

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070419\
 Data File : VN056602.D
 Acq On : 3 Jul 2019 22:07
 Operator : JC/SP
 Sample : K3680-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2R

Quant Time: Jul 03 23:58:09 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

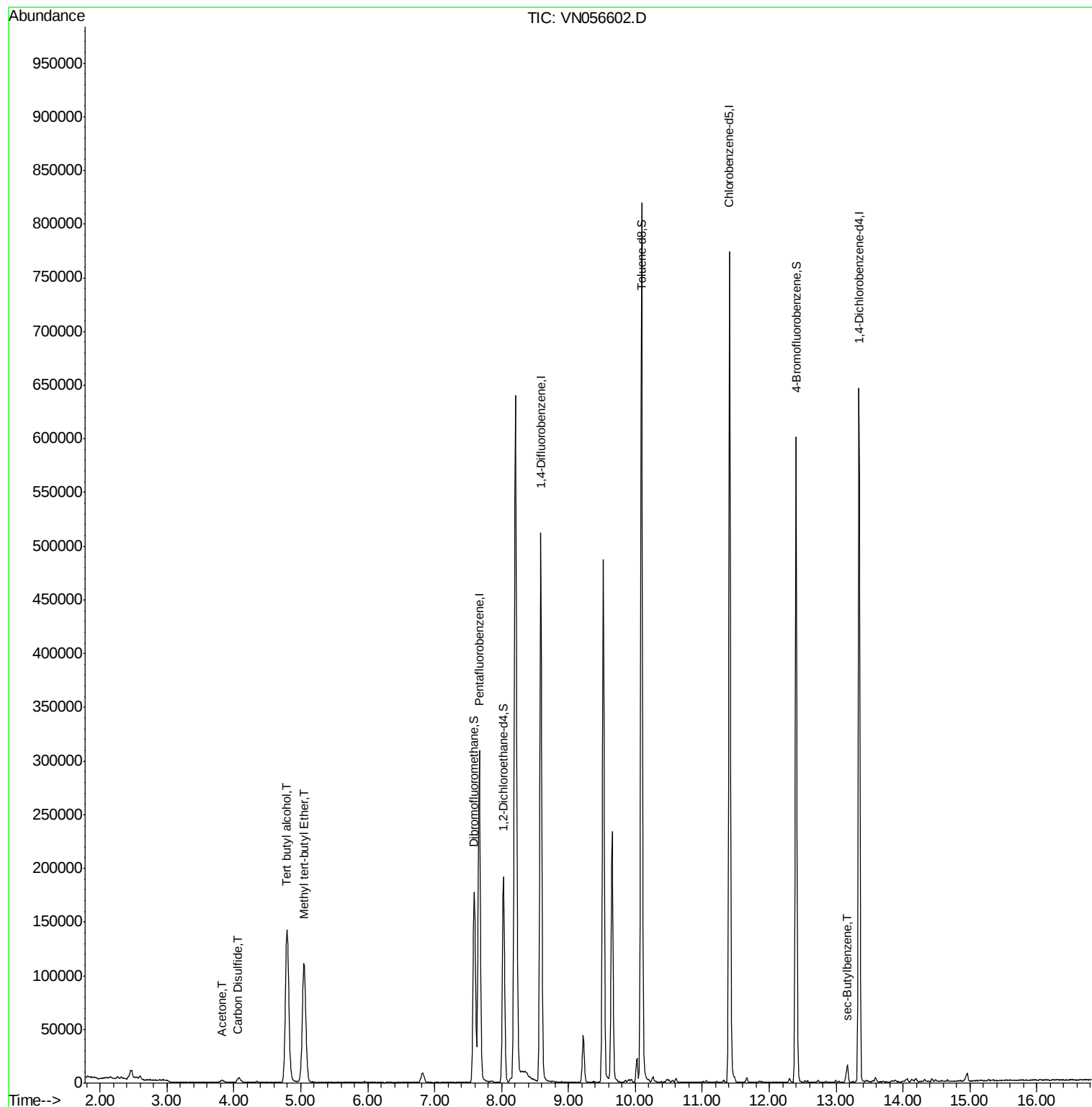
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	274376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	478756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	484518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	189102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	160572	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
35) Dibromofluoromethane	7.59	113	140069	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
50) Toluene-d8	10.09	98	600801	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.40	95	213822	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.80	59	262800	513.110	ug/l	98
16) Acetone	3.82	43	4026	2.643	ug/l	98
17) Carbon Disulfide	4.05	76	3183	0.577	ug/l #	92
19) Methyl tert-butyl Ether	5.05	73	196511	24.502	ug/l	99
85) sec-Butylbenzene	13.17	105	10774	0.708	ug/l #	69

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

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056602.D

Acq: 3 Jul 2019 22:07

Instrument :

MSVOA_N

ClientSampled :

