

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064719.D
 Acq On : 18 Nov 2020 20:12
 Operator : JC/MD
 Sample : L4783-19 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1D

Quant Time: Nov 19 02:47:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

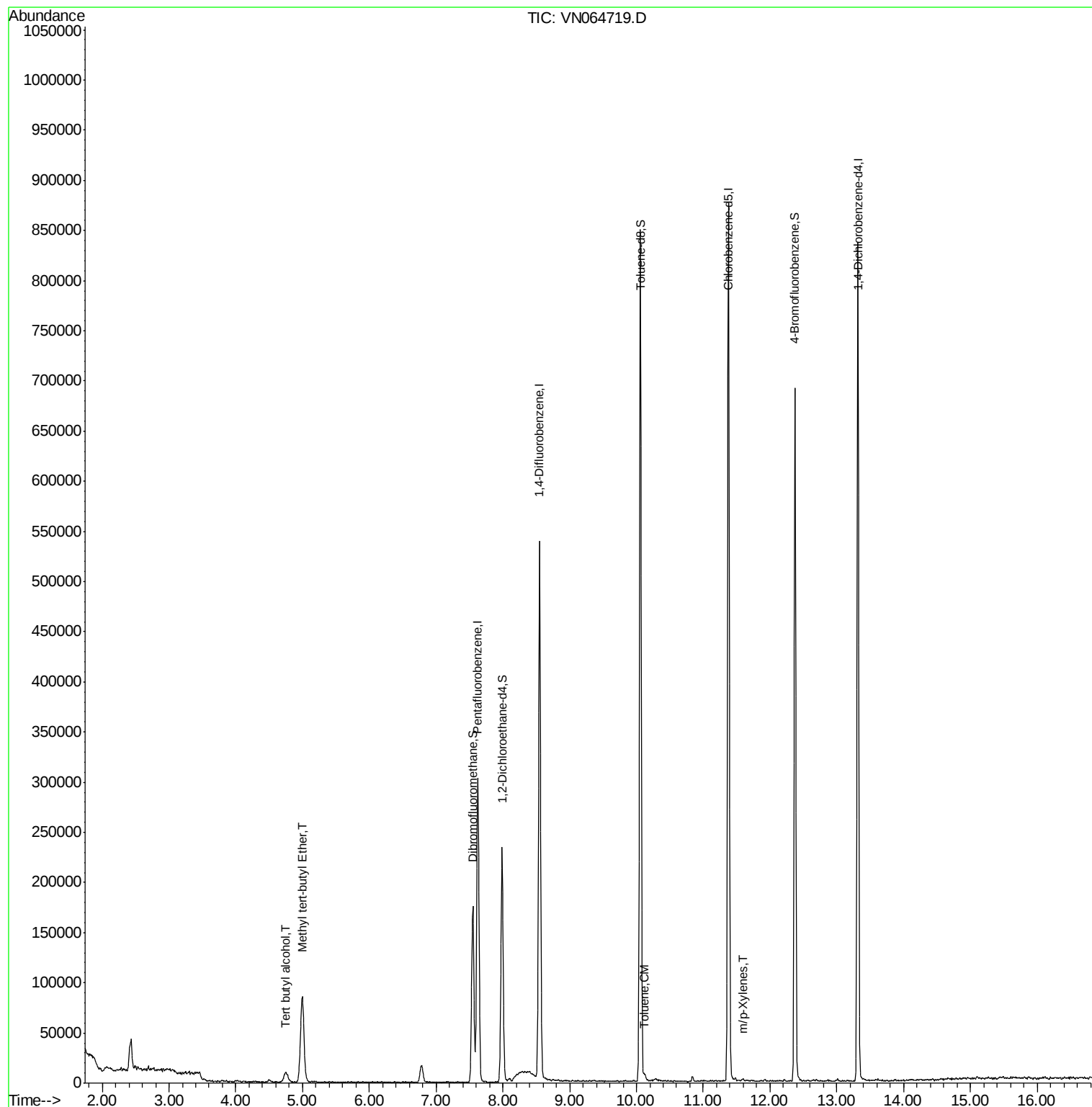
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	213482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	466081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	195318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	207469	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
35) Dibromofluoromethane	7.55	113	128089	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
50) Toluene-d8	10.06	98	568032	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.37	95	232112	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
Target Compounds						
11) Tert butyl alcohol	4.75	59	15758	43.250	ug/l	95
19) Methyl tert-butyl Ether	5.00	73	137972	17.965	ug/l	99
52) Toluene	10.13	92	2418	0.312	ug/l	92
68) m/p-Xylenes	11.60	106	754	4.164	ug/l	90

