

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063462.D
 Acq On : 18 Sep 2020 17:01
 Operator : JC/MD
 Sample : L3871-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-091720

Quant Time: Sep 21 02:15:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

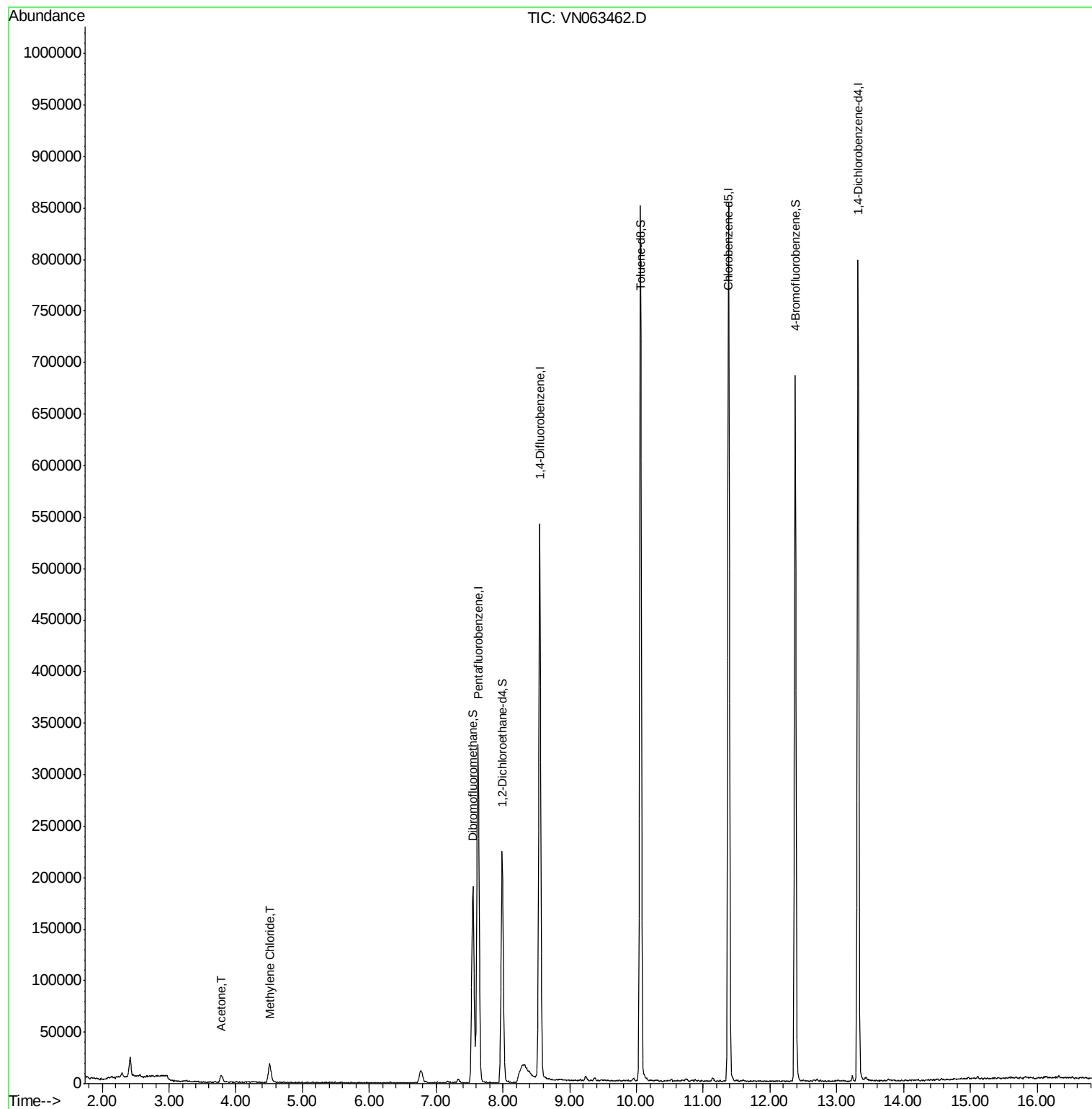
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	445092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	194310	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
35) Dibromofluoromethane	7.55	113	142223	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
50) Toluene-d8	10.06	98	576172	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.38	95	232035	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.26%	
Target Compounds						
16) Acetone	3.78	43	11196	8.482	ug/l	96
20) Methylene Chloride	4.50	84	11829	3.537	ug/l	90