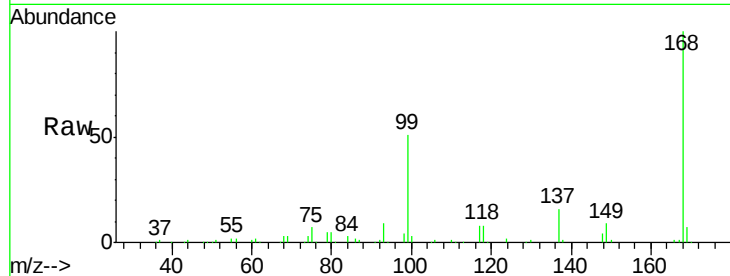
MW-2R

Tot Ion:168 Resp: 274376

Ion Ratio Lower Upper

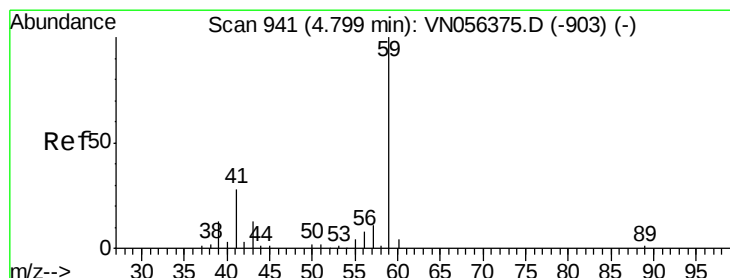
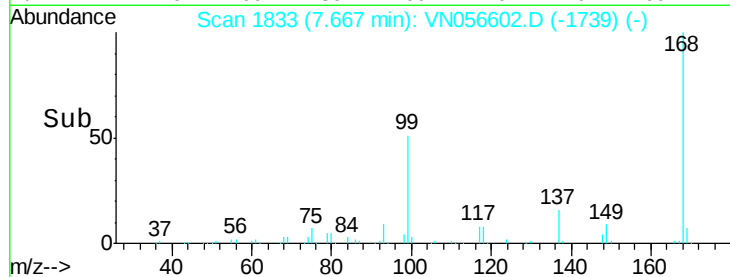
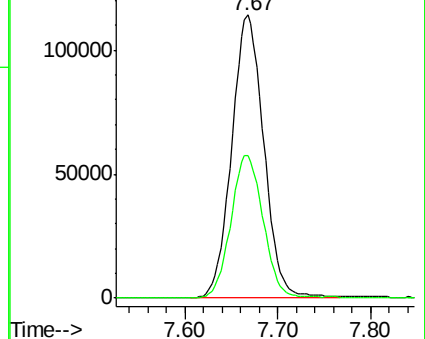
168 100

99 50.5 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: 513.110 ug/l

RT: 4.80 min Scan# 940

Delta R.T. -0.00 min

Lab File: VN056602.D

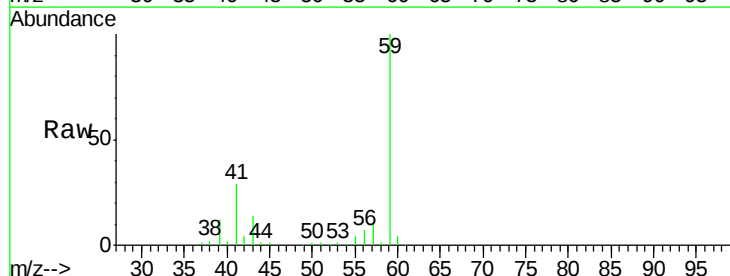
Acq: 3 Jul 2019 22:07

Tgt Ion: 59 Resp: 262800

Ion Ratio Lower Upper

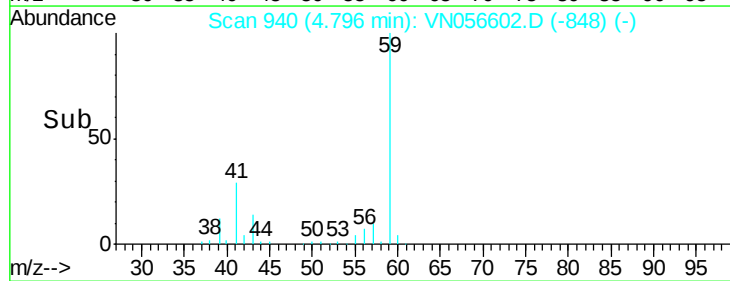
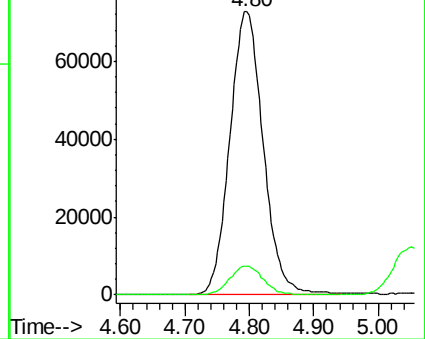
59 100

