

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070419\
 Data File : VN056594.D
 Acq On : 3 Jul 2019 19:01
 Operator : JC/SP
 Sample : K3680-06DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7DL

Quant Time: Jul 12 15:46:52 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

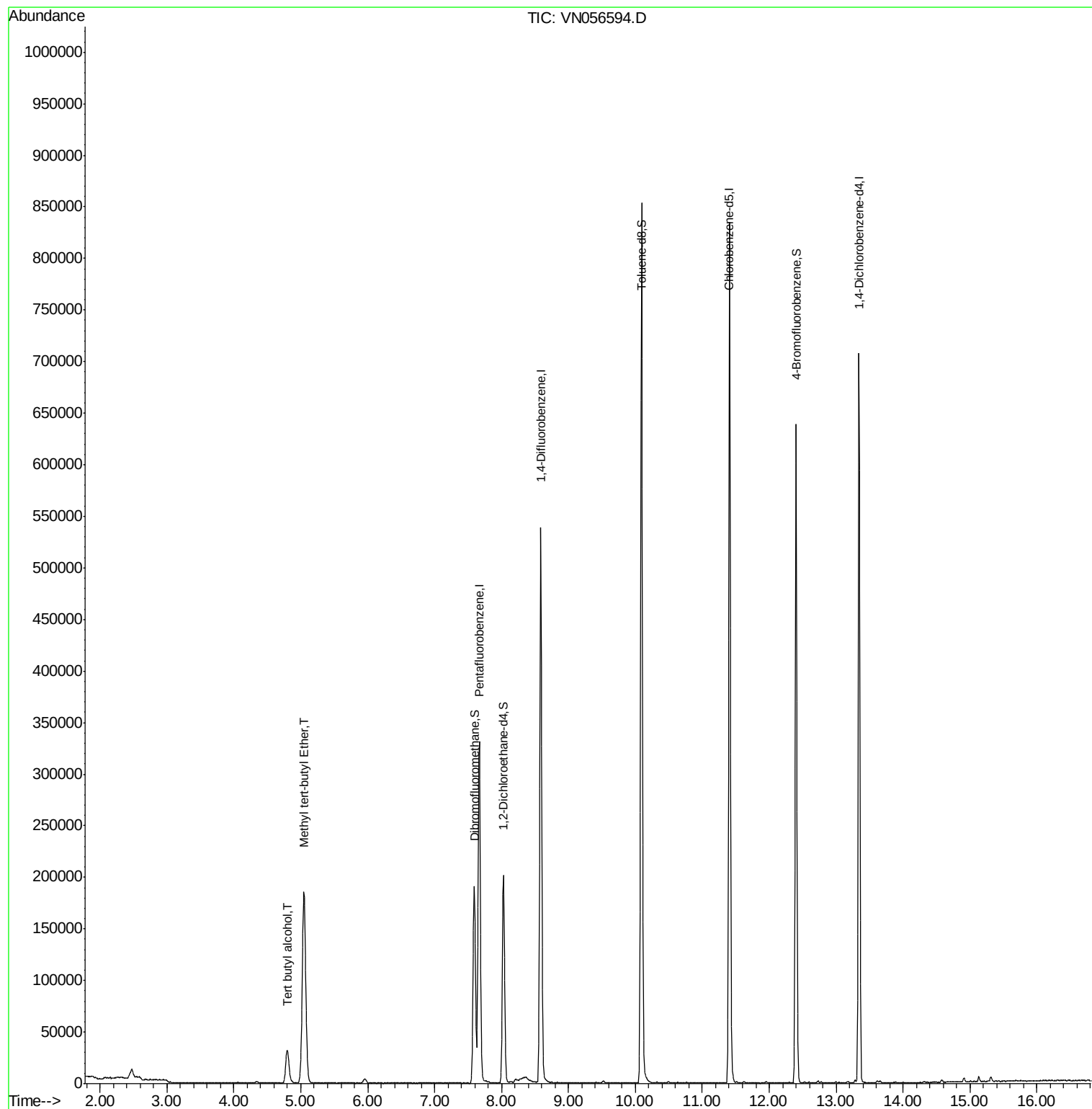
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	293700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	509379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	167908	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
35) Dibromofluoromethane	7.59	113	149115	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
50) Toluene-d8	10.09	98	630304	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.40	95	228272	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.76%	
Target Compounds						
11) Tert butyl alcohol	4.80	59	57390	104.680	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	324128	37.755	ug/l	100