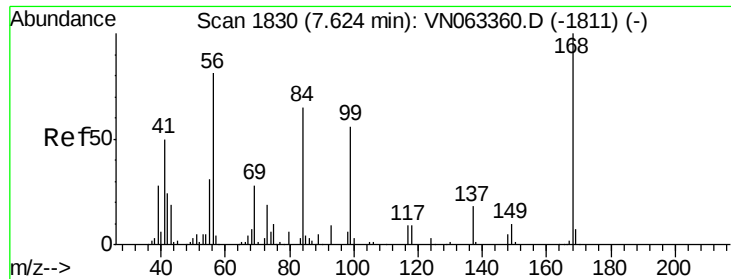
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 16 13:05:20 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063462.D

Acq: 18 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

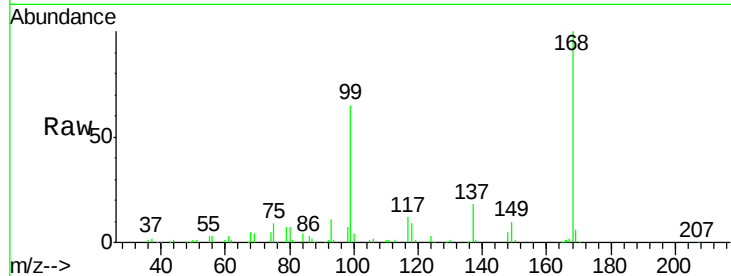
TR-05-091720

Tot Ion:168 Resp: 241280

Ion Ratio Lower Upper

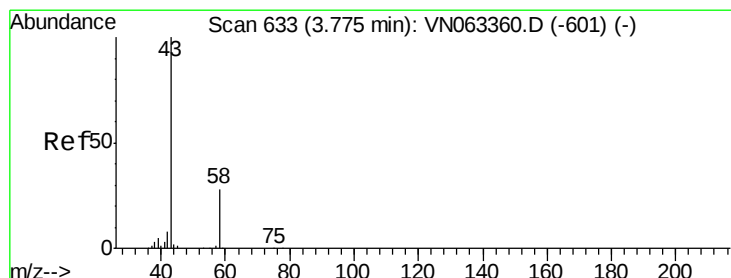
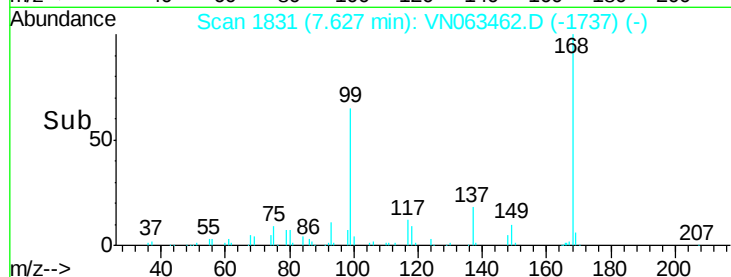
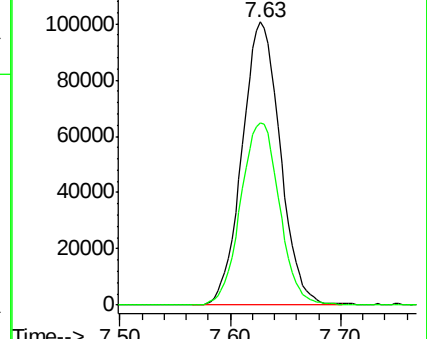
168 100