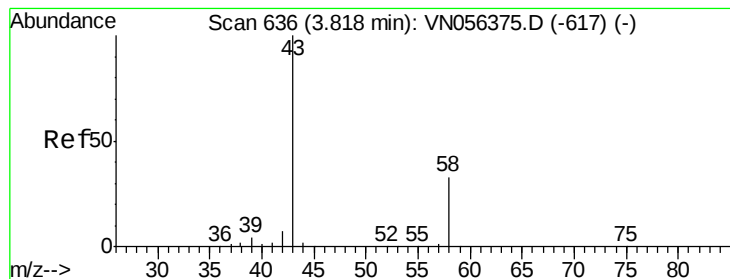
57 10.2 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 2.643 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056602.D

Acq: 3 Jul 2019 22:07

Instrument :

MSVOA_N

ClientSampled :

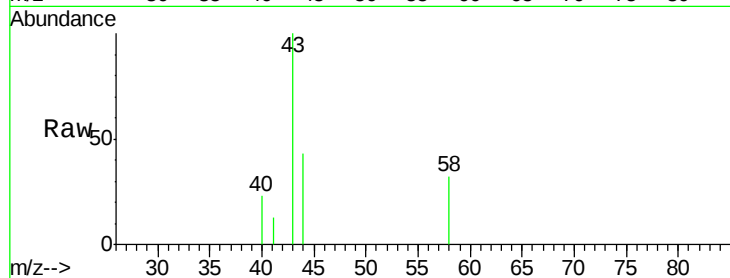
MW-2R

Tot Ion: 43 Resp: 4026

Ion Ratio Lower Upper

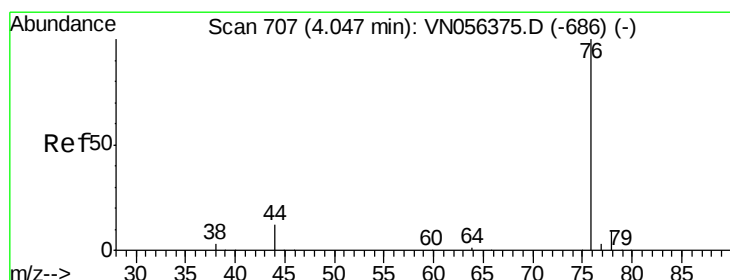
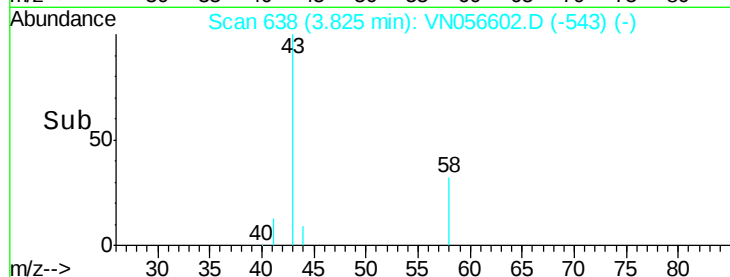
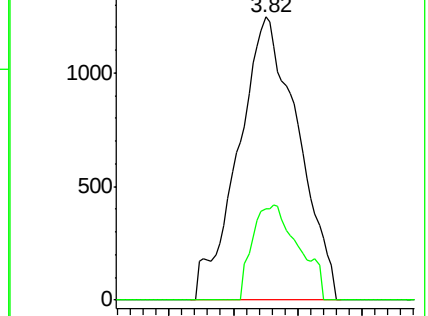
43 100

58 32.1 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.577 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN056602.D

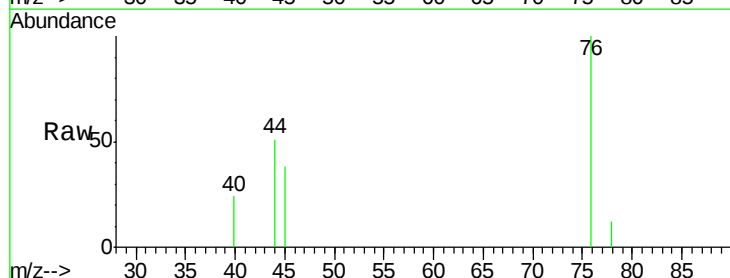
Acq: 3 Jul 2019 22:07

Tgt Ion: 76 Resp: 3183

Ion Ratio Lower Upper

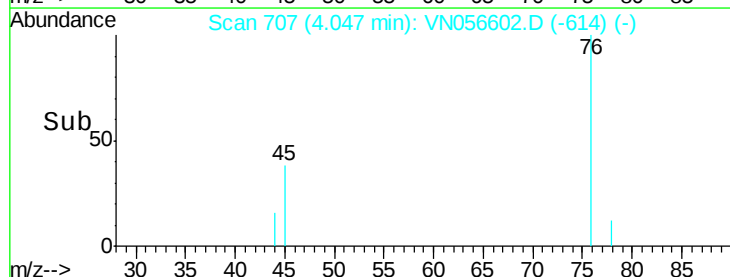
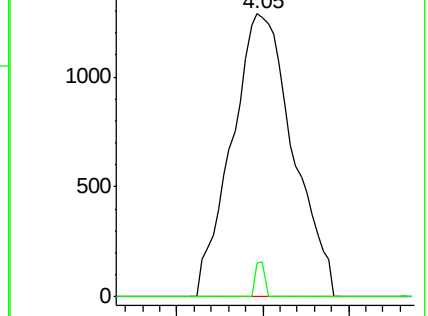
76 100