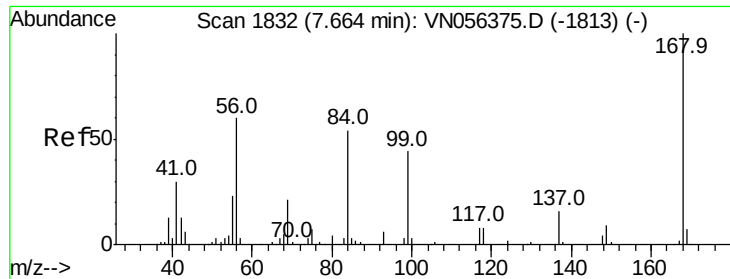
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056594.D

Acq: 3 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampled :

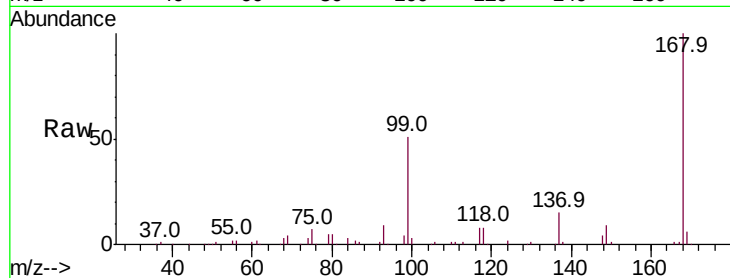
MW-7DL

Tot Ion:168 Resp: 293700

Ion Ratio Lower Upper

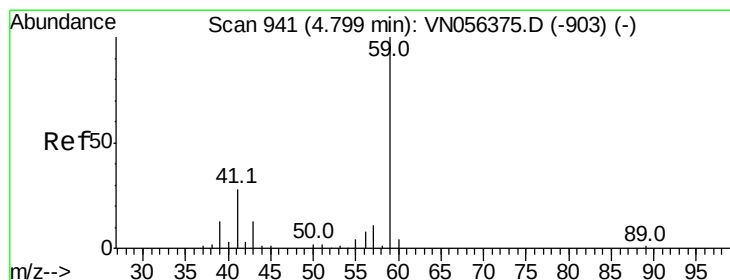
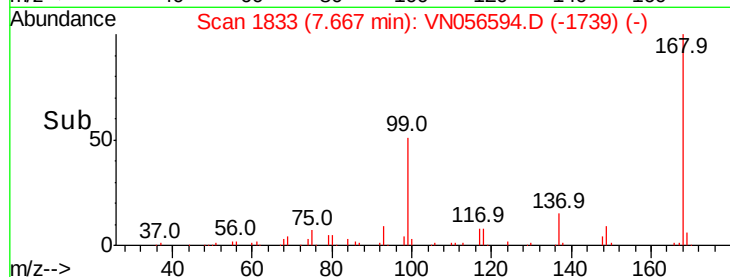
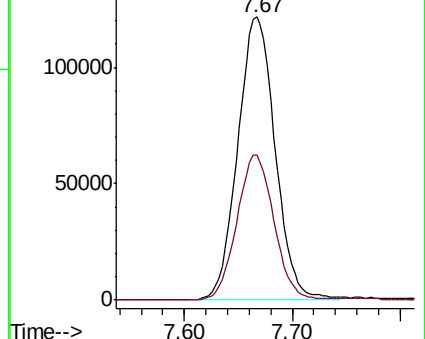
168 100