99 64.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 8.482 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063462.D

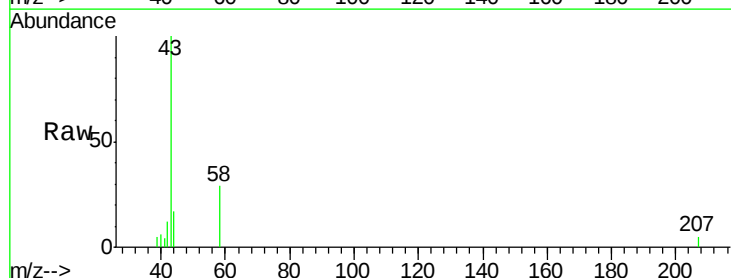
Acq: 18 Sep 2020 17:01

Tgt Ion: 43 Resp: 11196

Ion Ratio Lower Upper

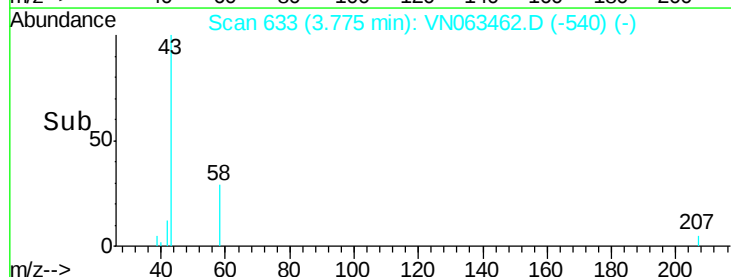
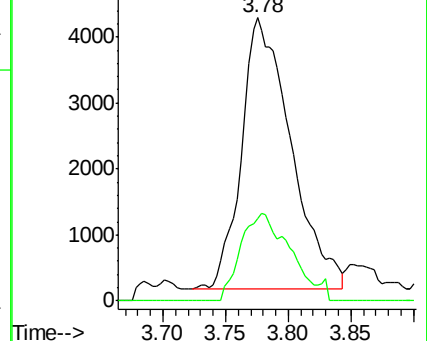
43 100

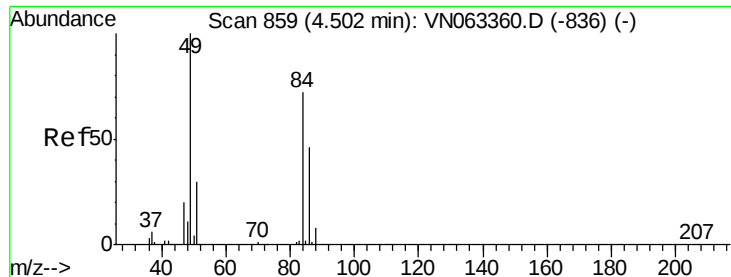
58 30.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