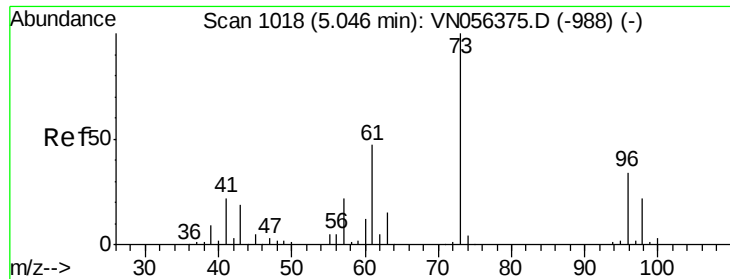
78 11.7 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

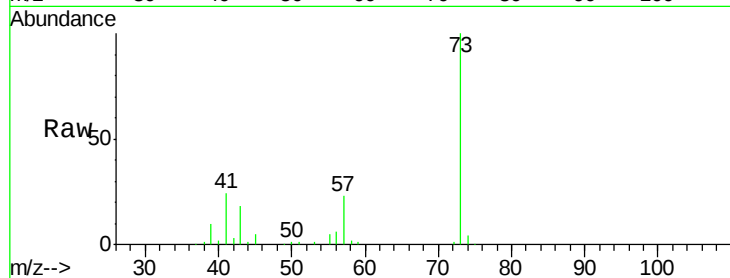




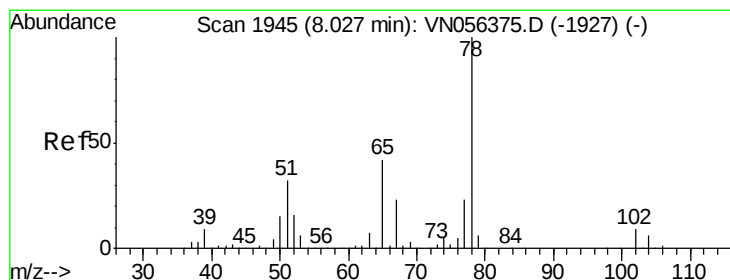
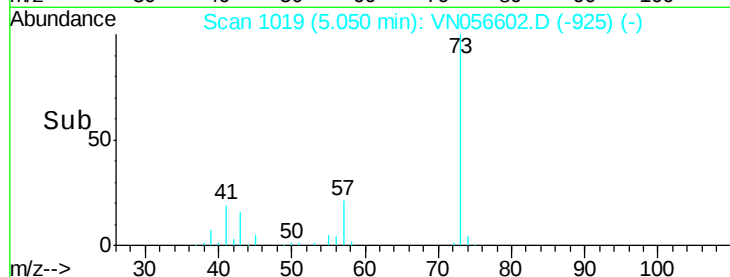
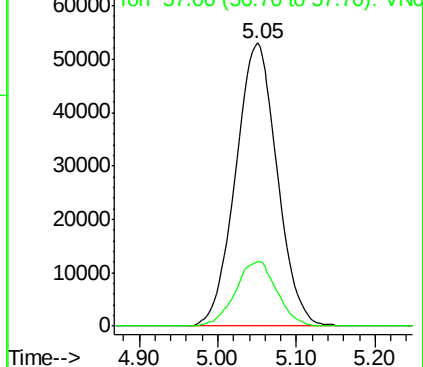
#19
Methvl tert-butvl Ether
Concen: 24.502 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056602.D
Acq: 3 Jul 2019 22:07

Instrument :
MSVOA_N
ClientSampleId :
MW-2R

Tot Ion: 73 Resp: 196511
Ion Ratio Lower Upper
73 100
57 22.9 17.9 26.9

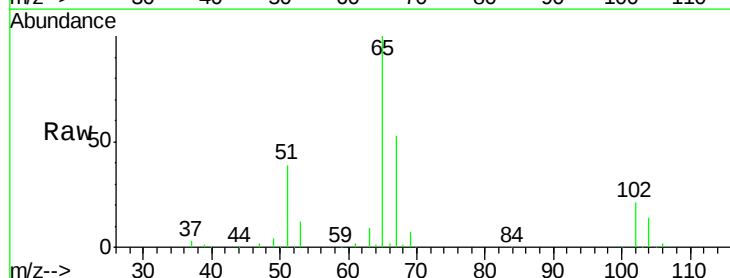


Abundance Ion 73.00 (72.70 to 73.70): VN056375.D (-988) (-)
Ion 57.00 (56.70 to 57.70): VN056375.D (-988) (-)