99 51.4 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: 104.680 ug/l

RT: 4.80 min Scan# 940

Delta R.T. -0.00 min

Lab File: VN056594.D

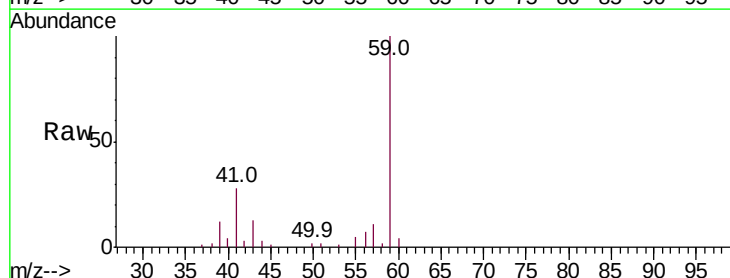
Acq: 3 Jul 2019 19:01

Tgt Ion: 59 Resp: 57390

Ion Ratio Lower Upper

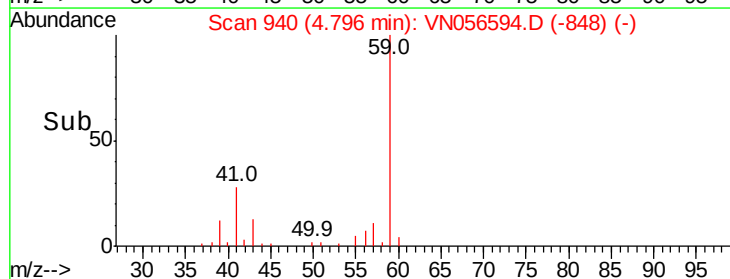
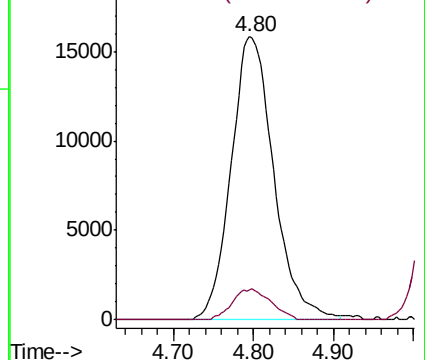
59 100

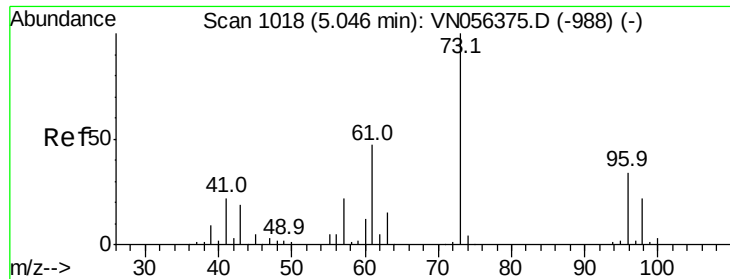
57 9.9 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

