

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063662.D
 Acq On : 25 Sep 2020 5:49
 Operator : JC/MD
 Sample : L3871-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-092320

Quant Time: Sep 25 06:24:36 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

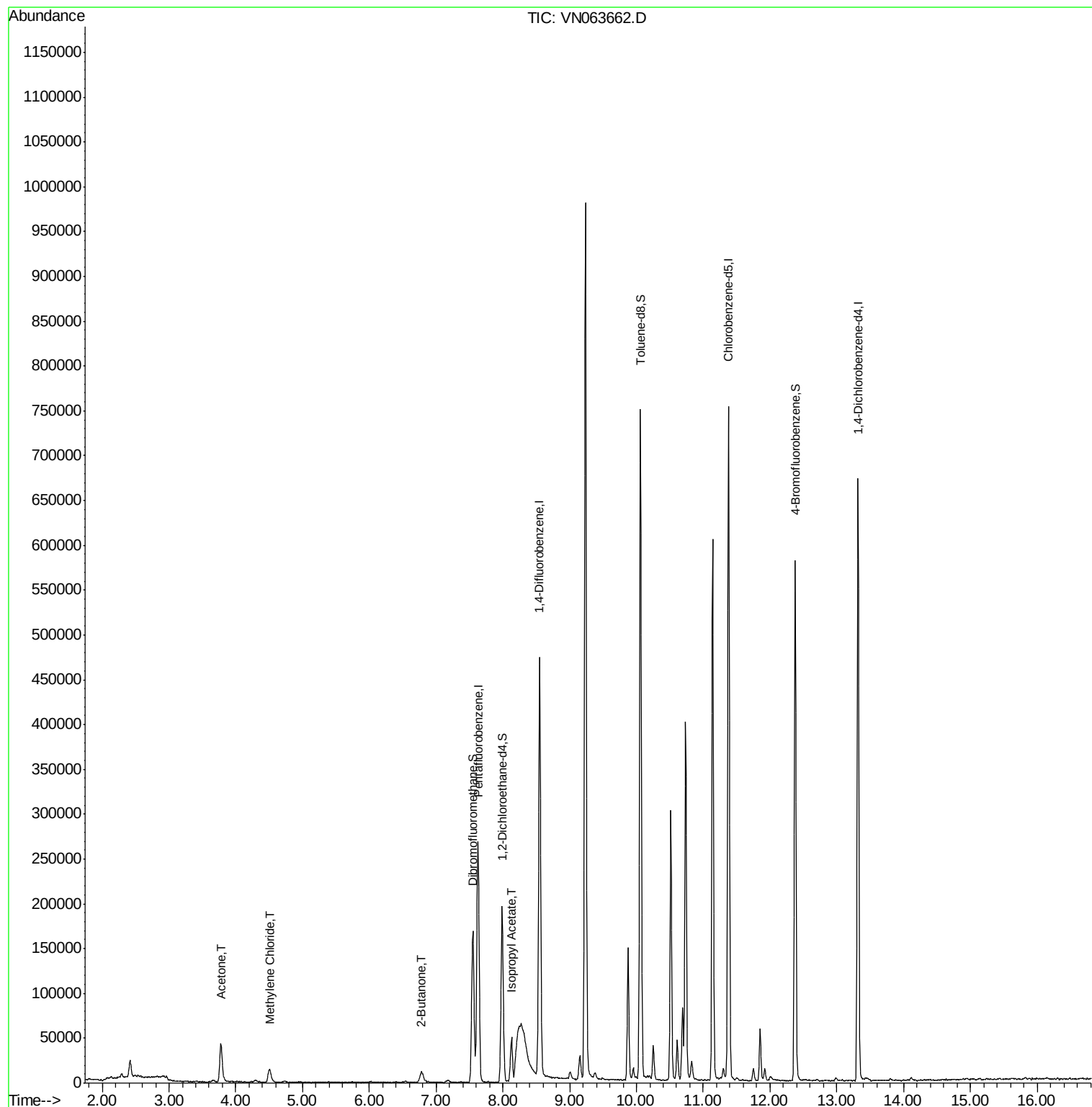
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	197805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	382709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	384883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	171920	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
35) Dibromofluoromethane	7.55	113	124778	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
50) Toluene-d8	10.06	98	491287	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.38	95	188490	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
Target Compounds						
16) Acetone	3.78	43	76362	70.565	ug/l	99
20) Methylene Chloride	4.51	84	10691	3.899	ug/l	86
25) 2-Butanone	6.79	43	12444	7.477	ug/l	94
43) Isopropyl Acetate	8.13	43	60097	8.399	ug/l	100