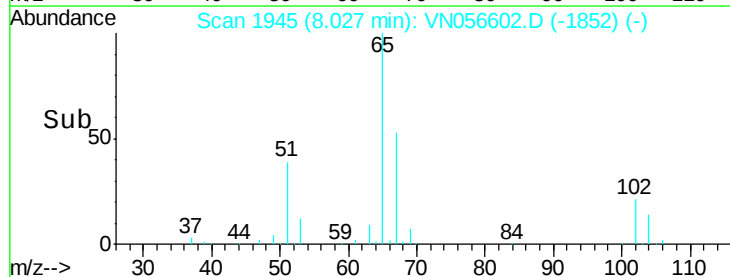
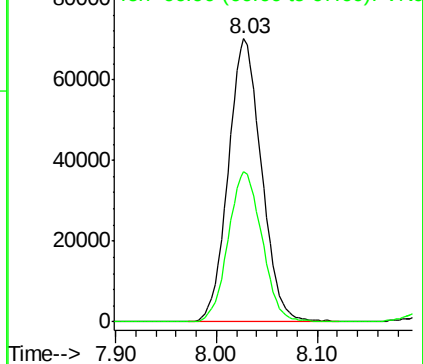


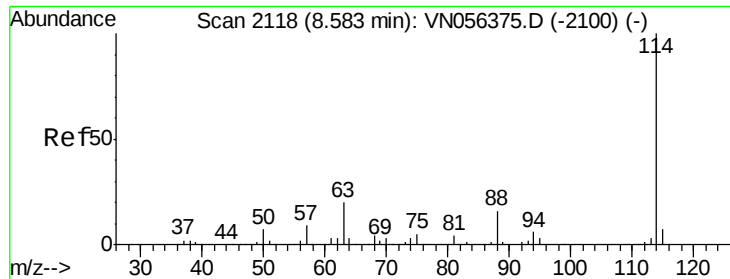
#33
1,2-Dichloroethane-d4
Concen: 52.804 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056602.D
Acq: 3 Jul 2019 22:07

Tgt Ion: 65 Resp: 160572
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056375.D (-1927) (-)
Ion 66.90 (66.60 to 67.60): VN056375.D (-1927) (-)

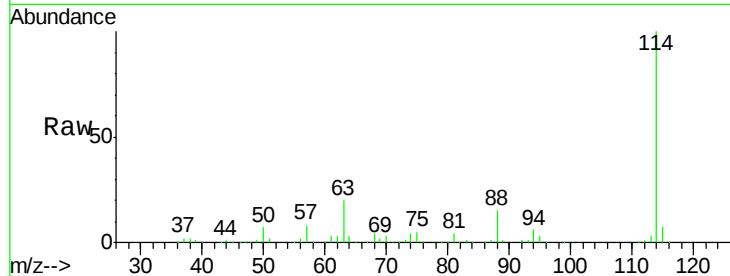




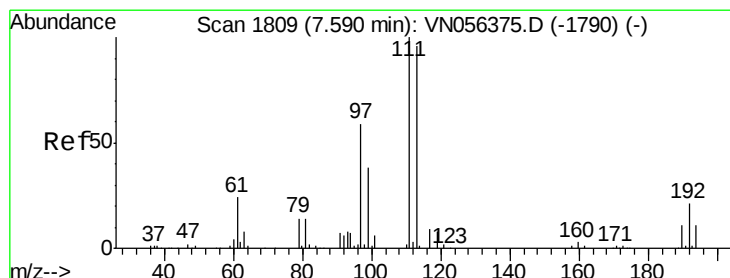
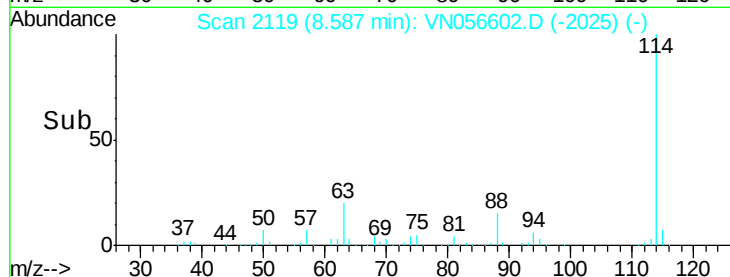
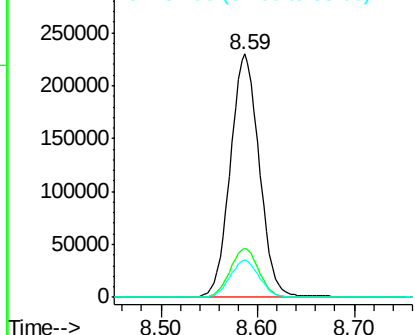
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056602.D
Acq: 3 Jul 2019 22:07

Instrument :
MSVOA_N
ClientSampleId :
MW-2R

Tot Ion:114 Resp: 478756
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 15.2 0.0 31.4

