

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030520\
 Data File : VN060363.D
 Acq On : 5 Mar 2020 13:44
 Operator : JC/MD
 Sample : L1803-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 N38129

Quant Time: Mar 06 01:14:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

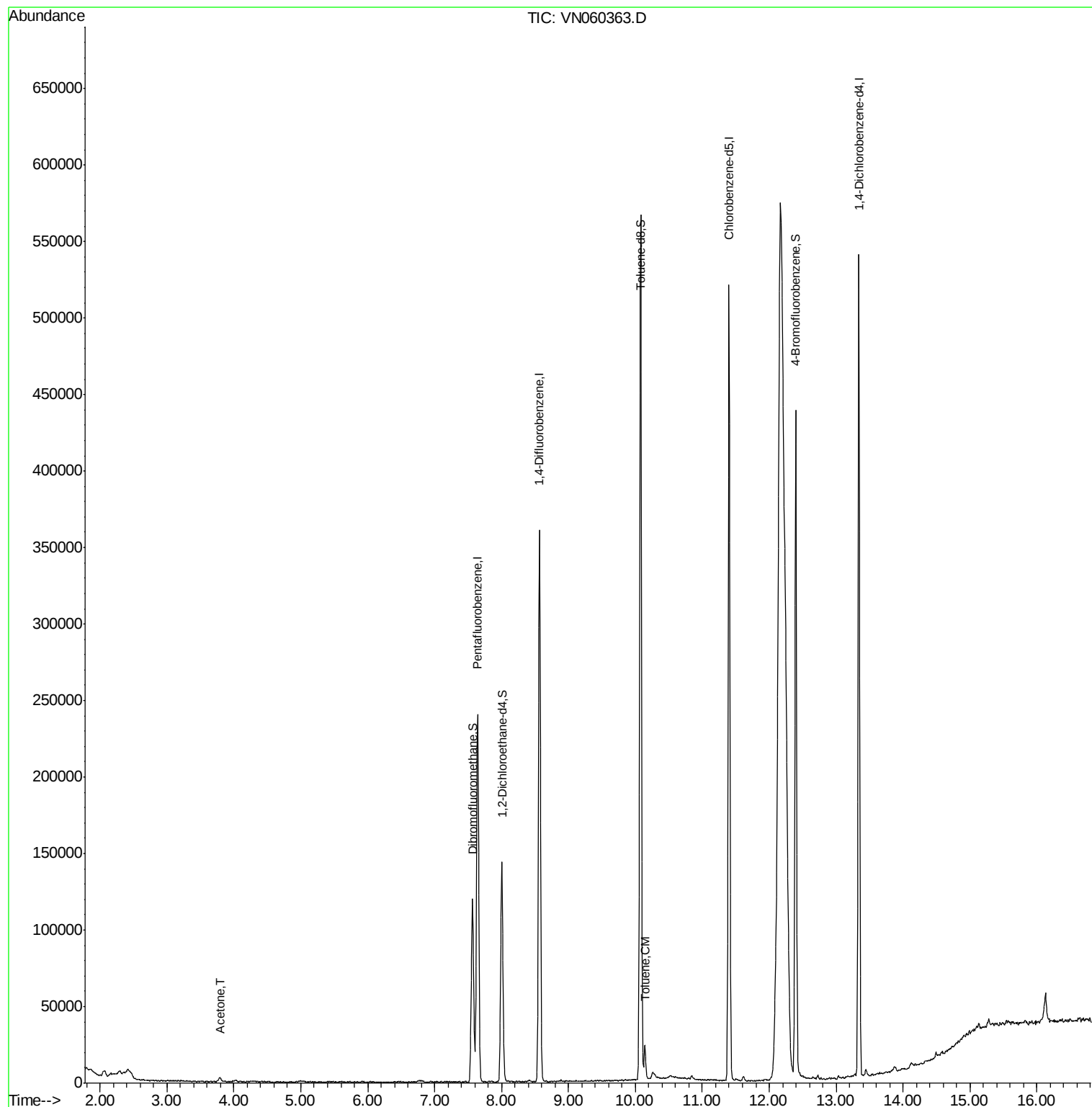
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	321528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	296935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	124516	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
35) Dibromofluoromethane	7.56	113	90754	60.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.62%	
50) Toluene-d8	10.08	98	392772	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.40	95	149917	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
Target Compounds						
16) Acetone	3.79	43	5359	6.636	ug/l	97
52) Toluene	10.14	92	9534	1.702	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060363.D