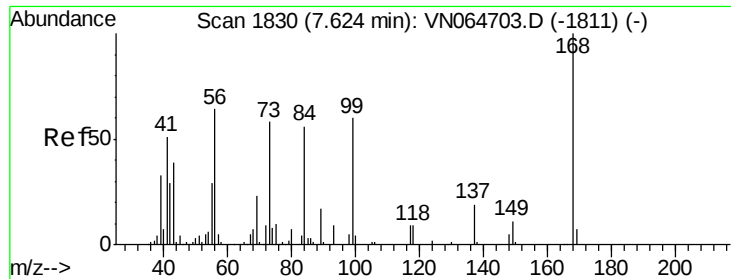
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064719.D

Acq: 18 Nov 2020 20:12

Instrument :

MSVOA_N

ClientSampleId :

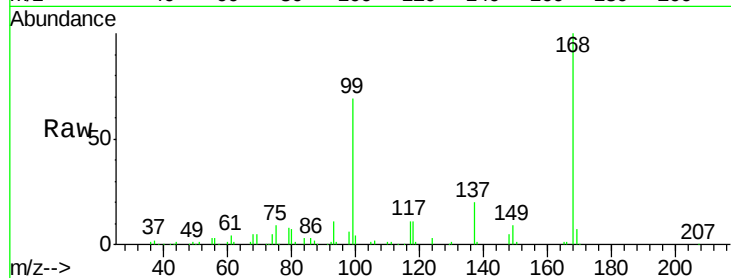
MW-1D

Tot Ion:168 Resp: 213482

Ion Ratio Lower Upper

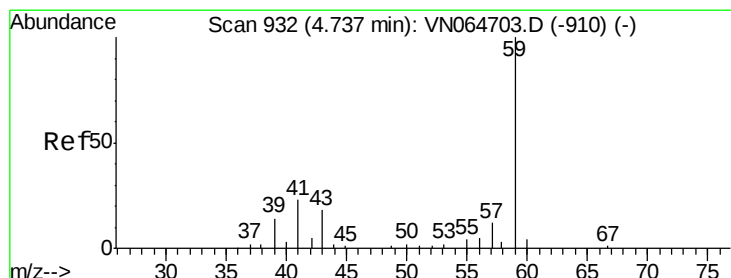
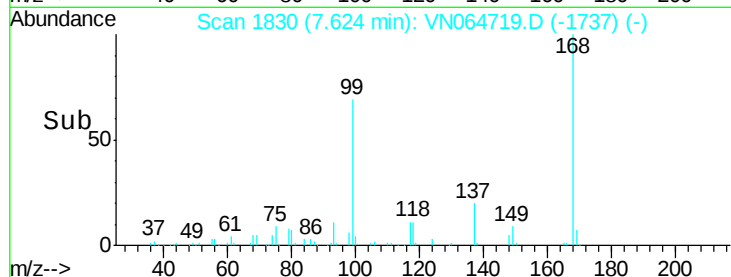
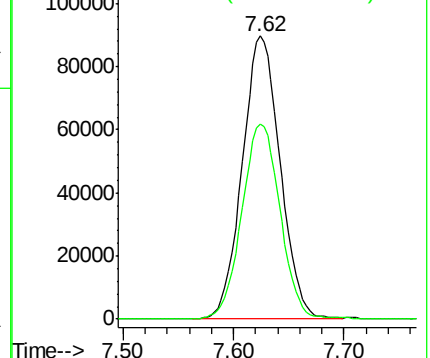
168 100