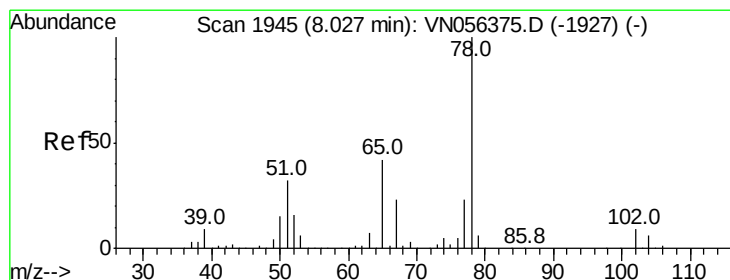
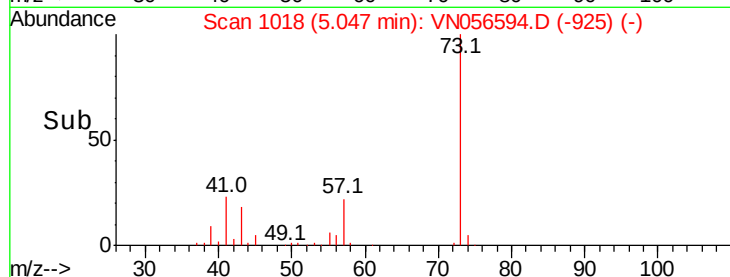
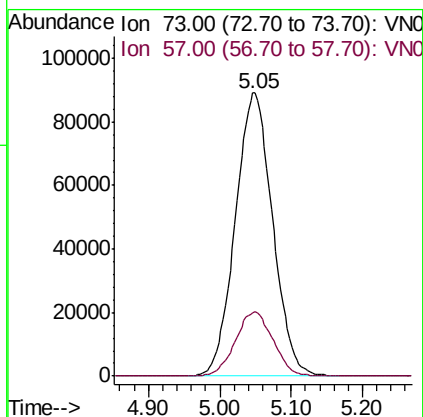
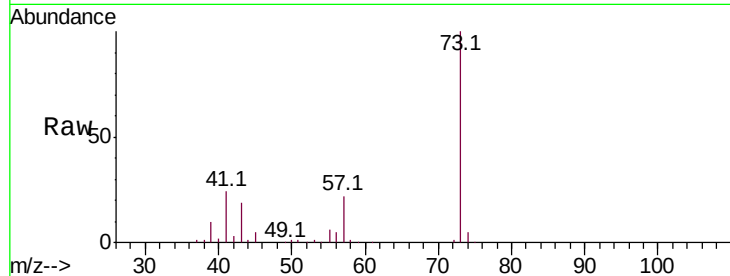




#19
Methyl tert-butyl Ether
Concen: 37.755 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056594.D
Acq: 3 Jul 2019 19:01

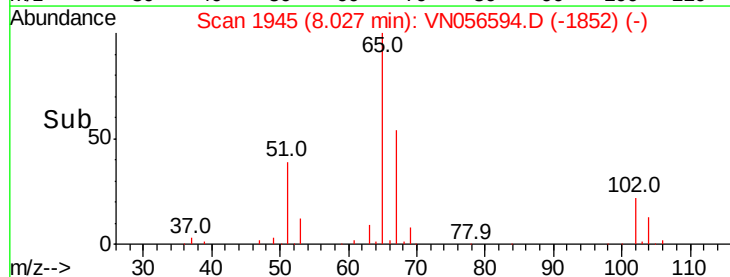
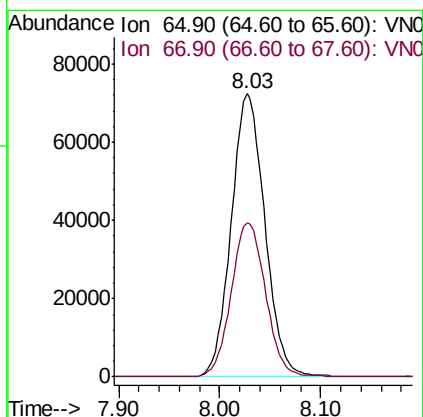
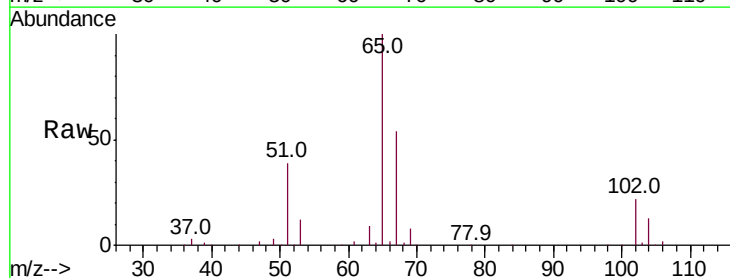
Instrument :
MSVOA_N
ClientSampled :
MW-7DL