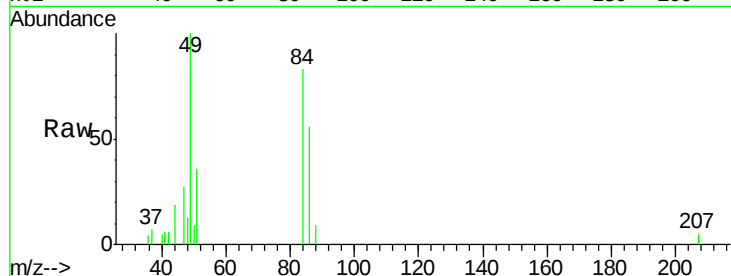




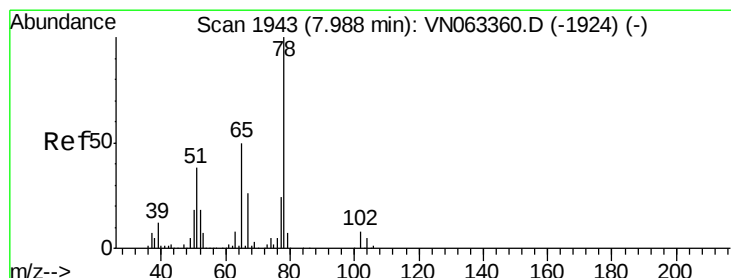
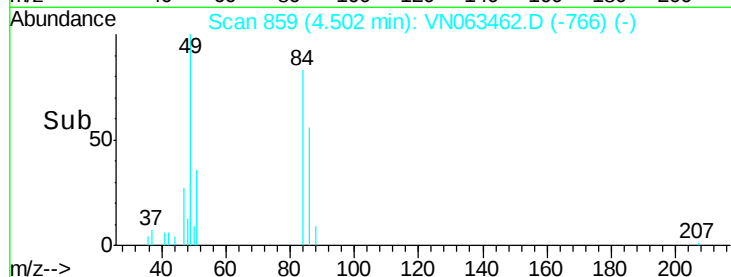
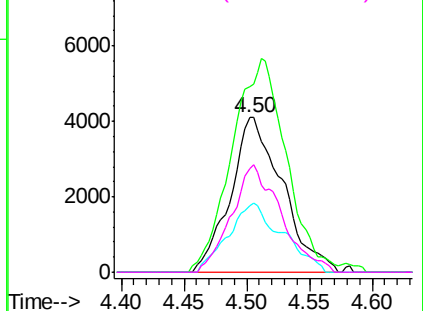
#20
Methylene Chloride
Concen: 3.537 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063462.D
Acq: 18 Sep 2020 17:01

Instrument :
MSVOA_N
ClientSampled :
TR-05-091720

Tot Ion: 84 Resp: 11829
Ion Ratio Lower Upper
84 100
49 120.2 110.7 166.1
51 42.7 32.9 49.3
86 67.3 51.1 76.7

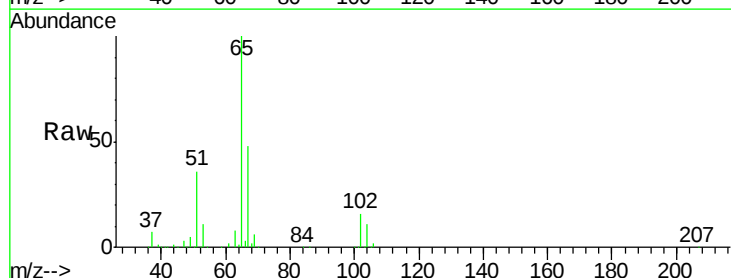


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

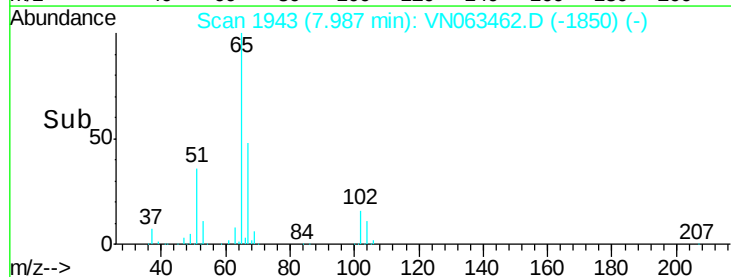
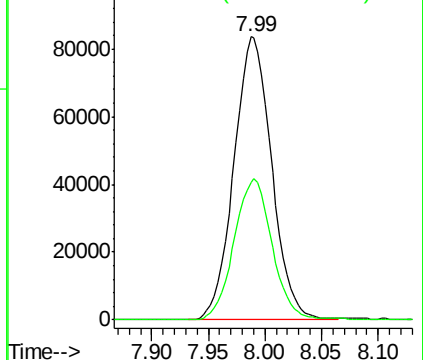