99 69.0 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 43.250 ug/l

RT: 4.75 min Scan# 935

Delta R.T. 0.01 min

Lab File: VN064719.D

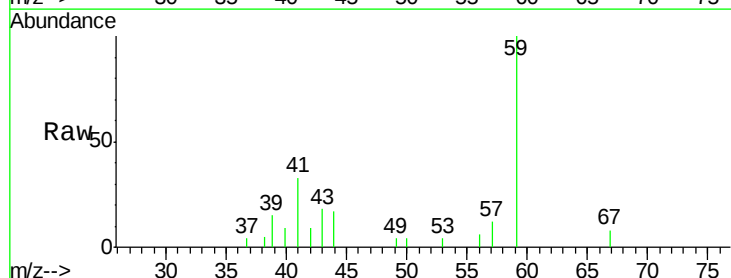
Acq: 18 Nov 2020 20:12

Tgt Ion: 59 Resp: 15758

Ion Ratio Lower Upper

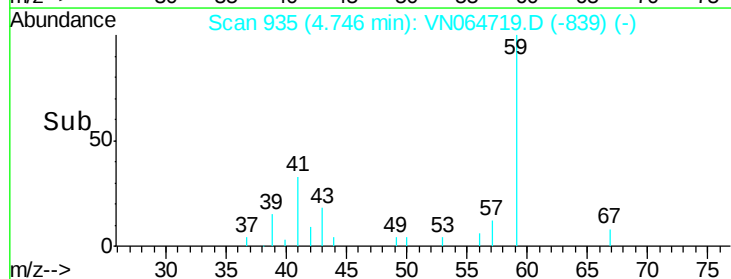
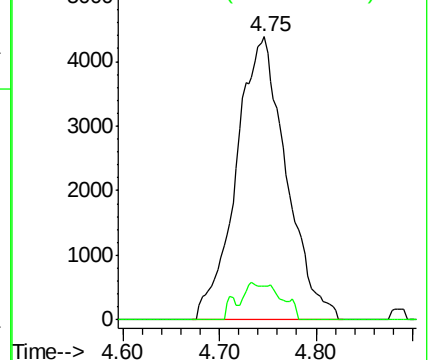
59 100

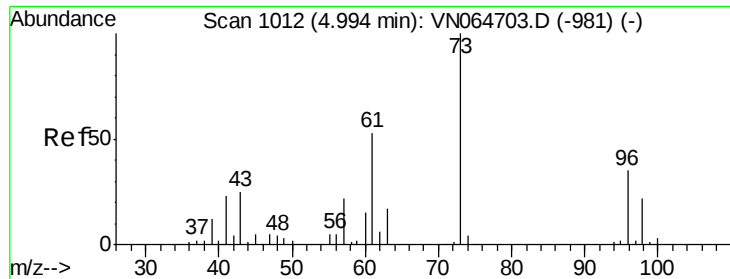
57 9.4 9.1 13.7



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

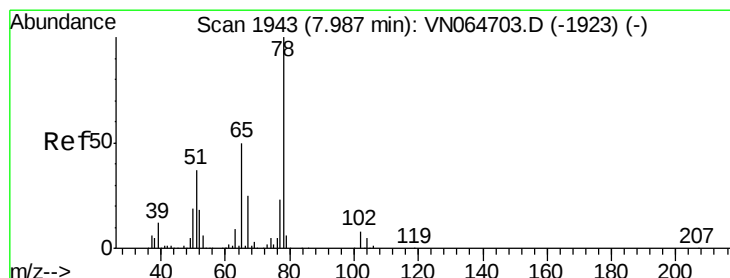
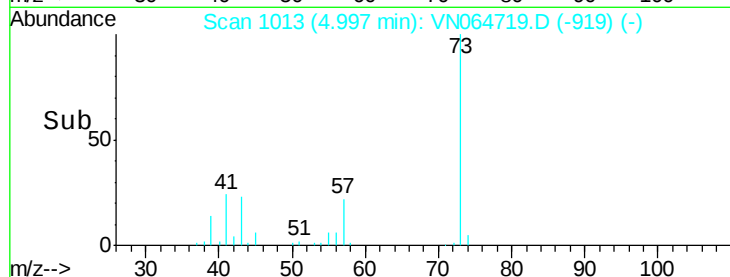
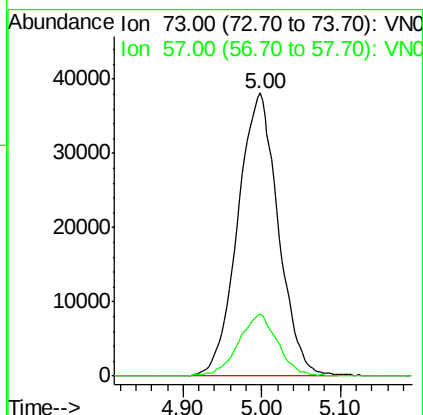
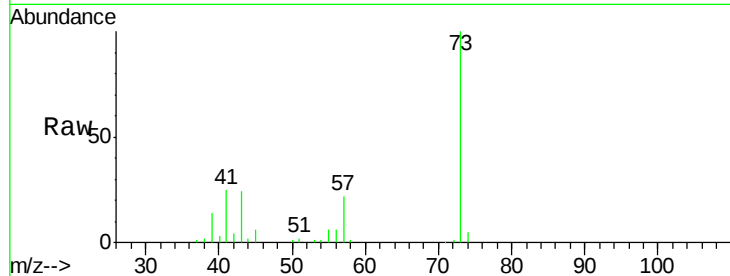




#19
Methvl tert-butvl Ether
Concen: 17.965 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064719.D
Acq: 18 Nov 2020 20:12