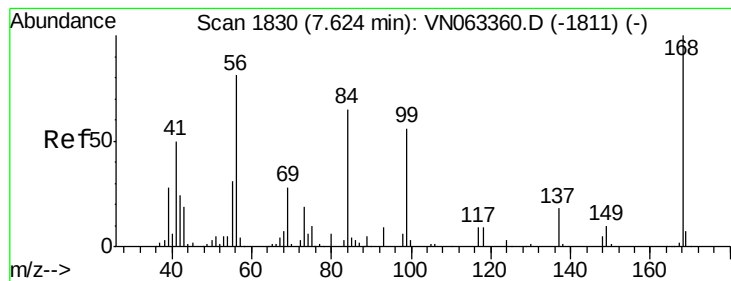
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063662.D

Acq: 25 Sep 2020 5:49

Instrument :

MSVOA_N

ClientSampleId :

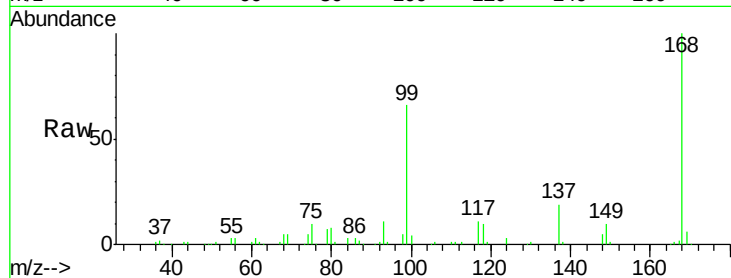
TR-04-092320

Tot Ion:168 Resp: 197805

Ion Ratio Lower Upper

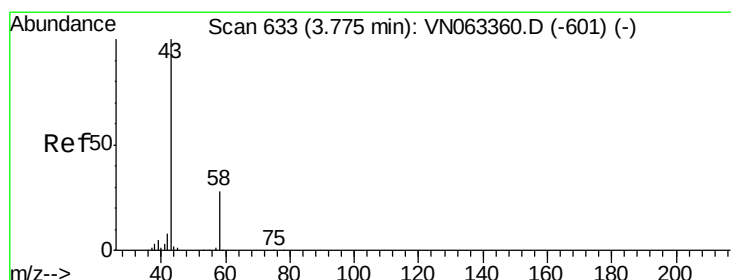
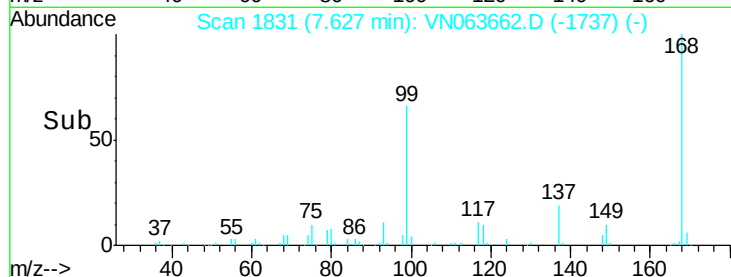
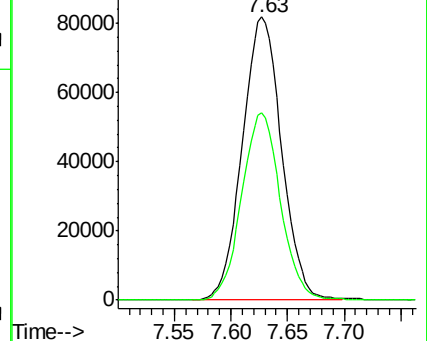
168 100

99 66.2 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: 70.565 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063662.D