Acq: 5 Mar 2020 13:44

Instrument :

MSVOA_N

ClientSampled :

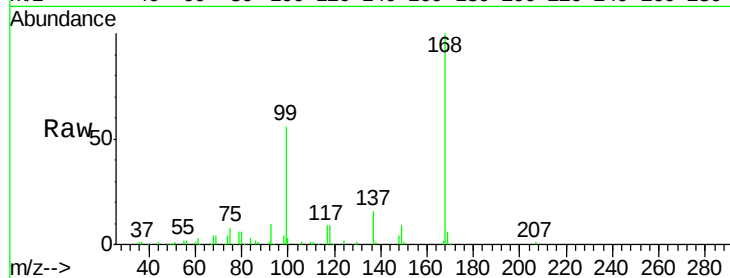
N38129

Tot Ion:168 Resp: 194922

Ion Ratio Lower Upper

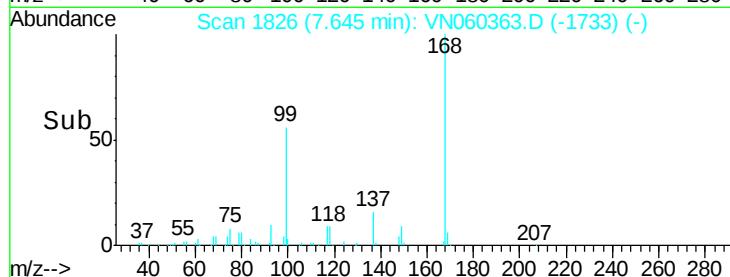
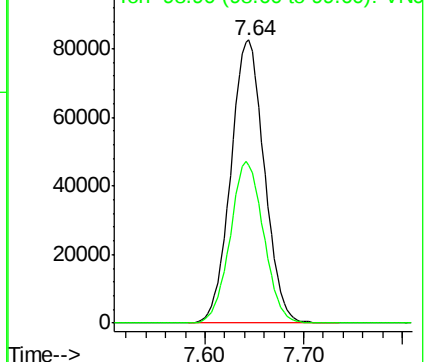
168 100

99 56.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.636 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060363.D

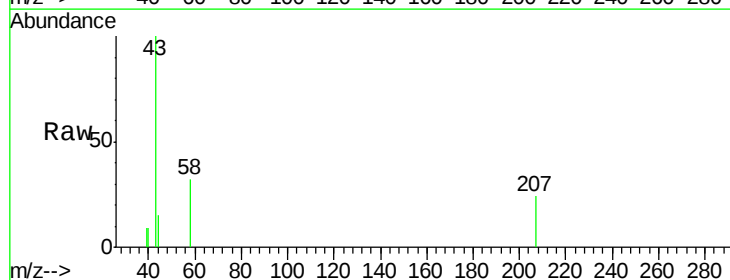
Acq: 5 Mar 2020 13:44

Tgt Ion: 43 Resp: 5359

Ion Ratio Lower Upper

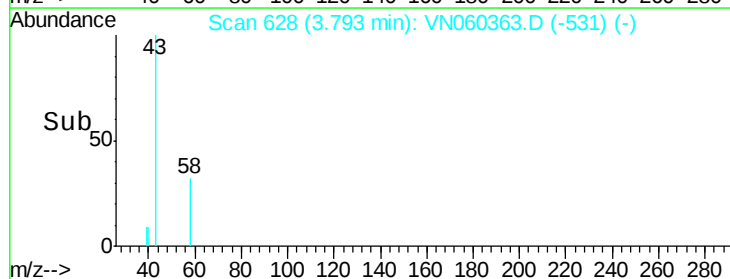
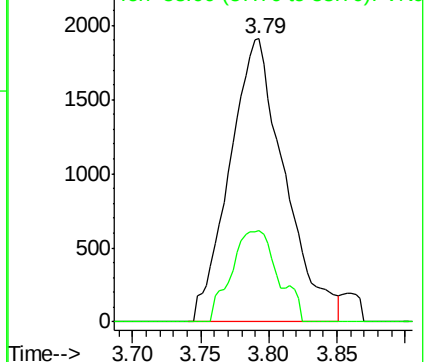
43 100