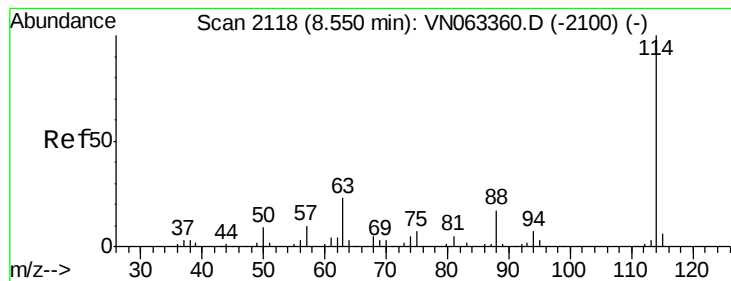
#33
1,2-Dichloroethane-d4
Concen: 47.309 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063462.D
Acq: 18 Sep 2020 17:01

Tgt Ion: 65 Resp: 194310
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN063462.D

Acq: 18 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampled :

TR-05-091720

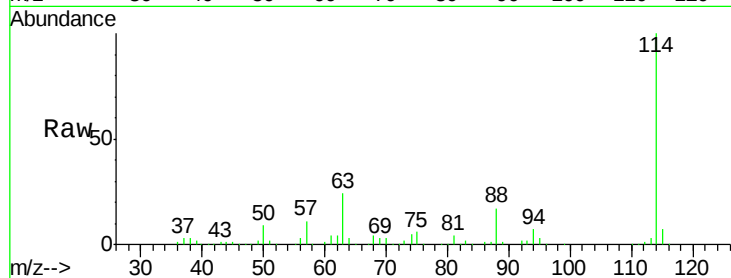
Tot Ion:114 Resp: 445092

Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.4

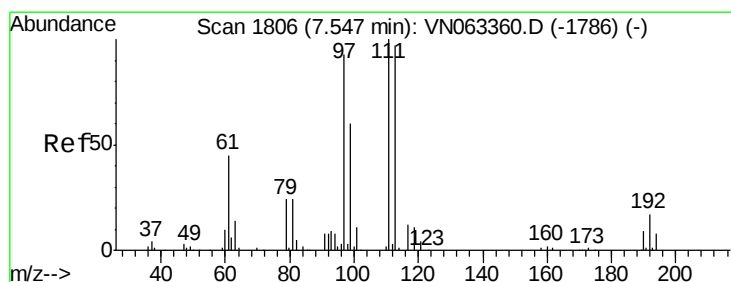
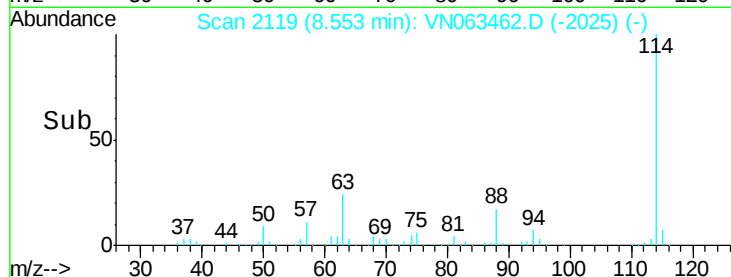
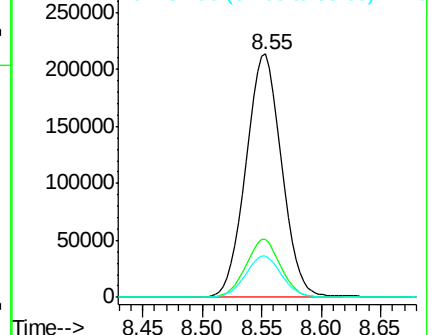
88 16.8 0.0 33.2



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: 46.157 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063462.D