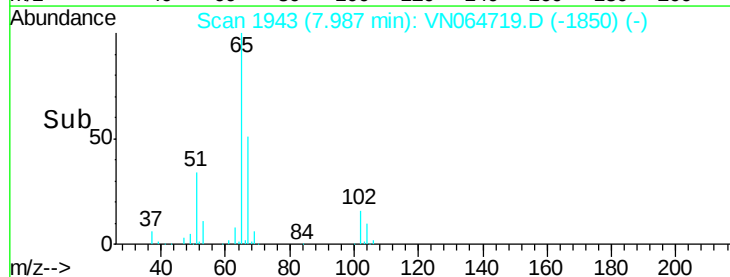
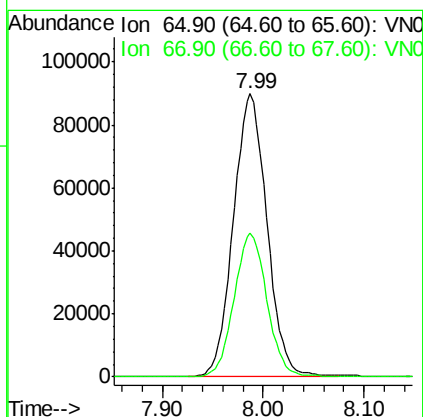
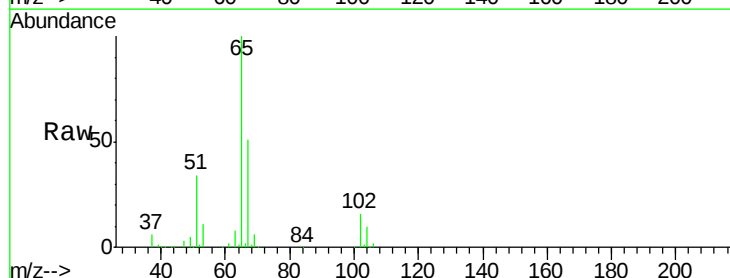
Instrument :
MSVOA_N
ClientSampleId :
MW-1D

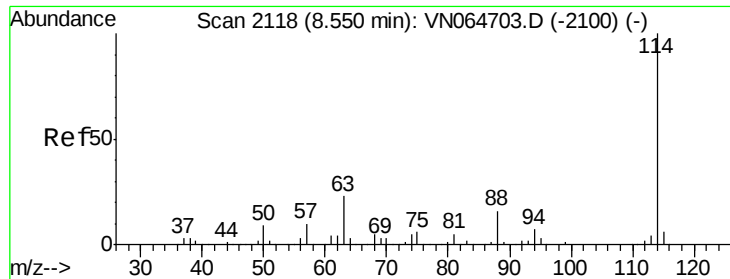
Tot Ion: 73 Resp: 137972
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#33
1,2-Dichloroethane-d4
Concen: 55.244 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064719.D
Acq: 18 Nov 2020 20:12

Tgt Ion: 65 Resp: 207469
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.8

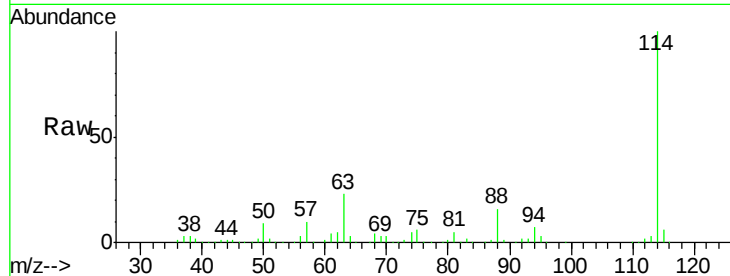




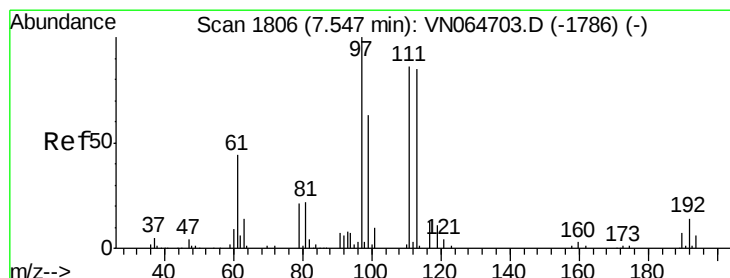
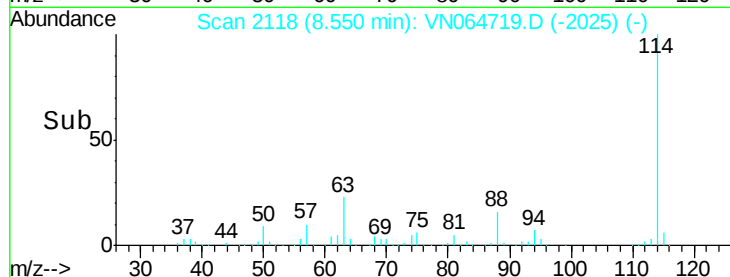
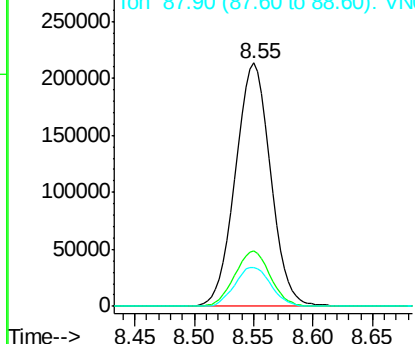
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064719.D
 Acq: 18 Nov 2020 20:12