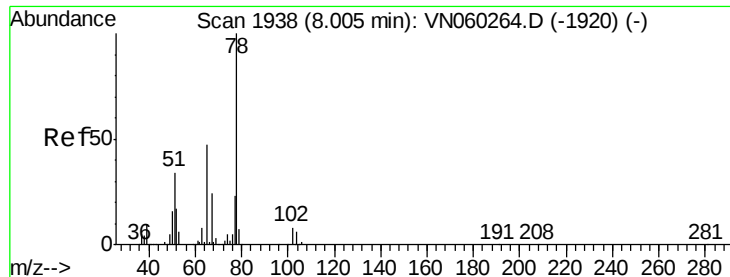
58 32.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

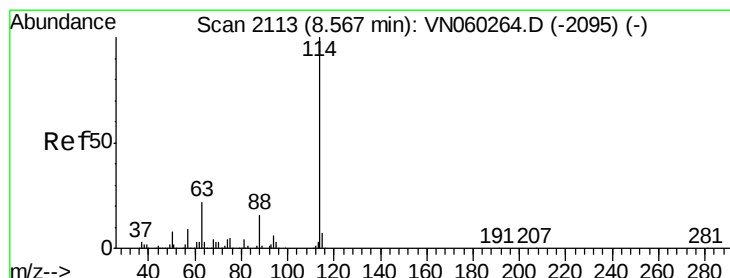
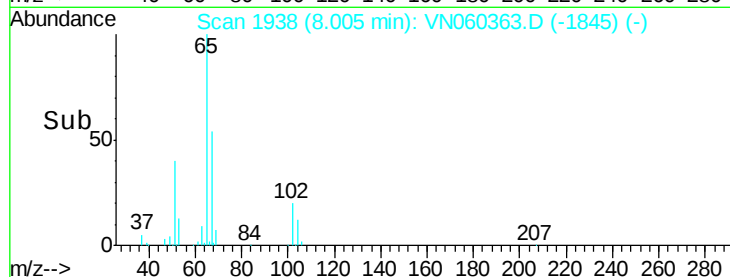
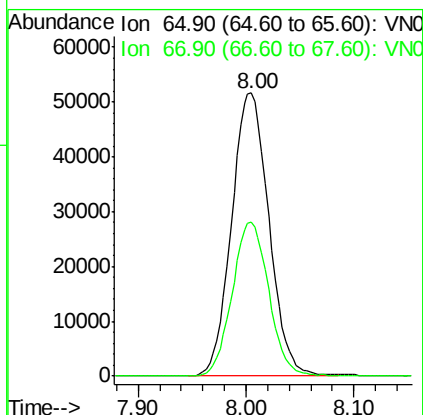
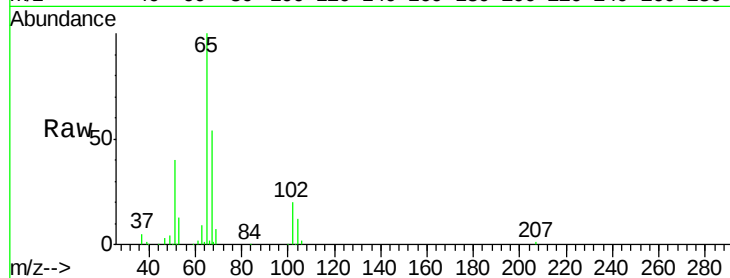




#33
 1,2-Dichloroethane-d4
 Concen: 49.789 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060363.D
 Acq: 5 Mar 2020 13:44