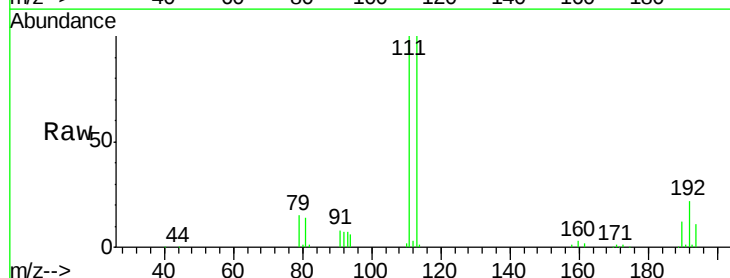


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

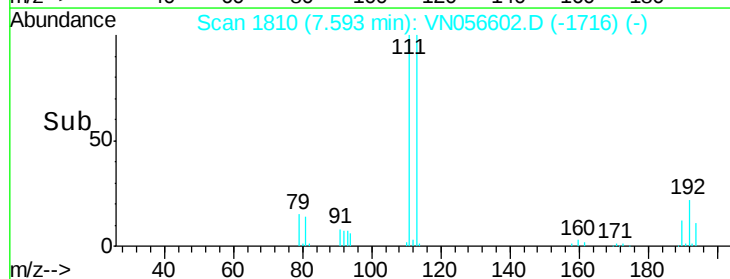
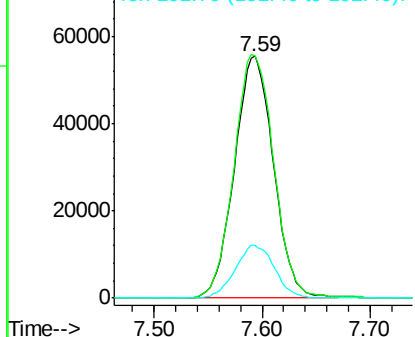


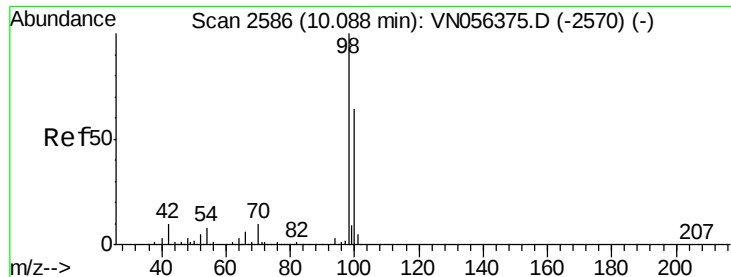
#35
Dibromofluoromethane
Concen: 46.898 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN056602.D
Acq: 3 Jul 2019 22:07

Tgt Ion:113 Resp: 140069
Ion Ratio Lower Upper
113 100
111 102.1 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: 51.698 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056602.D

Acq: 3 Jul 2019 22:07

Instrument :

MSVOA_N

ClientSampleId :

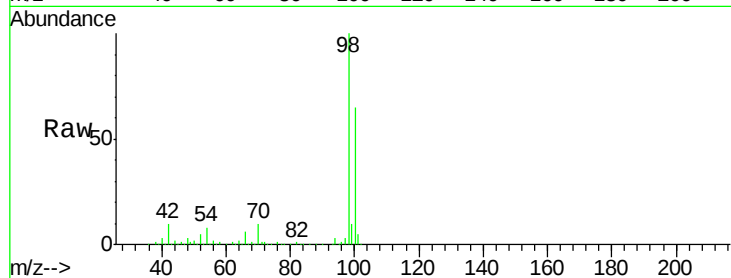
MW-2R

Tot Ion: 98 Resp: 600801

Ion Ratio Lower Upper

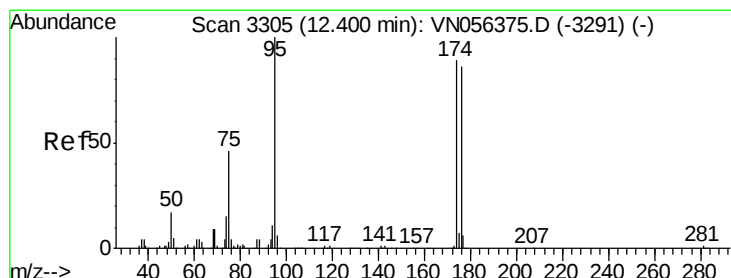
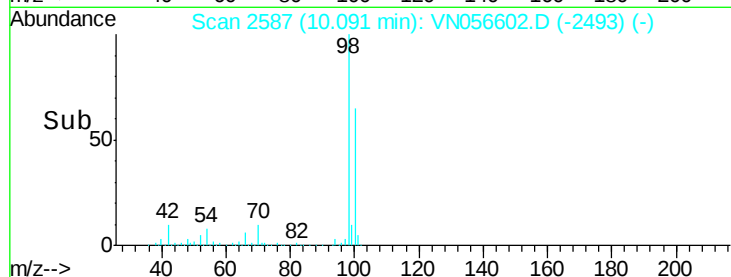
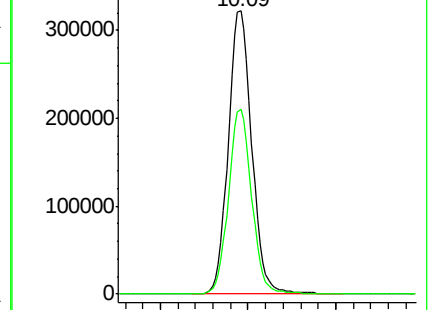
98 100