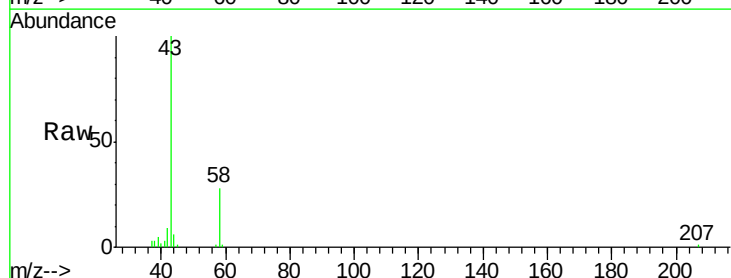
Acq: 25 Sep 2020 5:49

Tgt Ion: 43 Resp: 76362

Ion Ratio Lower Upper

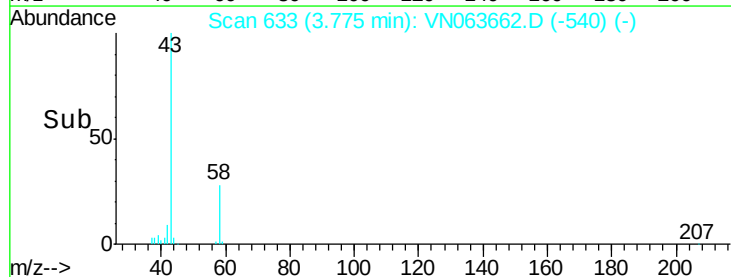
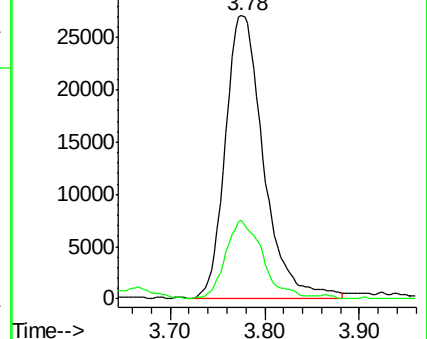
43 100

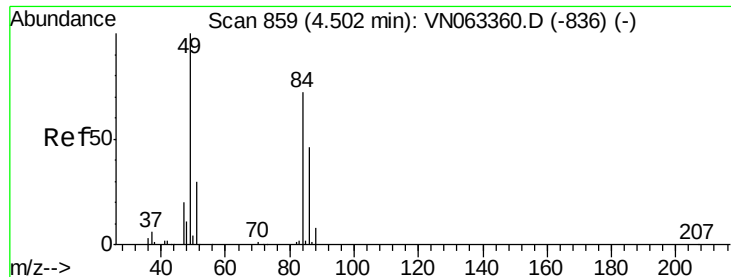
58 27.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

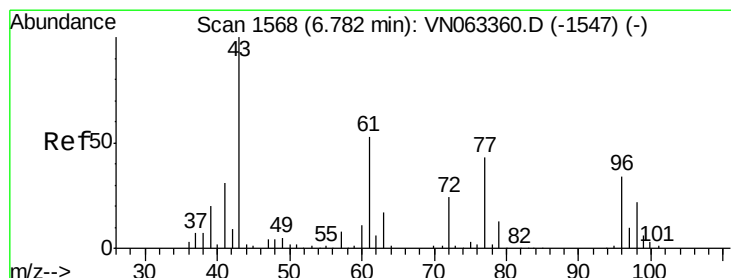
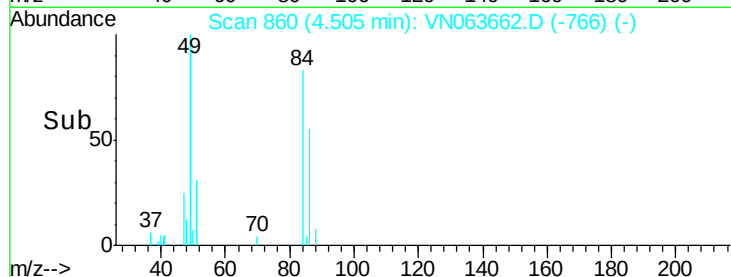
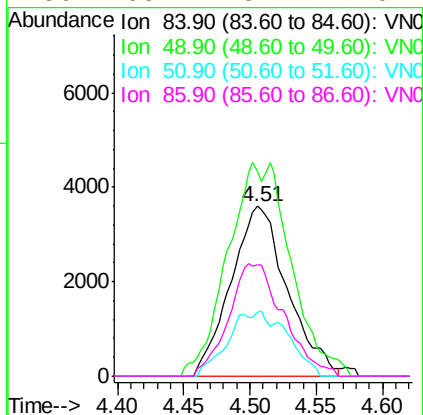
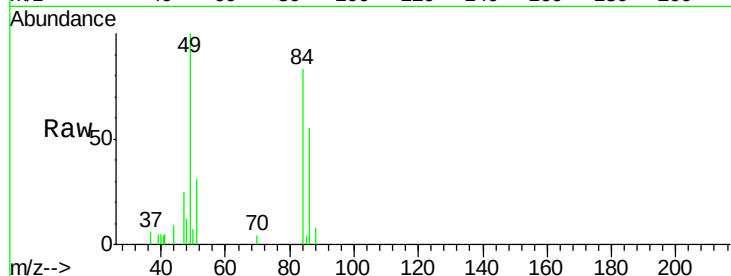




#20
Methvlene Chloride
Concen: 3.899 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063662.D
Acq: 25 Sep 2020 5:49