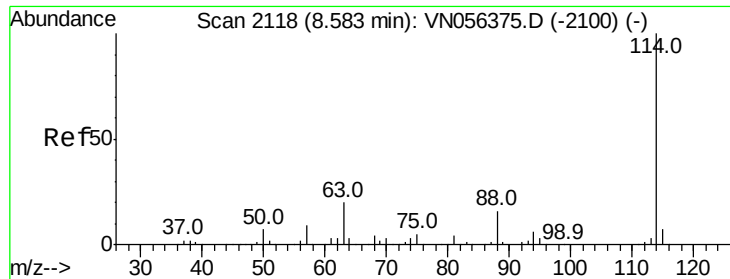
Tot Ion: 73 Resp: 324128
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9



#33
1,2-Dichloroethane-d4
Concen: 51.583 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056594.D
Acq: 3 Jul 2019 19:01

Tgt Ion: 65 Resp: 167908
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.0

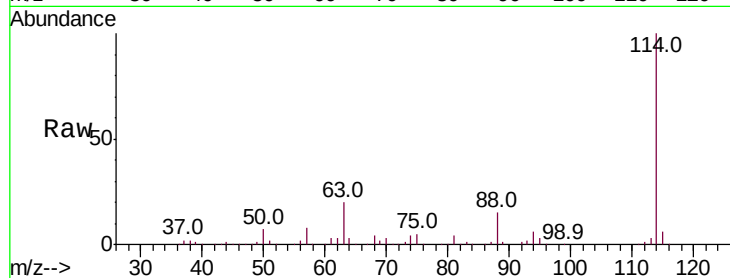




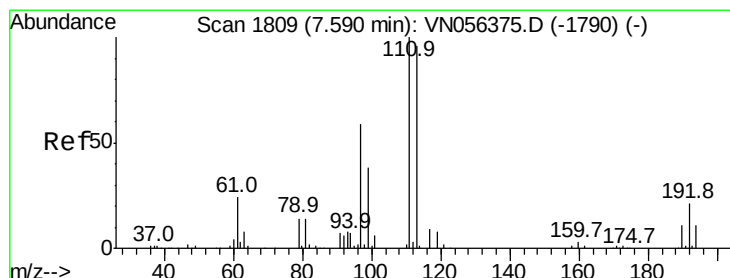
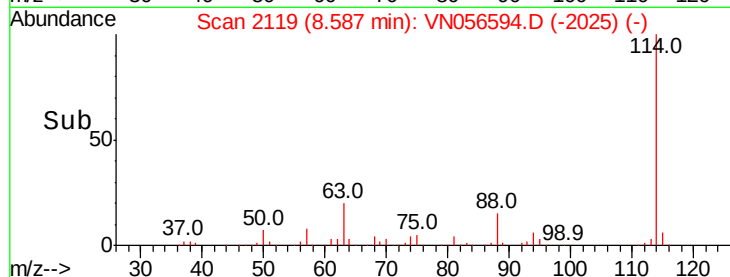
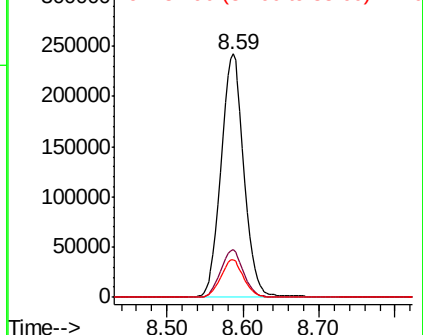
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056594.D
 Acq: 3 Jul 2019 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7DL

Tot Ion:114 Resp: 509379
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.5 0.0 31.4