Acq: 18 Sep 2020 17:01

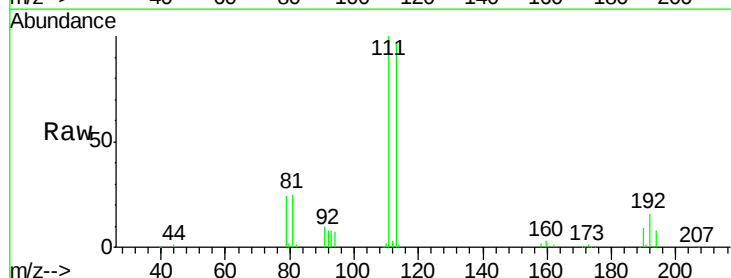
Tgt Ion:113 Resp: 142223

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

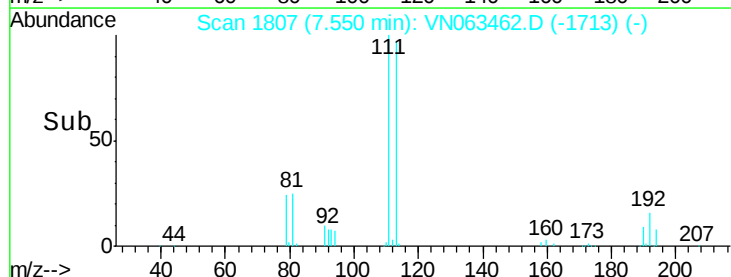
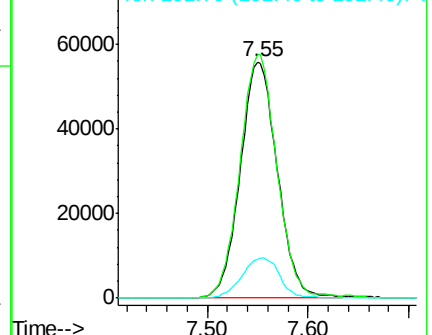
192 17.3 13.9 20.9

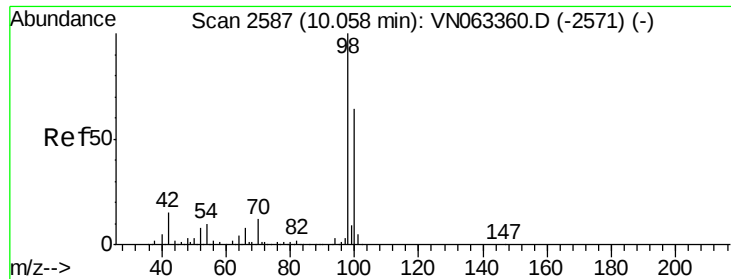


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.729 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063462.D

Acq: 18 Sep 2020 17:01

Instrument :

MSVOA_N

ClientSampleId :

