

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063695.D
 Acq On : 25 Sep 2020 21:54
 Operator : JC/MD
 Sample : L4133-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW4S

Quant Time: Sep 28 09:01:13 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

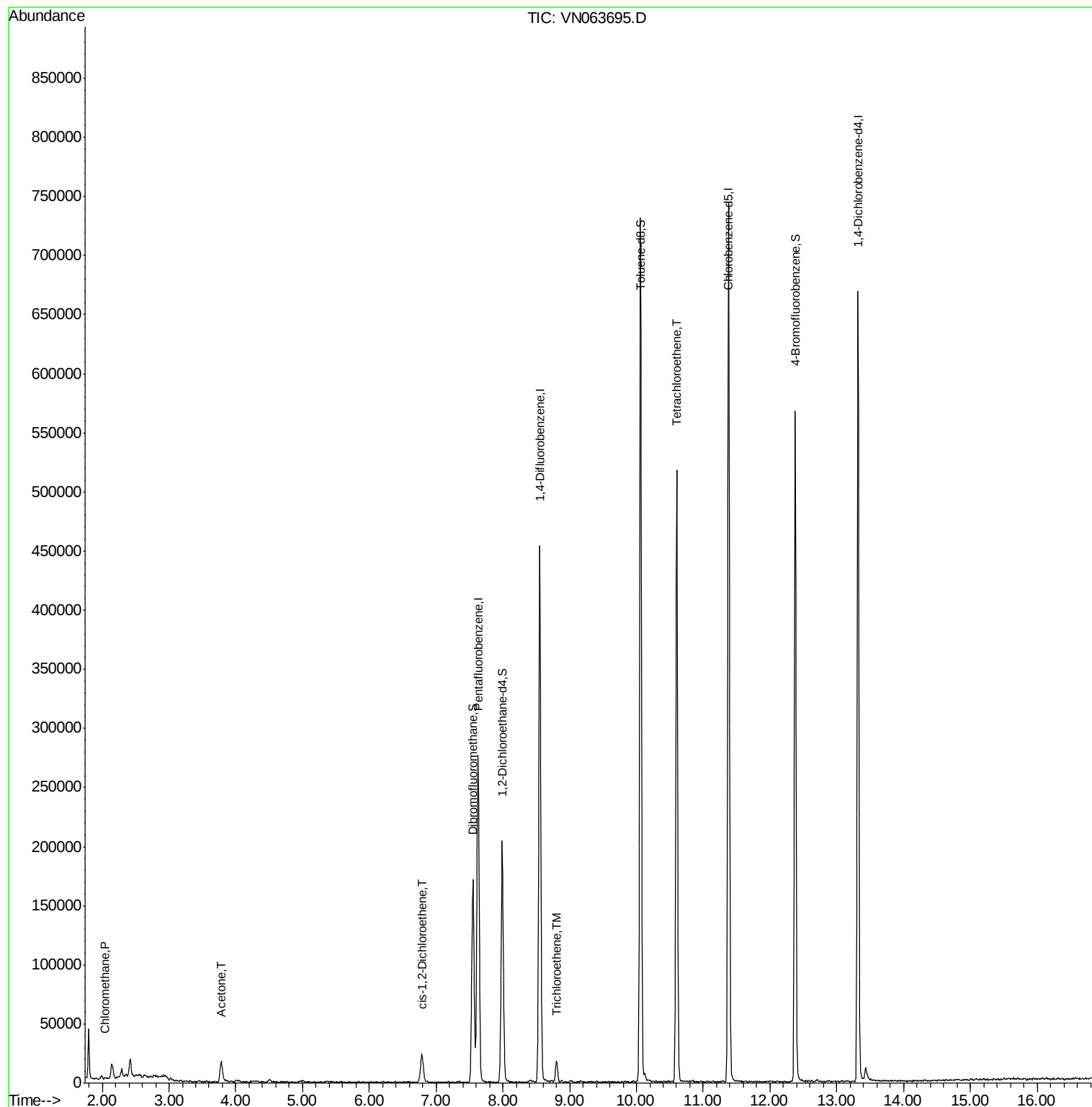
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	198501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	372671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	379750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	176160	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
35) Dibromofluoromethane	7.55	113	125315	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	10.06	98	481278	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.38	95	186246	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	919	0.309	ug/l	93
16) Acetone	3.78	43	30604	28.182	ug/l	94
27) cis-1,2-Dichloroethene	6.78	96	12380	4.407	ug/l	84
44) Trichloroethene	8.81	130	5593	2.035	ug/l	87
64) Tetrachloroethene	10.60	164	106890	41.337	ug/l	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092520\
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QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN063695.D

Acq: 25 Sep 2020 21:54

Instrument :

MSVOA_N

ClientSampleId :