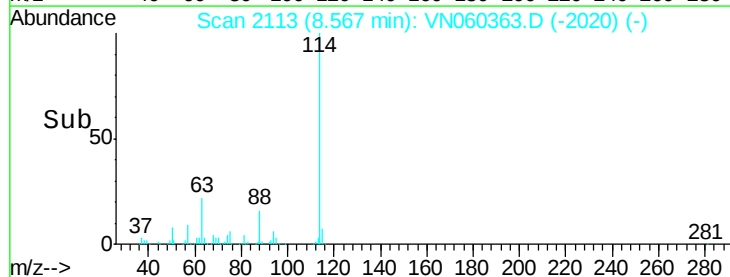
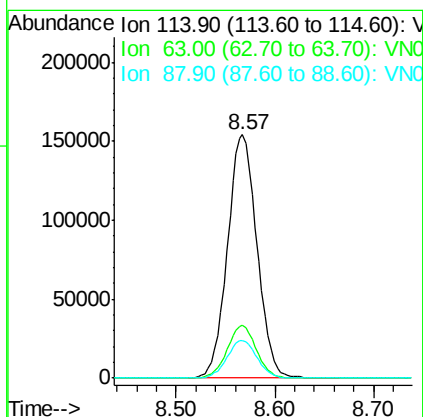
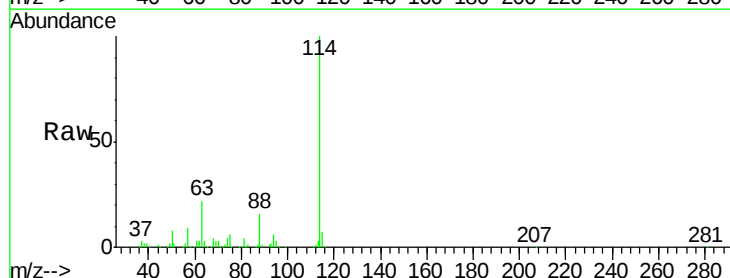
Instrument :
 MSVOA_N
 ClientSampleId :
 N38129

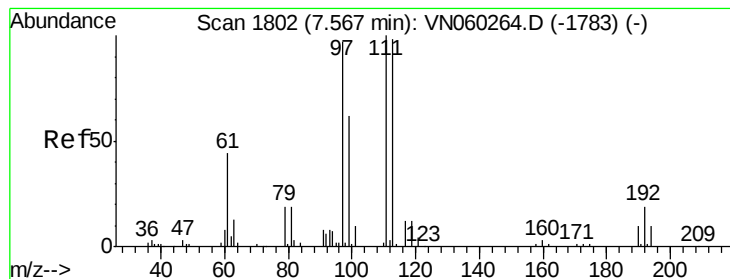
Tot Ion: 65 Resp: 124516
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060363.D
 Acq: 5 Mar 2020 13:44

Tgt Ion: 114 Resp: 321528
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 60.810 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060363.D

Acq: 5 Mar 2020 13:44

Instrument :

MSVOA_N

ClientSampleId :