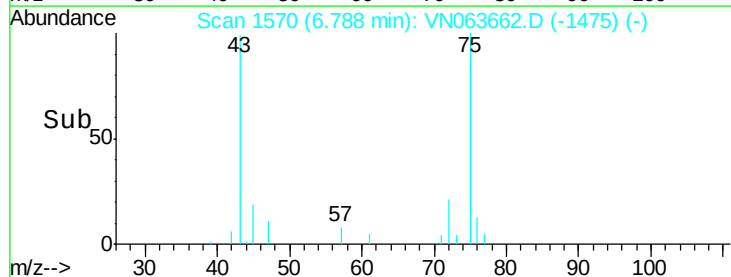
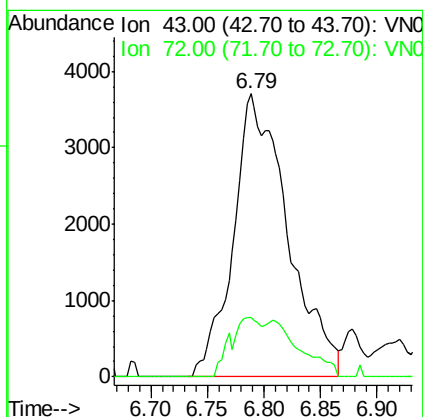
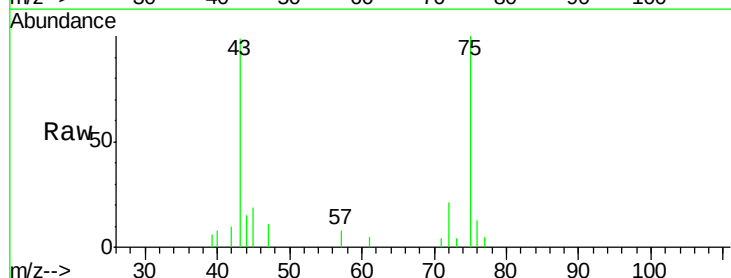
Instrument :
MSVOA_N
ClientSampled :
TR-04-092320

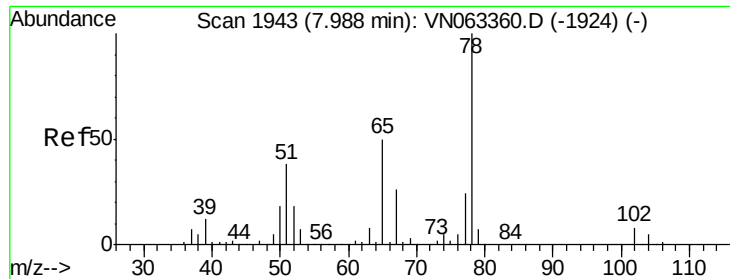
Tot Ion:	84	Resp:	10691
Ion	Ratio	Lower	Upper
84	100		
49	112.9	110.7	166.1
51	37.3	32.9	49.3
86	65.7	51.1	76.7



#25
2-Butanone
Concen: 7.477 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063662.D
Acq: 25 Sep 2020 5:49

Tgt Ion:	43	Resp:	12444
Ion	Ratio	Lower	Upper
43	100		
72	20.8	19.2	28.8

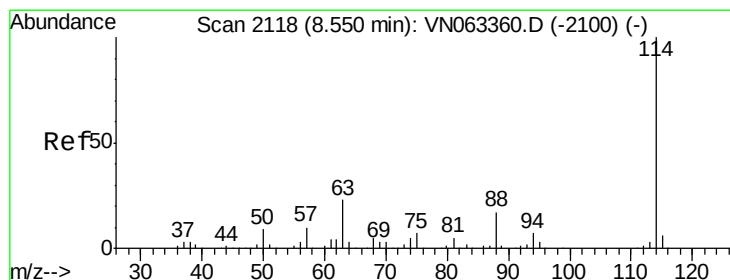
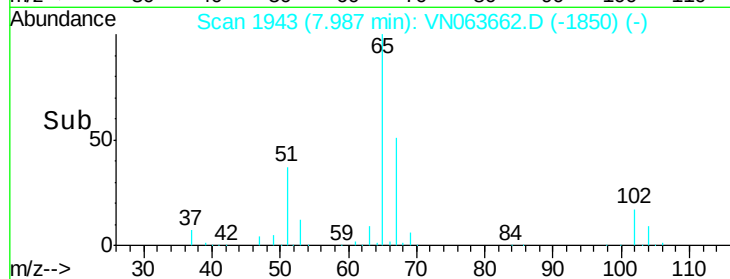
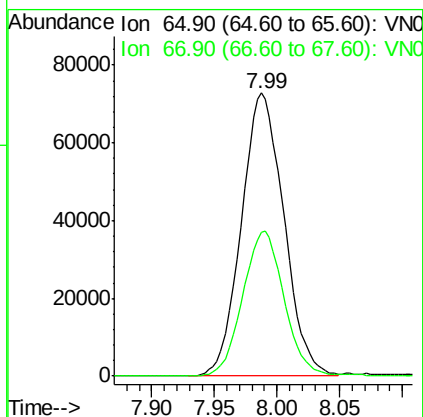
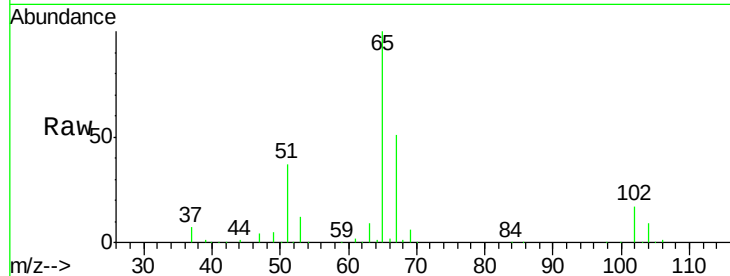