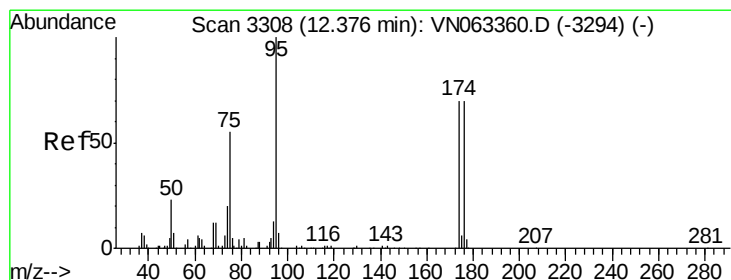
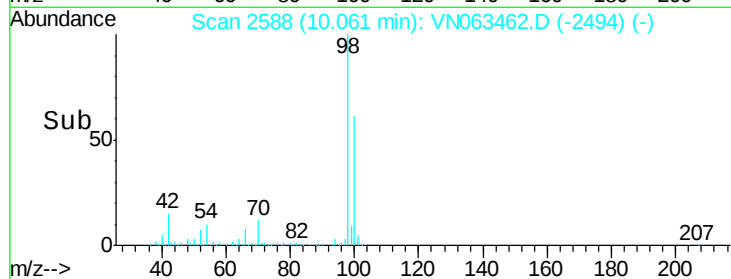
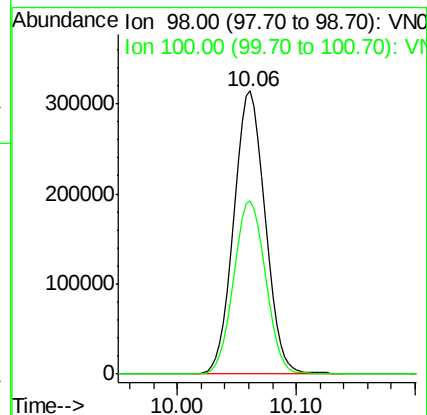
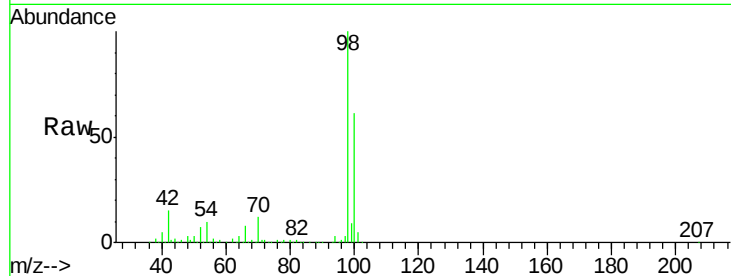
TR-05-091720

Tot Ion: 98 Resp: 576172

Ion Ratio Lower Upper

98 100

100 62.3 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 54.631 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063462.D

Acq: 18 Sep 2020 17:01

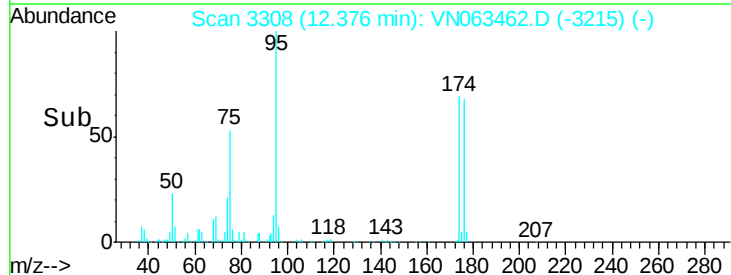
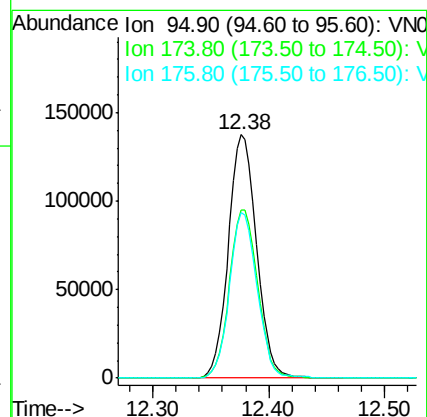
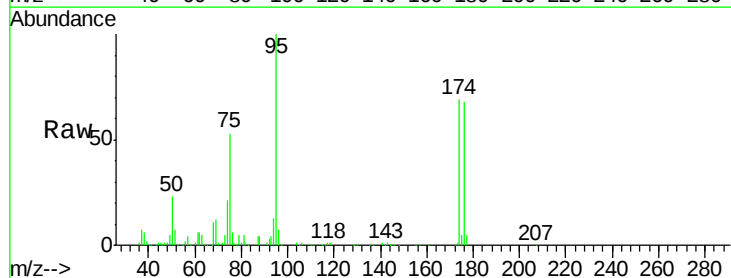
Tgt Ion: 95 Resp: 232035