Instrument :
 MSVOA_N
 ClientSampled :
 MW-1D

Tot Ion:114 Resp: 438301
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 46.0
 88 16.0 0.0 31.2

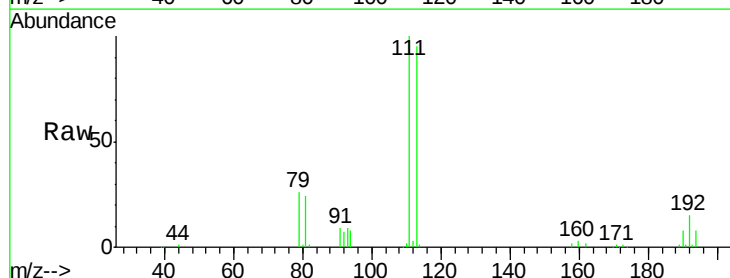


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

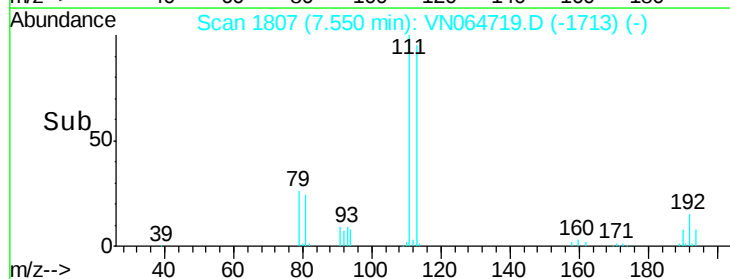
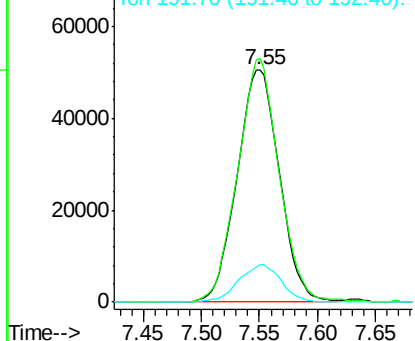


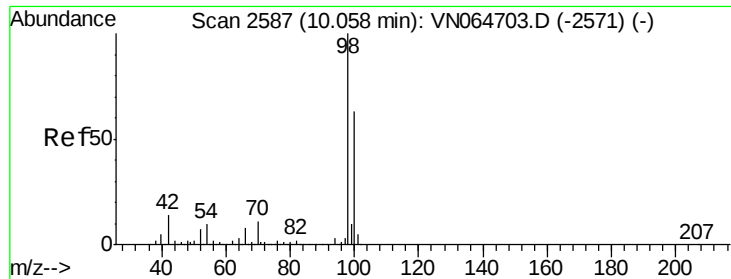
#35
 Dibromofluoromethane
 Concen: 51.345 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064719.D
 Acq: 18 Nov 2020 20:12

Tgt Ion:113 Resp: 128089
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 16.2 12.7 19.1