#33
 1,2-Dichloroethane-d4
 Concen: 51.058 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063662.D
 Acq: 25 Sep 2020 5:49

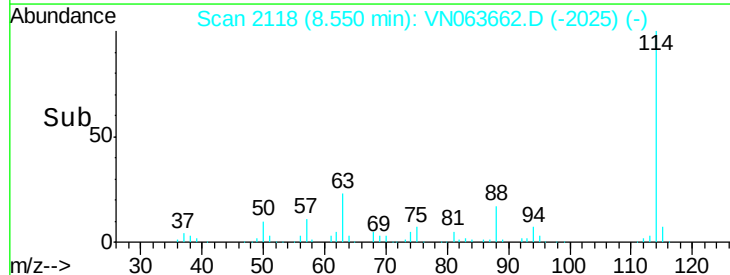
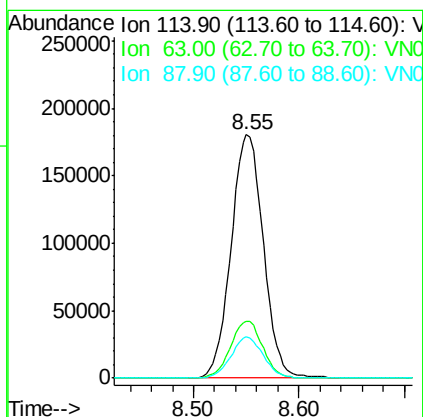
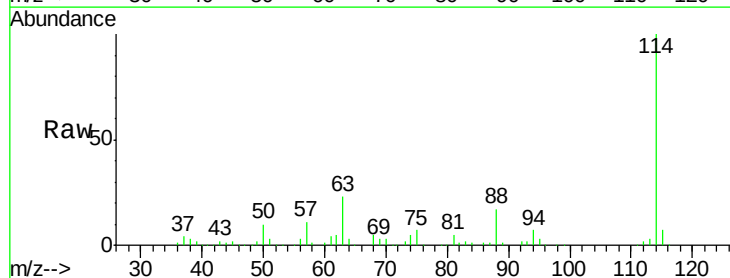
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-092320

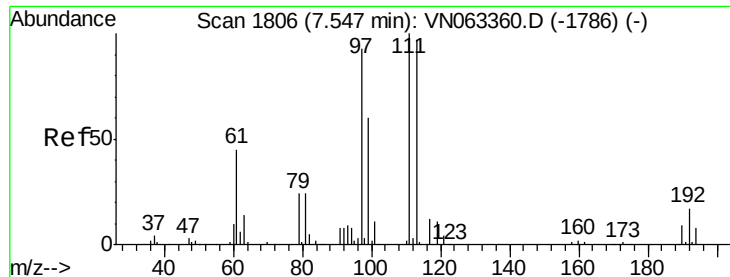
Tot Ion: 65 Resp: 171920
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063662.D
 Acq: 25 Sep 2020 5:49

Tgt Ion: 114 Resp: 382709
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.4
 88 16.9 0.0 33.2

