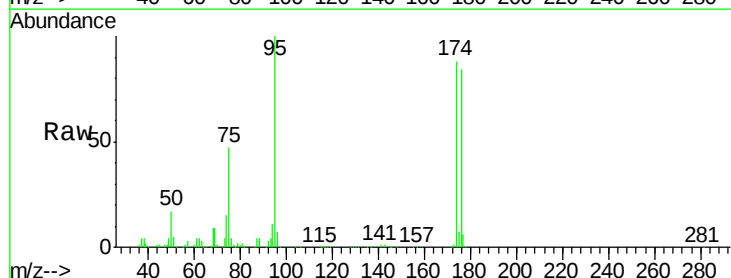
Tgt Ion: 95 Resp: 219094

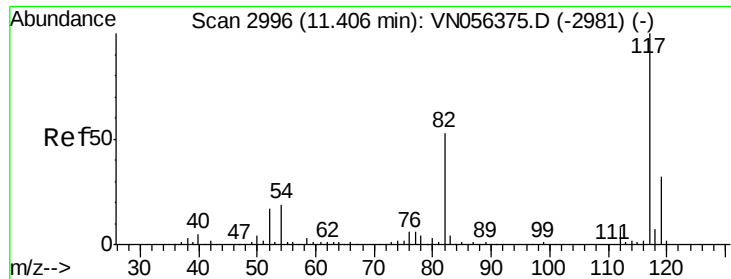
Ion Ratio Lower Upper

95 100

174 88.2 0.0 179.4

176 84.8 0.0 173.4

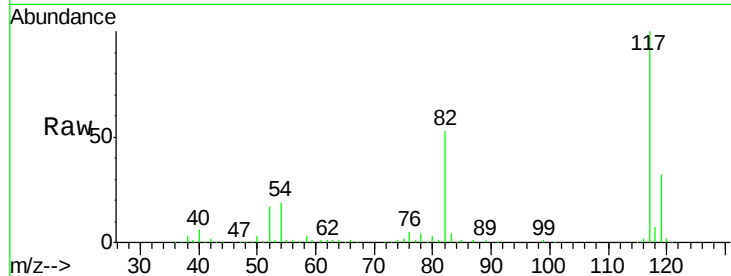




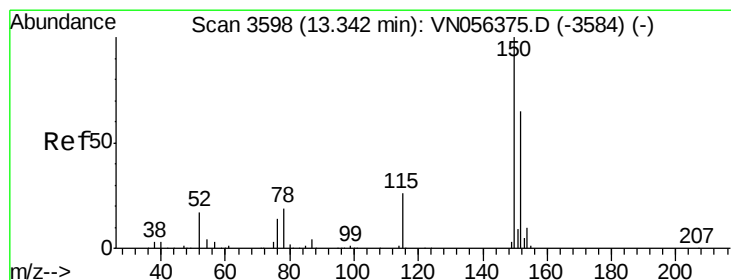
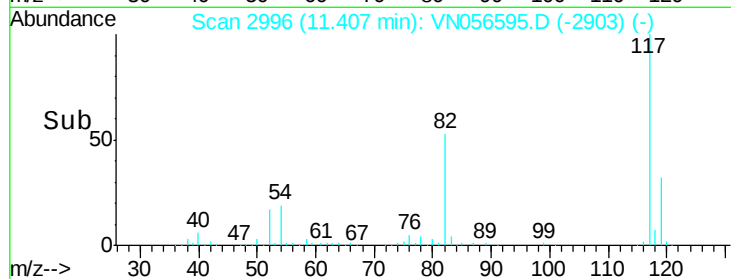
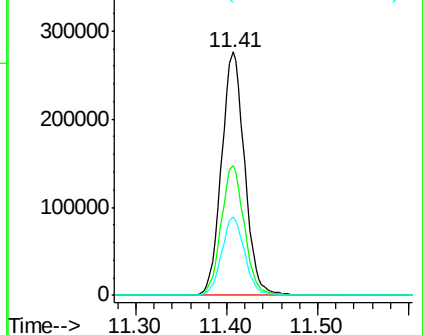
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-2RDL

Tot Ion:117 Resp: 486659
Ion Ratio Lower Upper
117 100
82 53.3 42.0 63.0
119 32.3 25.3 37.9

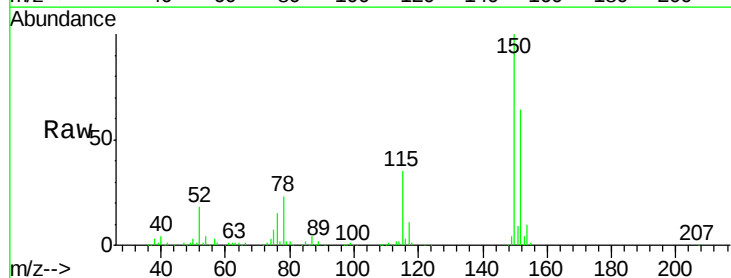


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056595.D
Acq: 3 Jul 2019 19:24

Tgt Ion:152 Resp: 190674
Ion Ratio Lower Upper
152 100
115 55.9 28.1 84.4
150 157.6 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