100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN056375.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056375.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 55.193 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056602.D

Acq: 3 Jul 2019 22:07

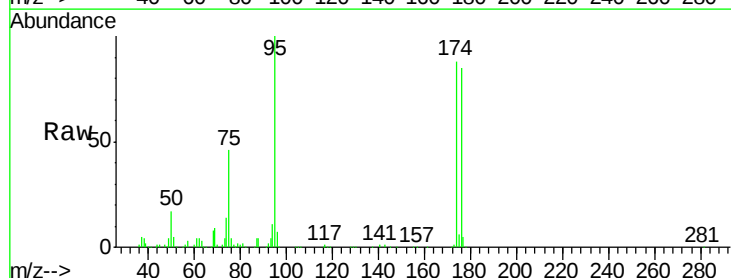
Tgt Ion: 95 Resp: 213822

Ion Ratio Lower Upper

95 100

174 90.1 0.0 179.4

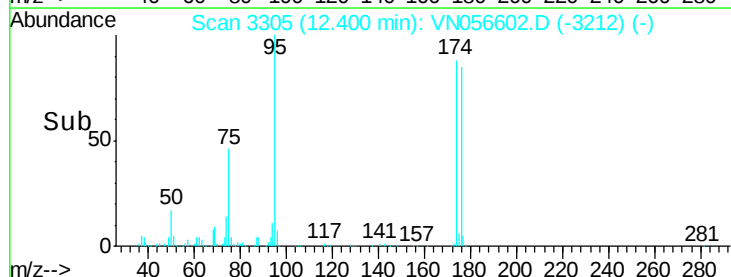
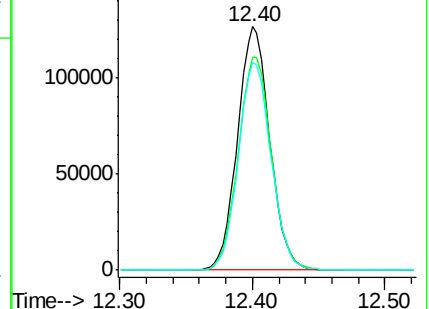
176 86.5 0.0 173.4

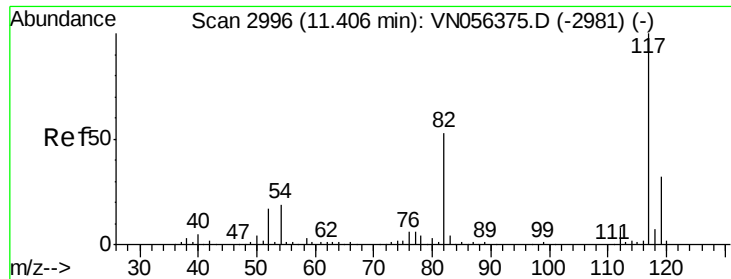


Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)

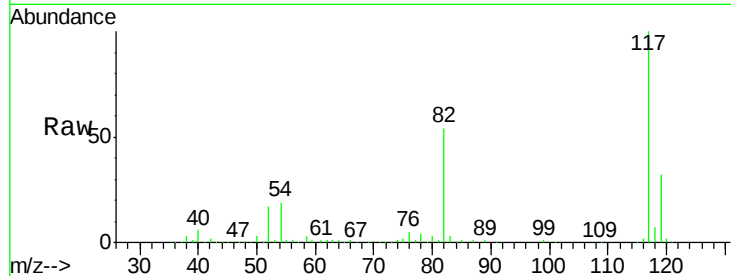




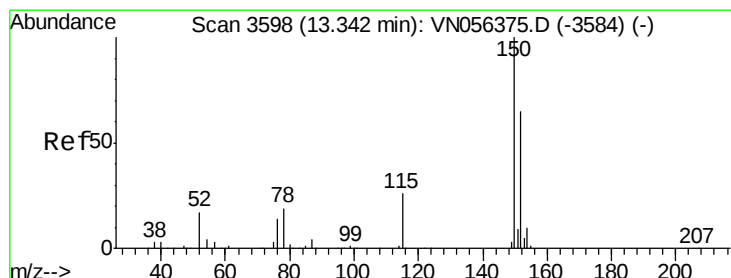
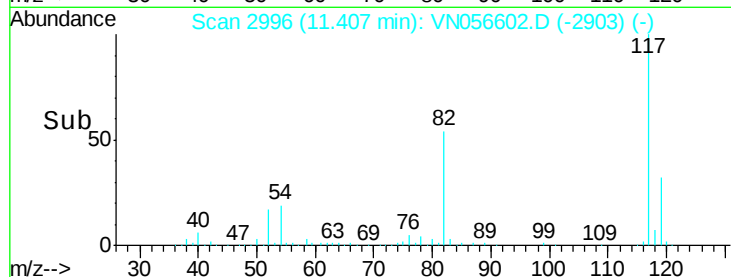
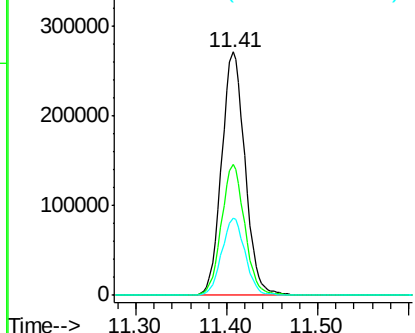
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056602.D
Acq: 3 Jul 2019 22:07