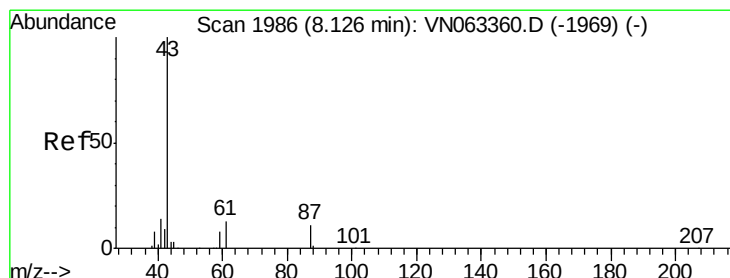
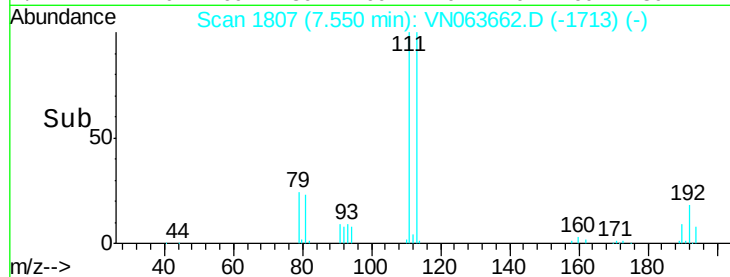
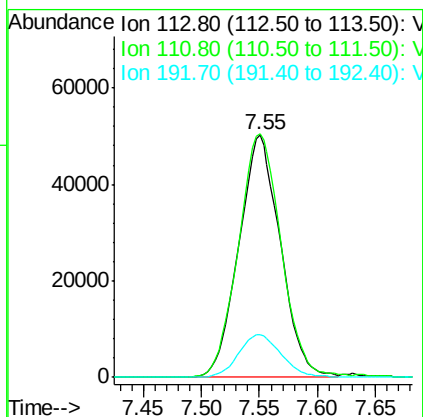
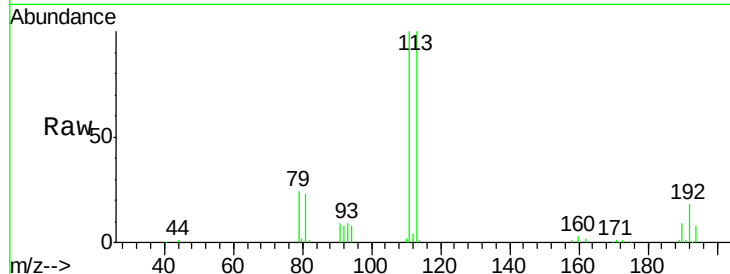




#35
 Dibromofluoromethane
 Concen: 47.096 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063662.D
 Acq: 25 Sep 2020 5:49

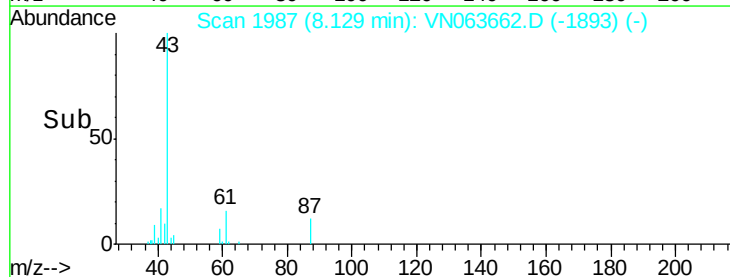
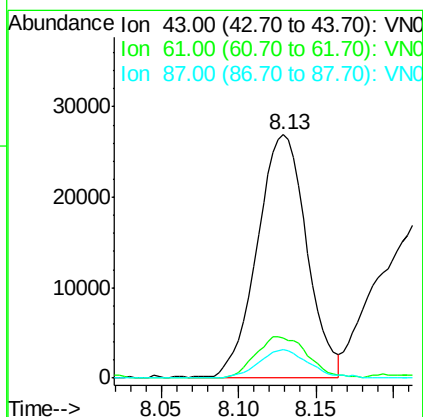
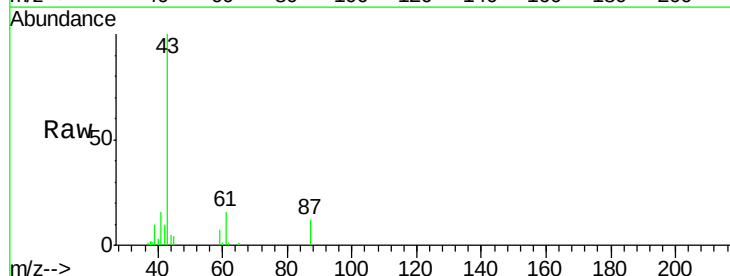
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-092320

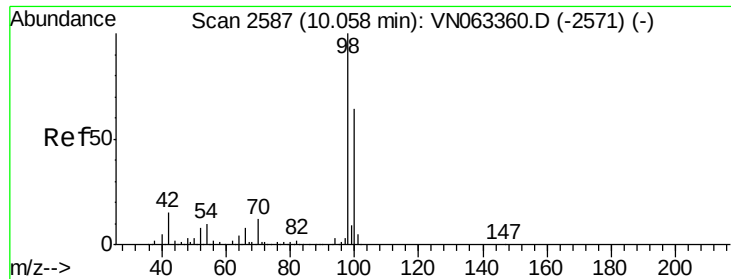
Tot Ion:113 Resp: 124778
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.9 124.3
 192 18.1 13.9 20.9



#43
 Isopropyl Acetate
 Concen: 8.399 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063662.D
 Acq: 25 Sep 2020 5:49

Tgt Ion: 43 Resp: 60097
 Ion Ratio Lower Upper
 43 100
 61 17.8 14.2 21.2
 87 11.6 9.0 13.6