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

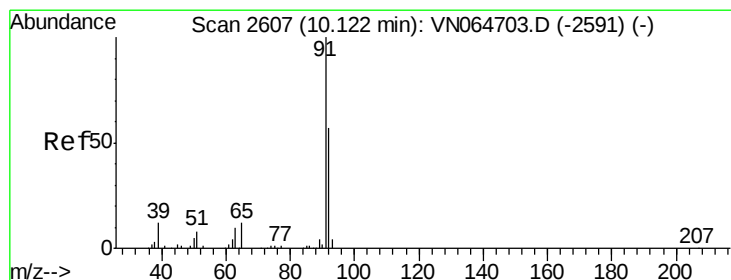
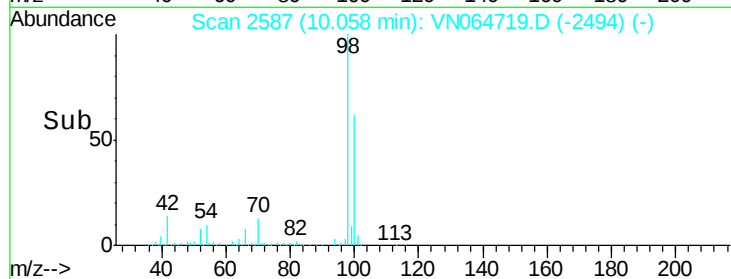
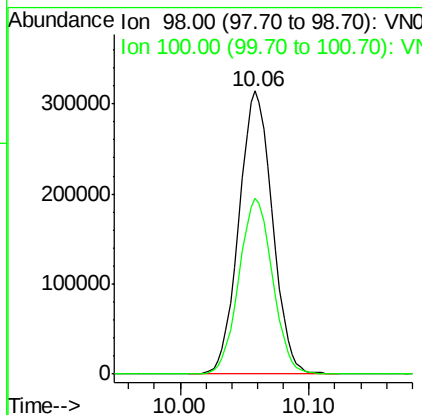
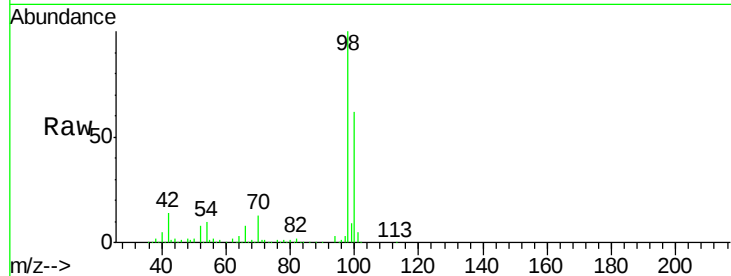




#50
Toluene-d8
Concen: 50.100 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064719.D
Acq: 18 Nov 2020 20:12

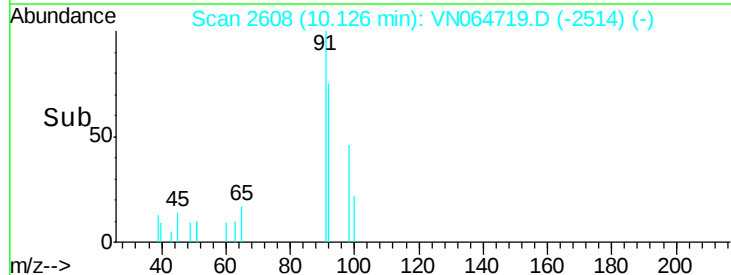
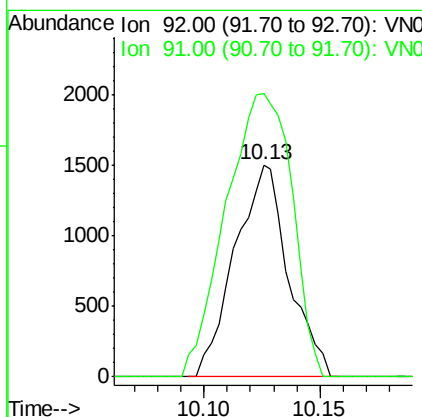
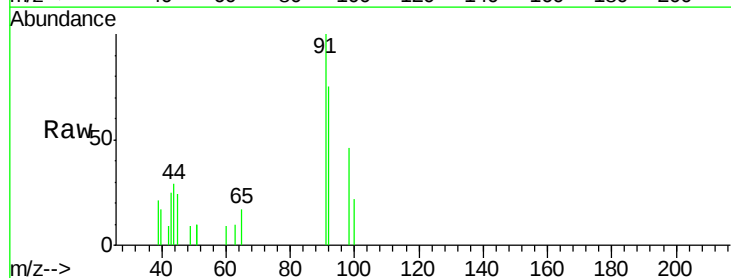
Instrument :
MSVOA_N
ClientSampled :
MW-1D

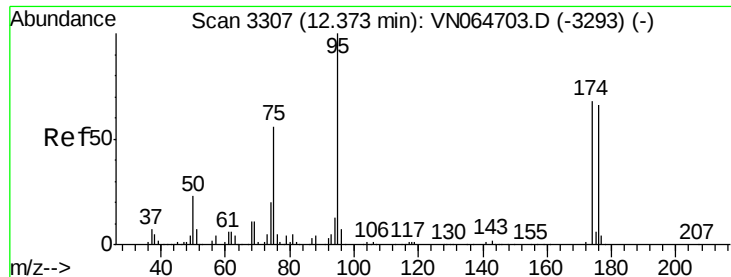
Tot Ion: 98 Resp: 568032
Ion Ratio Lower Upper
98 100
100 62.2 50.4 75.6



#52
Toluene
Concen: 0.312 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064719.D
Acq: 18 Nov 2020 20:12