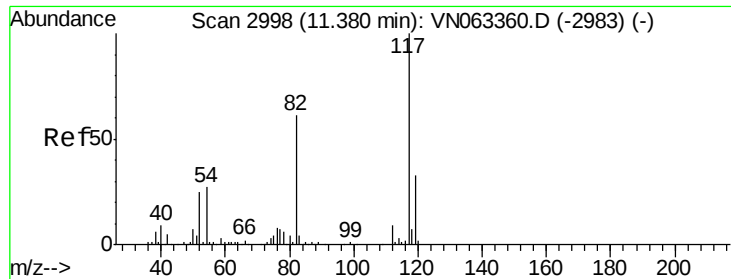
Ion Ratio Lower Upper

95 100

174 69.3 0.0 140.8

176 66.6 0.0 137.6

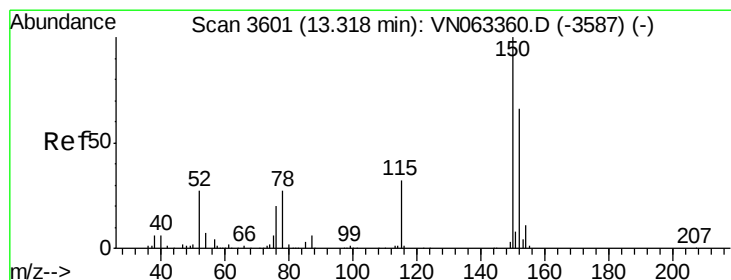
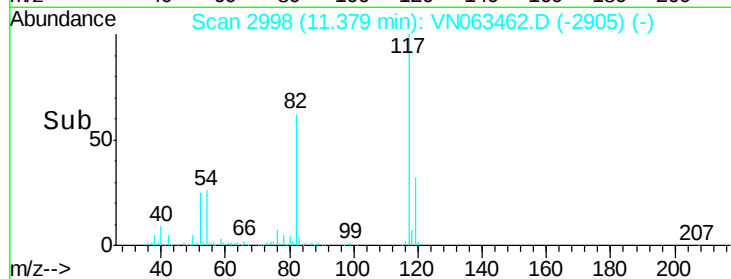
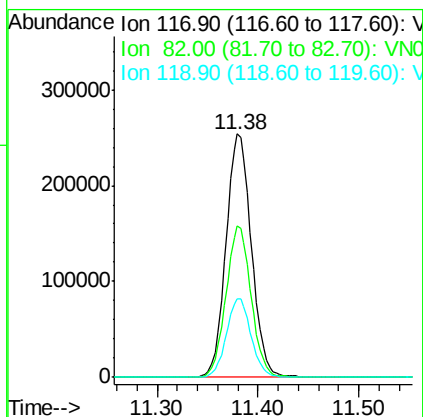
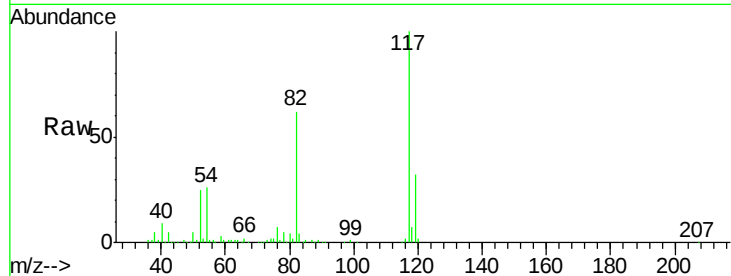




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063462.D
Acq: 18 Sep 2020 17:01

Instrument :
MSVOA_N
ClientSampleId :
TR-05-091720

Tot Ion:117 Resp: 445646
Ion Ratio Lower Upper
117 100
82 62.2 49.2 73.8
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063462.D
Acq: 18 Sep 2020 17:01

Tgt Ion:152 Resp: 191112
Ion Ratio Lower Upper
152 100
115 63.6 32.2 96.6
150 157.8 0.0 343.4