#50

Toluene-d8

Concen: 49.315 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063662.D

Acq: 25 Sep 2020 5:49

Instrument :

MSVOA_N

ClientSampleId :

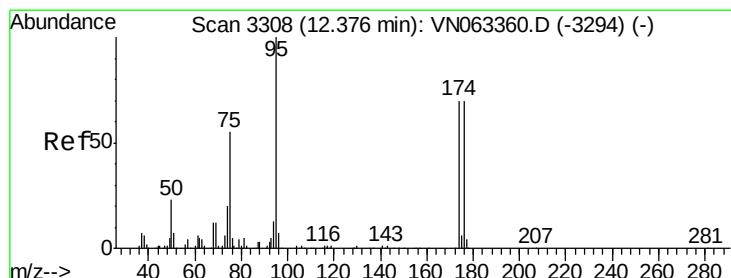
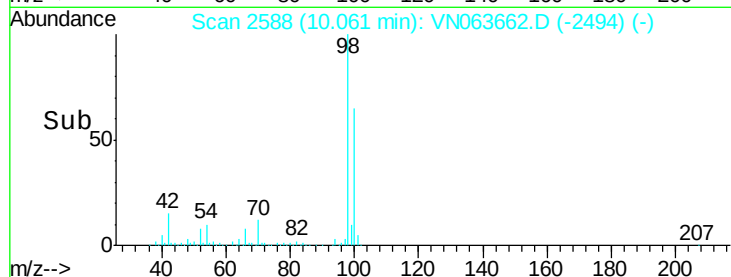
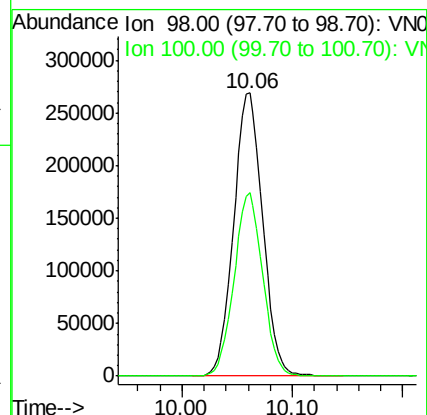
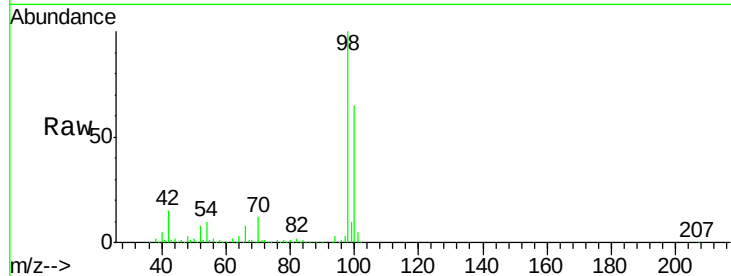
TR-04-092320

Tot Ion: 98 Resp: 491287

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.613 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063662.D

Acq: 25 Sep 2020 5:49

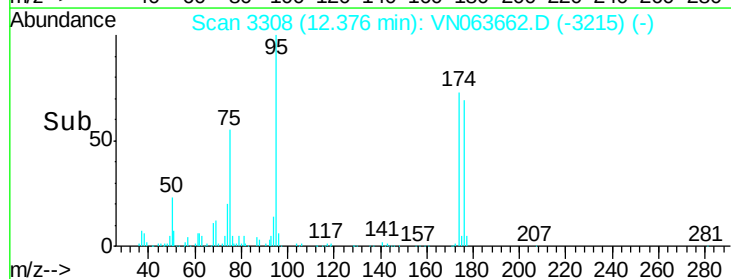
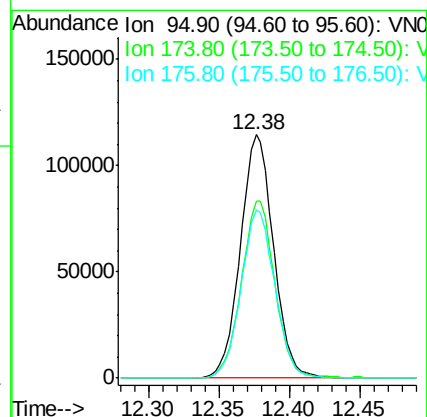
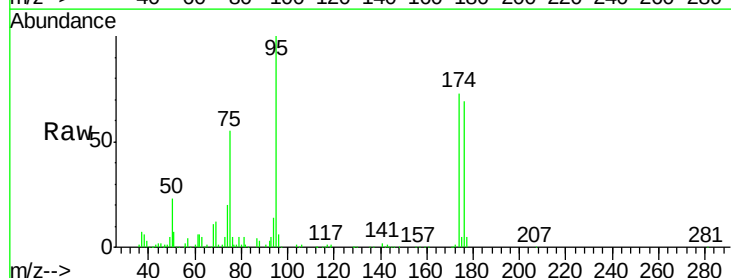
Tgt Ion: 95 Resp: 188490