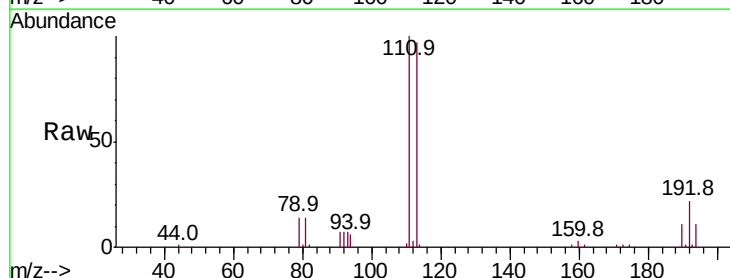


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

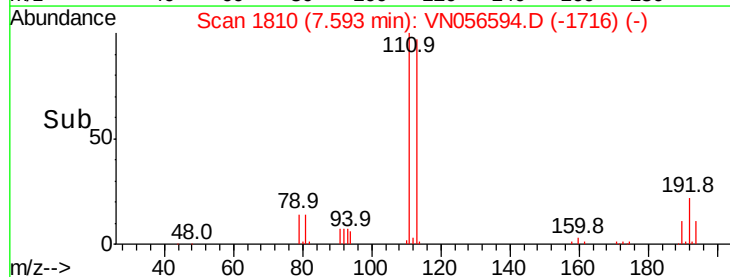
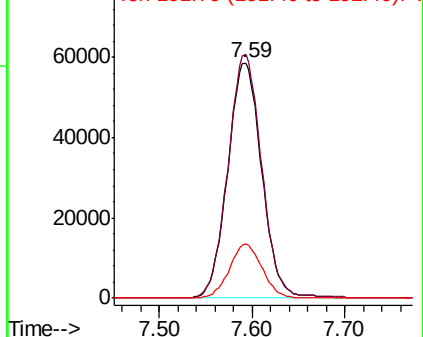


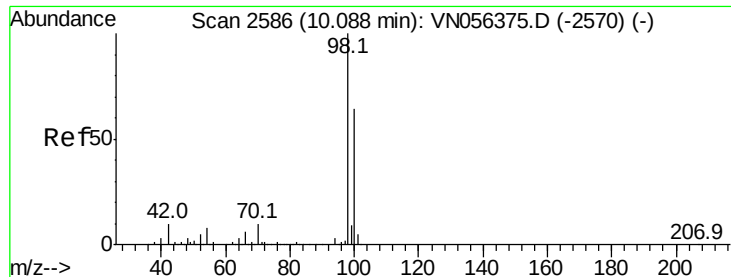
#35
 Dibromofluoromethane
 Concen: 46.926 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056594.D
 Acq: 3 Jul 2019 19:01

Tgt Ion:113 Resp: 149115
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.9 124.3
 192 22.0 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: 50.976 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056594.D

Acq: 3 Jul 2019 19:01

Instrument :

MSVOA_N

ClientSampleId :

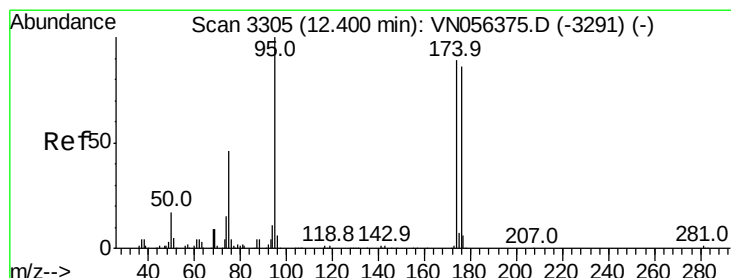
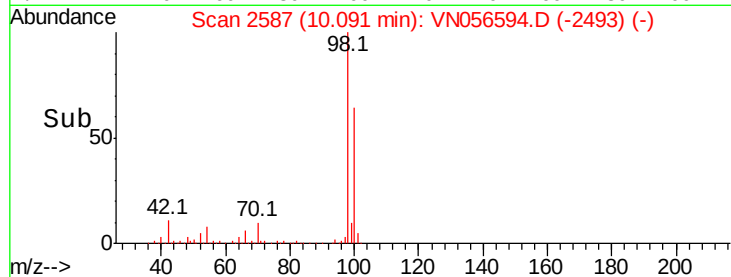
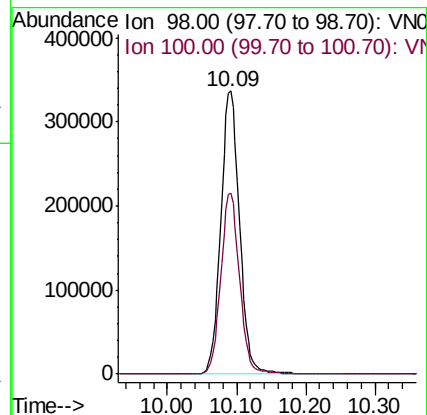
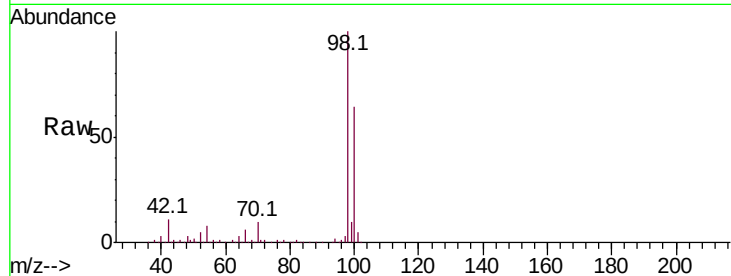
MW-7DL