N38129

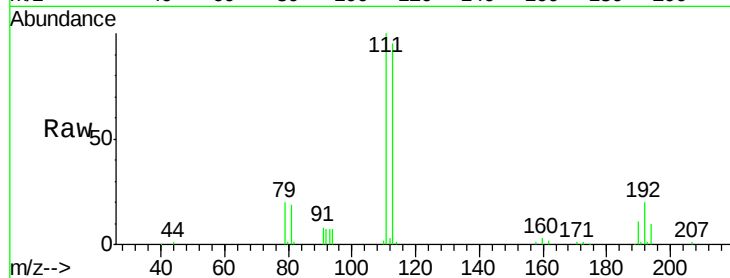
Tot Ion:113 Resp: 90754

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

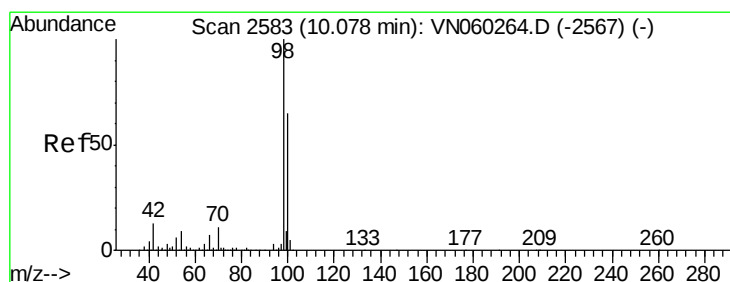
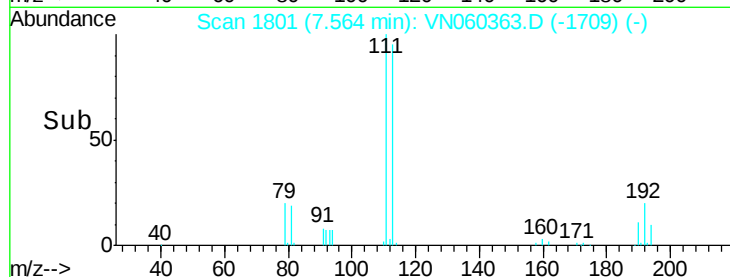
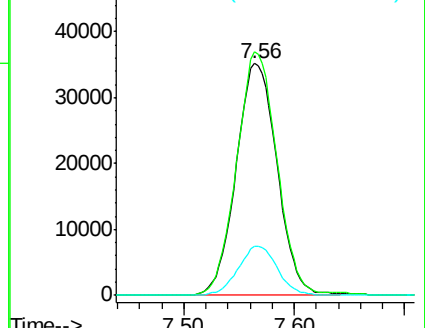
192 20.2 16.2 24.2



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: 52.000 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060363.D

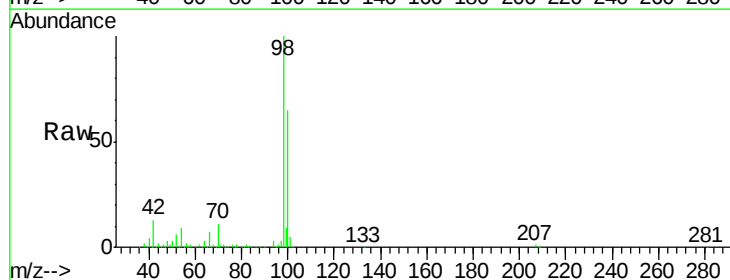
Acq: 5 Mar 2020 13:44

Tgt Ion: 98 Resp: 392772

Ion Ratio Lower Upper

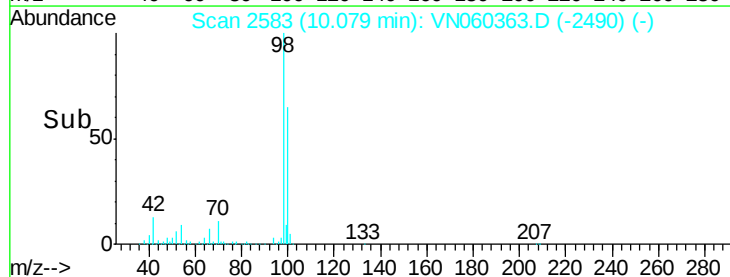
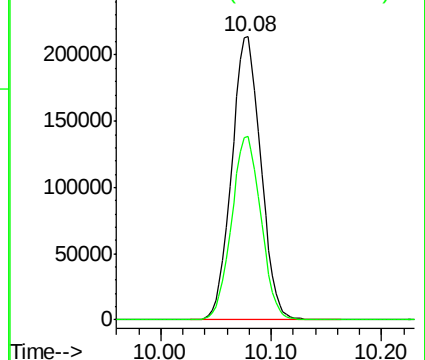
98 100

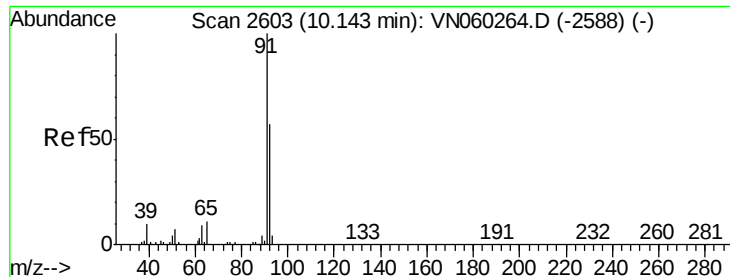
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 1.702 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060363.D

Acq: 5 Mar 2020 13:44

Instrument :

MSVOA_N

ClientSampled :