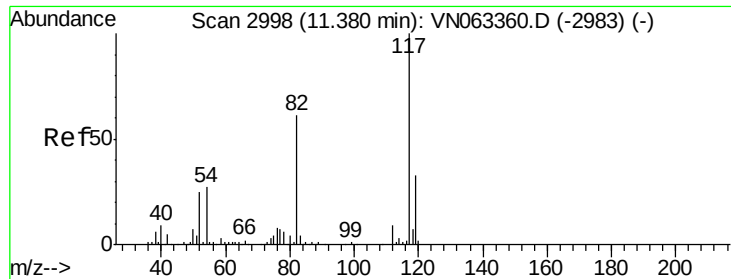
Ion Ratio Lower Upper

95 100

174 73.7 0.0 140.8

176 70.5 0.0 137.6

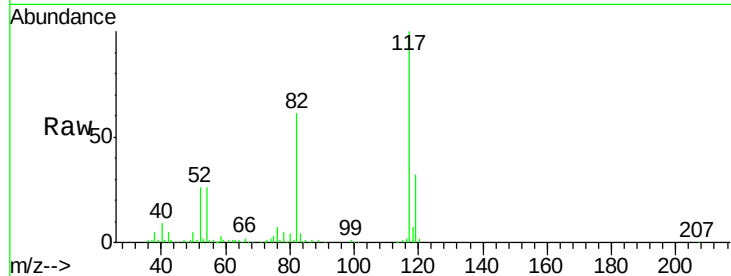




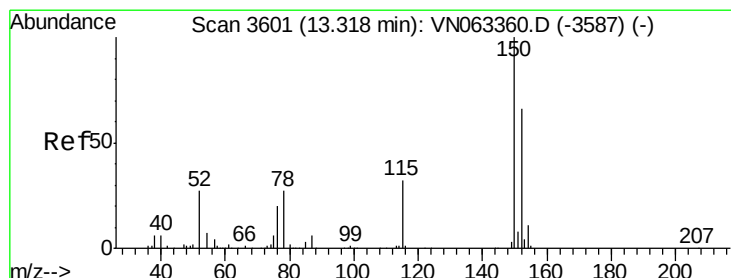
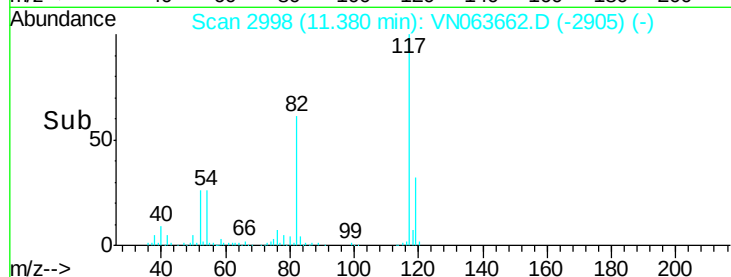
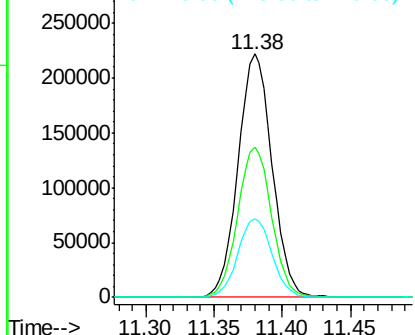
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063662.D
Acq: 25 Sep 2020 5:49

Instrument :
MSVOA_N
ClientSampleId :
TR-04-092320

Tot Ion:117 Resp: 384883
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 32.5 26.2 39.4

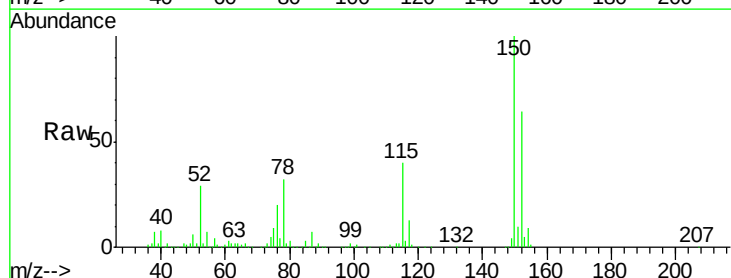


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063662.D
Acq: 25 Sep 2020 5:49

Tgt Ion:152 Resp: 161271
Ion Ratio Lower Upper
152 100
115 63.0 32.2 96.6
150 155.0 0.0 343.4



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