Instrument :
MSVOA_N
ClientSampled :
MW-2R

Tot Ion:117 Resp: 484518
Ion Ratio Lower Upper
117 100
82 53.6 42.0 63.0
119 31.7 25.3 37.9

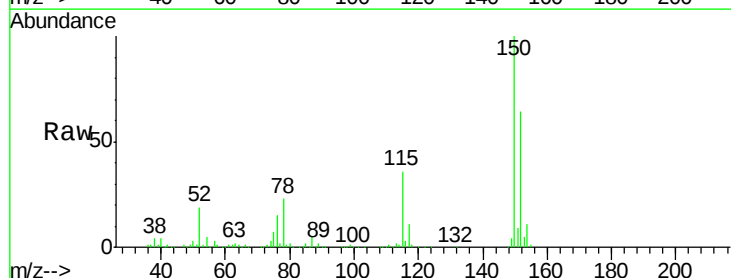


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

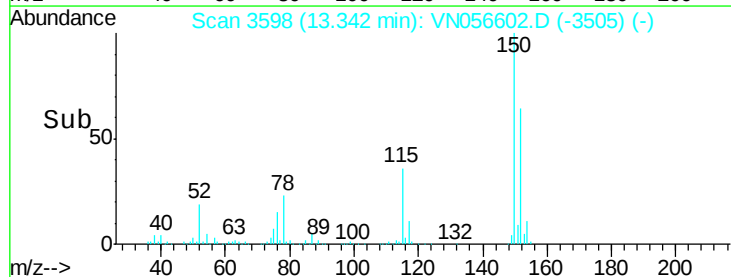
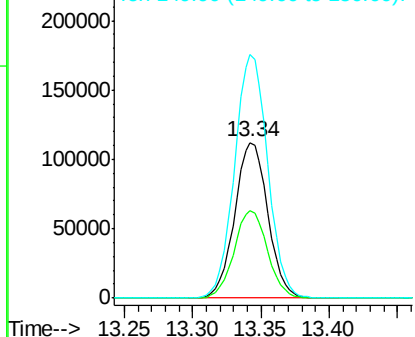


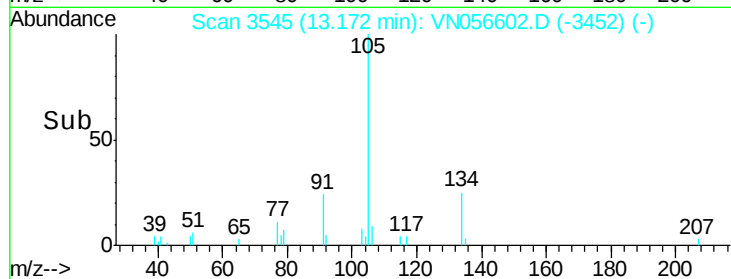
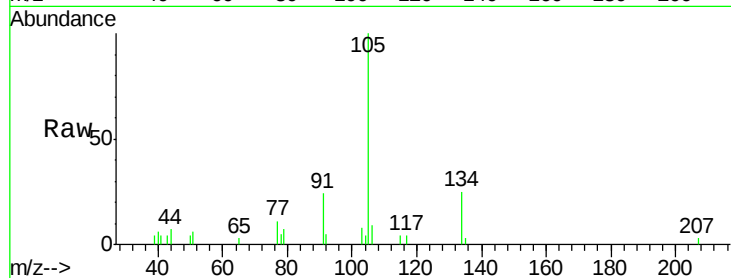
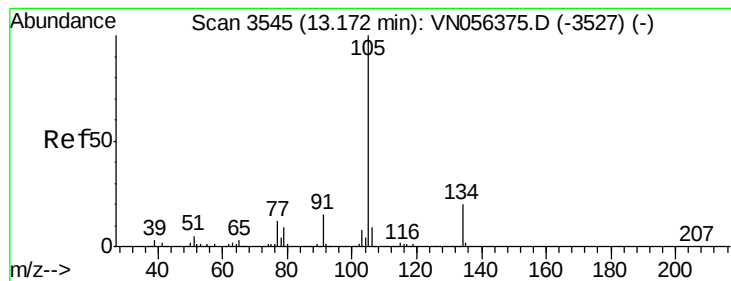
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056602.D
Acq: 3 Jul 2019 22:07

Tgt Ion:152 Resp: 189102
Ion Ratio Lower Upper
152 100
115 56.5 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





#85

sec-Butylbenzene

Concen: 0.708 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056602.D

Acq: 3 Jul 2019 22:07

Instrument :

MSVOA_N

ClientSampleId :

MW-2R

Tot Ion:105 Resp: 10774

Ion Ratio Lower Upper

105 100

134 34.5 10.2 30.4#