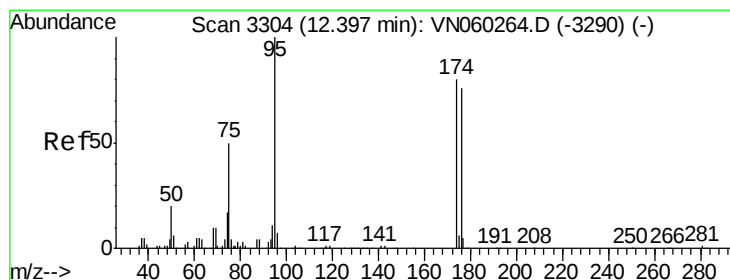
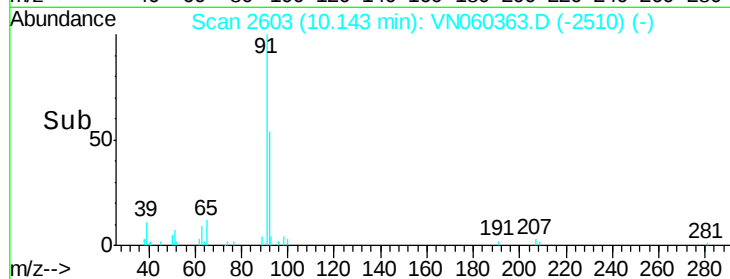
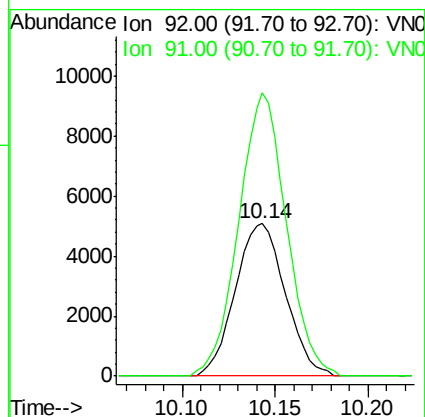
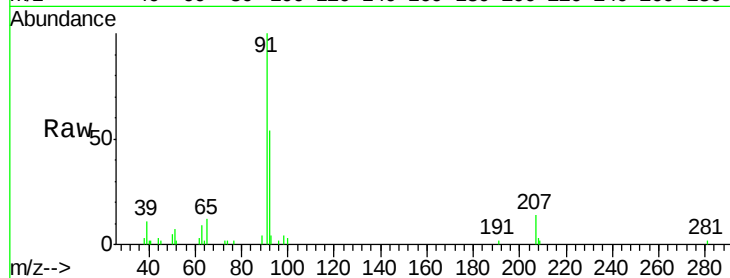
N38129

Tot Ion: 92 Resp: 9534

Ion Ratio Lower Upper

92 100

91 177.0 138.1 207.1



#62

4-Bromofluorobenzene

Concen: 52.358 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060363.D

Acq: 5 Mar 2020 13:44

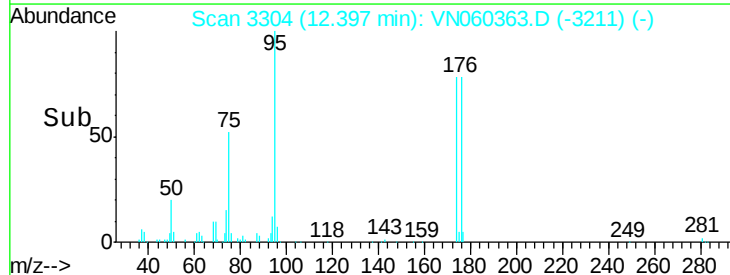
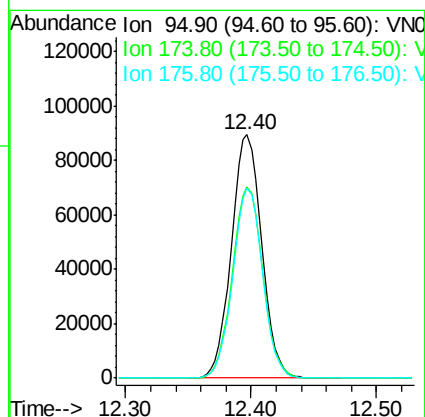
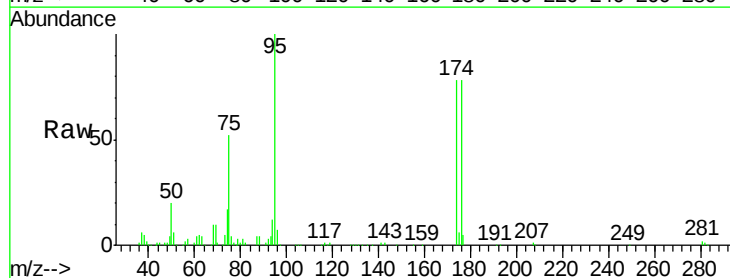
Tgt Ion: 95 Resp: 149917