Tgt Ion: 92 Resp: 2418
Ion Ratio Lower Upper
92 100
91 164.7 141.2 211.8

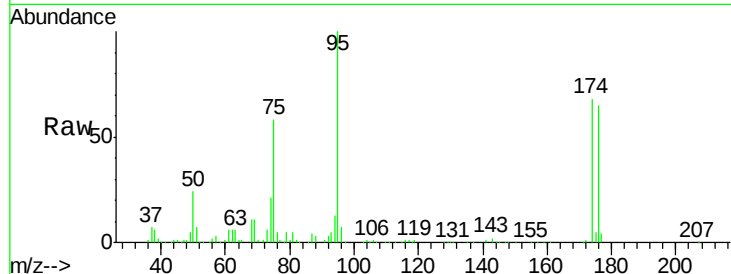




#62
4-Bromofluorobenzene
Concen: 54.771 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN064719.D
Acq: 18 Nov 2020 20:12

Instrument :
MSVOA_N
ClientSampleId :
MW-1D

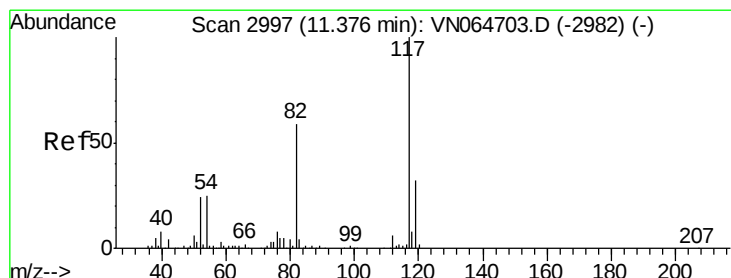
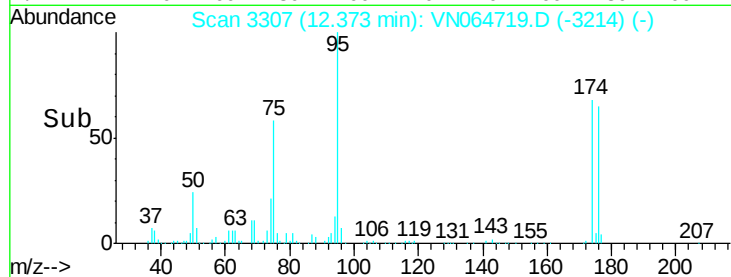
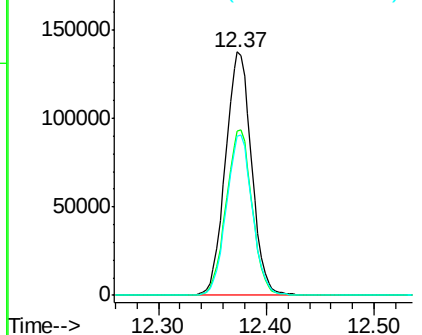
Tot Ion	Ratio	Lower	Upper
95	100		
174	67.6	0.0	136.8
176	65.2	0.0	134.2



Abundance Ion 94.90 (94.60 to 95.60): VN064719.D (-3214) (-)

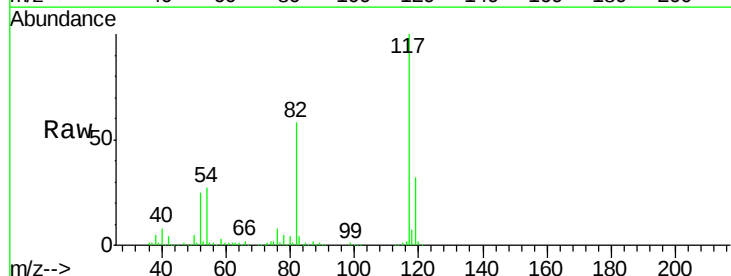
Ion 173.80 (173.50 to 174.50): VN064719.D (-3214) (-)

Ion 175.80 (175.50 to 176.50): VN064719.D (-3214) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064719.D
Acq: 18 Nov 2020 20:12

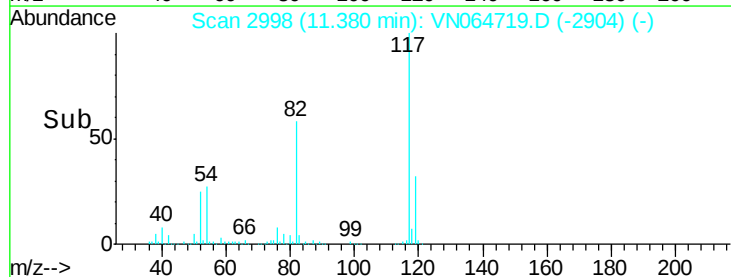
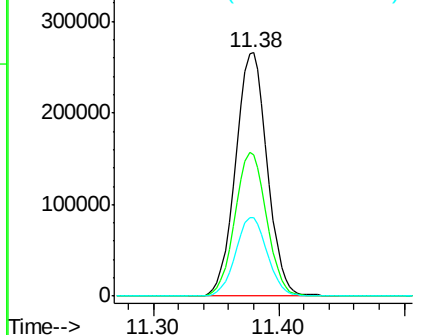
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.0	70.6
119	32.1	25.4	38.2