Tot Ion: 98 Resp: 630304

Ion Ratio Lower Upper

98 100

100 64.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 55.381 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056594.D

Acq: 3 Jul 2019 19:01

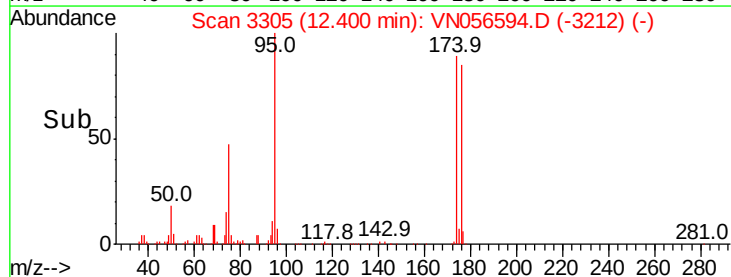
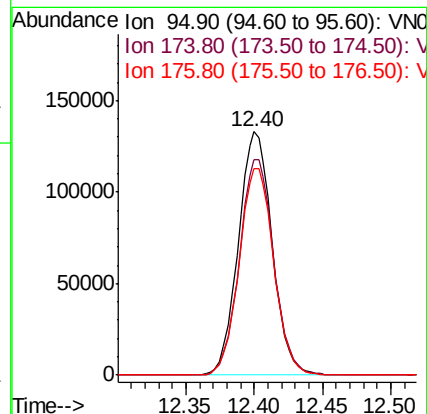
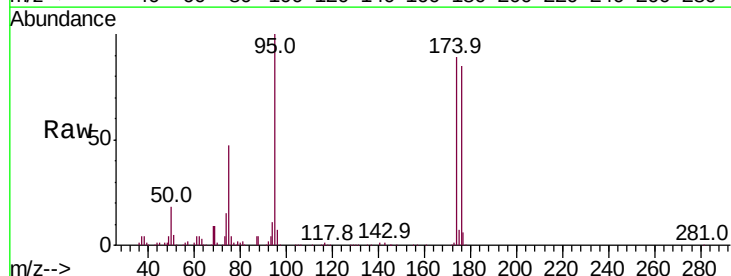
Tgt Ion: 95 Resp: 228272

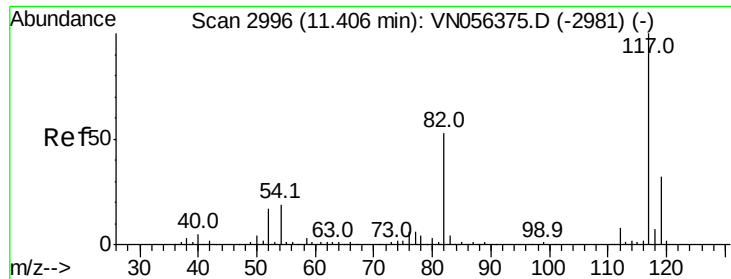
Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.4