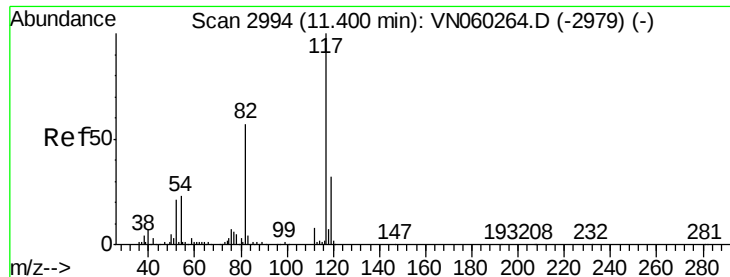
Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.2

176 76.9 0.0 153.8

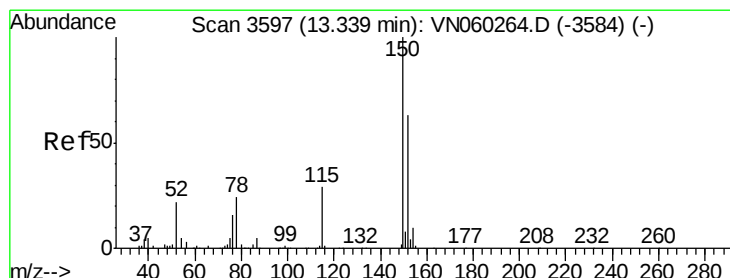
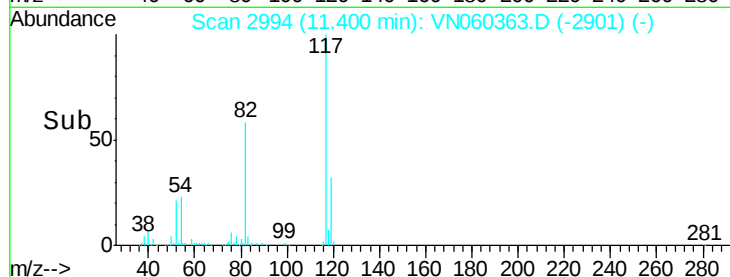
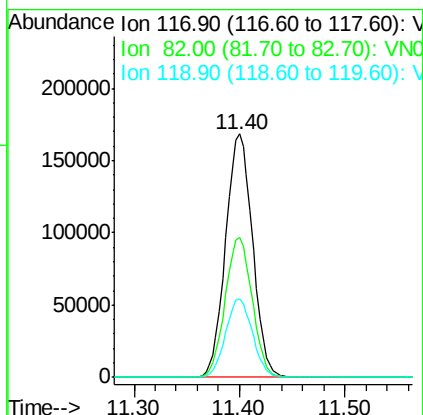
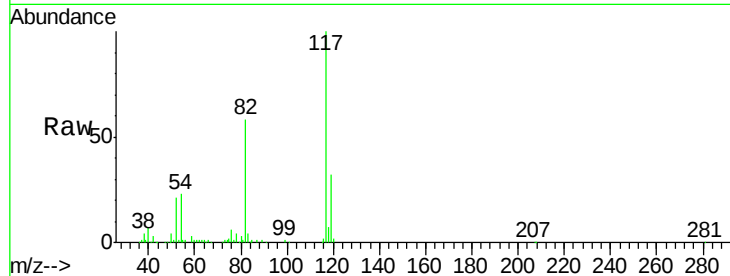




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060363.D
Acq: 5 Mar 2020 13:44

Instrument :
MSVOA_N
ClientSampled :
N38129

Tot Ion:117 Resp: 296935
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.6
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060363.D
Acq: 5 Mar 2020 13:44

Tgt Ion:152 Resp: 138900
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.0
150 158.8 0.0 349.6