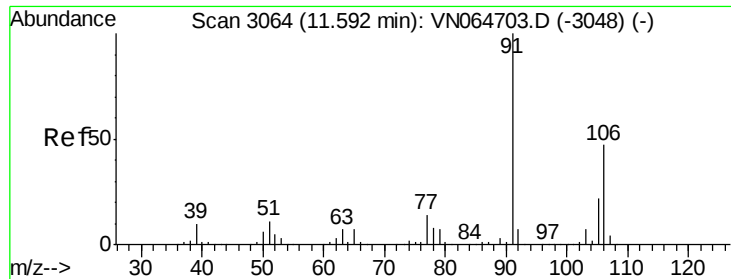


Abundance Ion 116.90 (116.60 to 117.60): VN064719.D (-2904) (-)

Ion 82.00 (81.70 to 82.70): VN064719.D (-2904) (-)

Ion 118.90 (118.60 to 119.60): VN064719.D (-2904) (-)

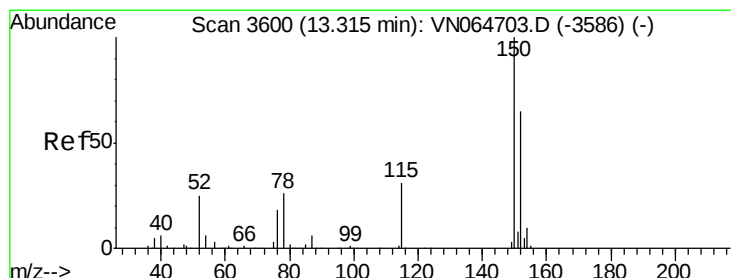
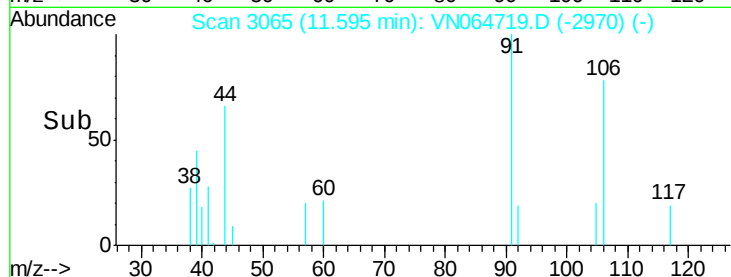
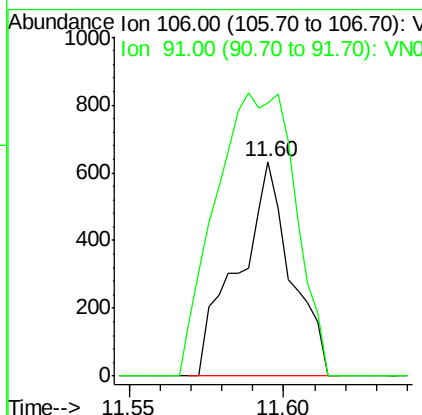
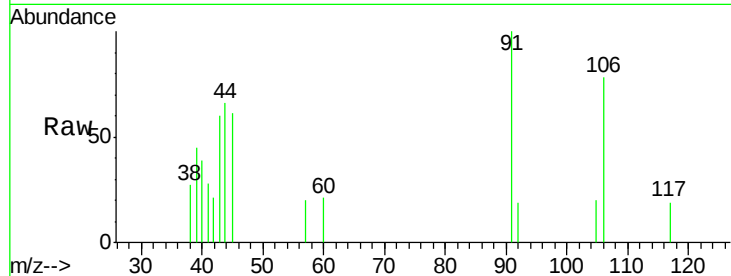




#68
m/p-Xvlenes
Concen: 4.164 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064719.D
Acq: 18 Nov 2020 20:12

Instrument :
MSVOA_N
ClientSampled :
MW-1D

Tot Ion:106 Resp: 754
Ion Ratio Lower Upper
106 100
91 199.2 171.9 257.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064719.D
Acq: 18 Nov 2020 20:12

Tgt Ion:152 Resp: 195318
Ion Ratio Lower Upper
152 100
115 64.9 32.1 96.3
150 160.0 0.0 344.8