176 86.8 0.0 173.4

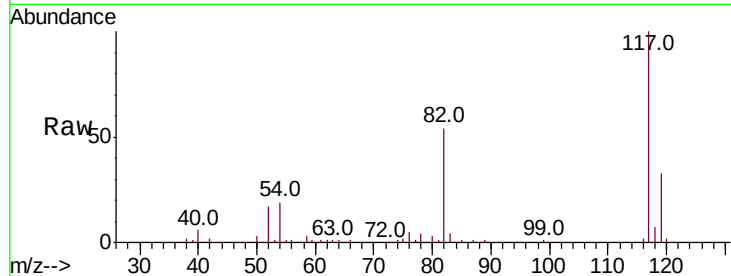




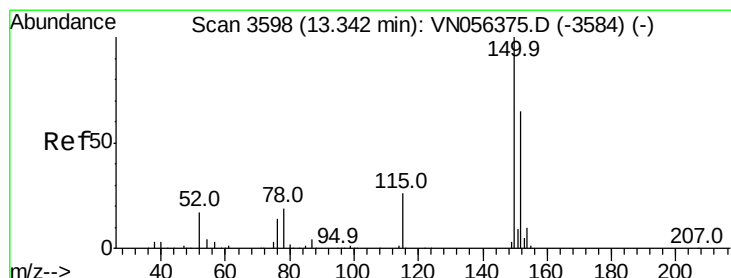
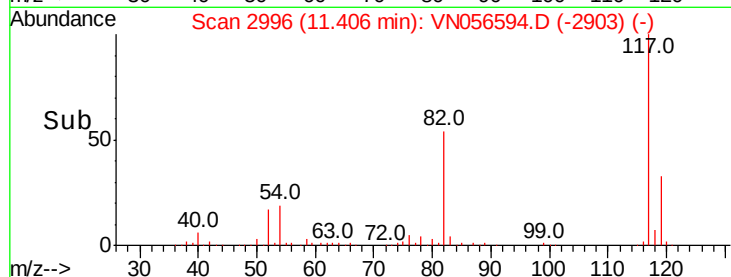
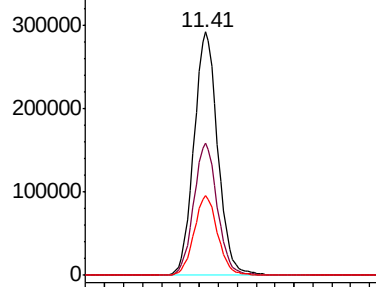
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056594.D
Acq: 3 Jul 2019 19:01

Instrument :
MSVOA_N
ClientSampleId :
MW-7DL

Tot Ion:117 Resp: 510751
Ion Ratio Lower Upper
117 100
82 54.2 42.0 63.0
119 32.6 25.3 37.9

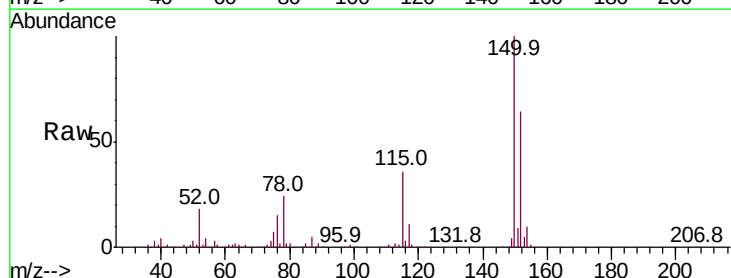


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056594.D
Acq: 3 Jul 2019 19:01

Tgt Ion:152 Resp: 203820
Ion Ratio Lower Upper
152 100
115 55.8 28.1 84.4
150 156.5 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