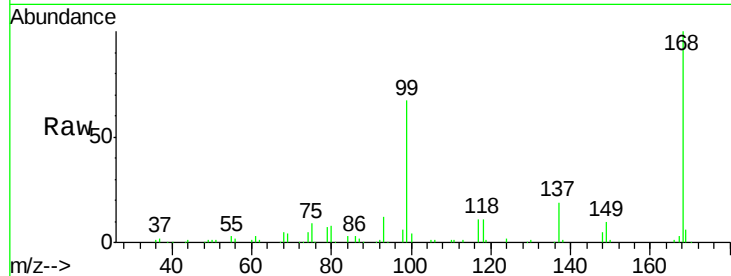
MW4S

Tot Ion:168 Resp: 198501

Ion Ratio Lower Upper

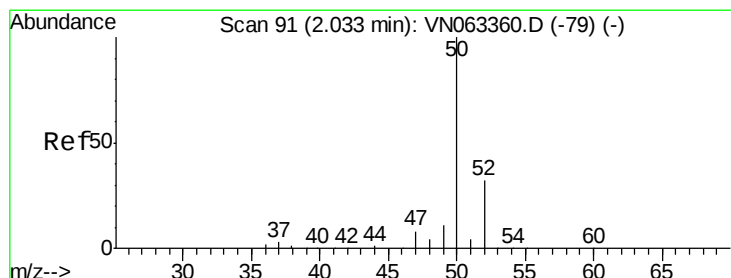
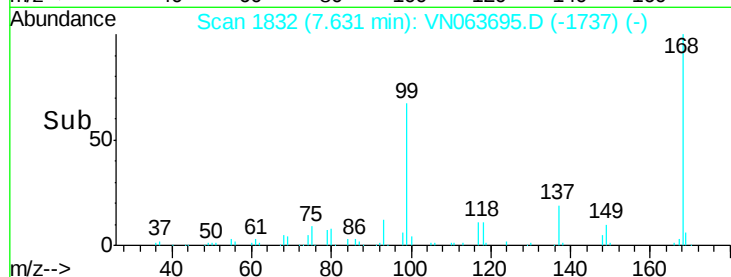
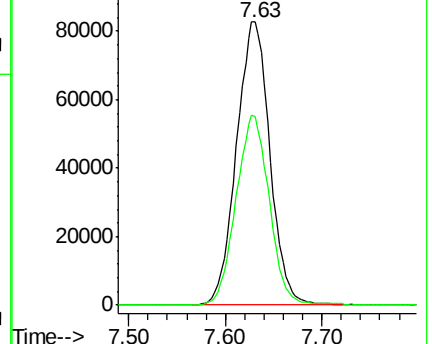
168 100

99 66.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.309 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063695.D

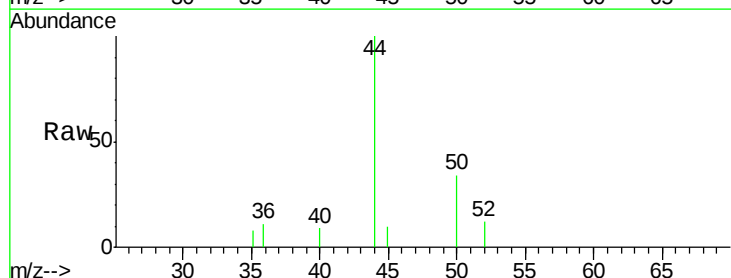
Acq: 25 Sep 2020 21:54

Tgt Ion: 50 Resp: 919

Ion Ratio Lower Upper

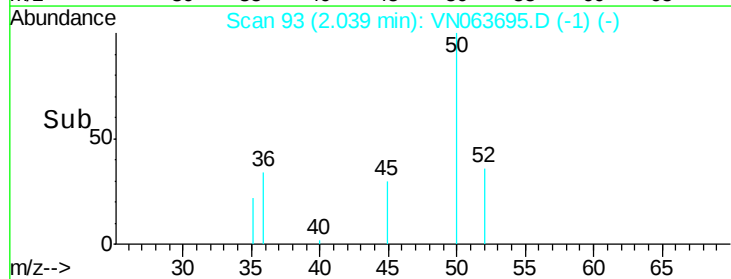
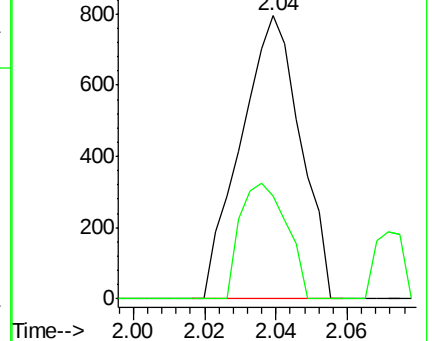
50 100

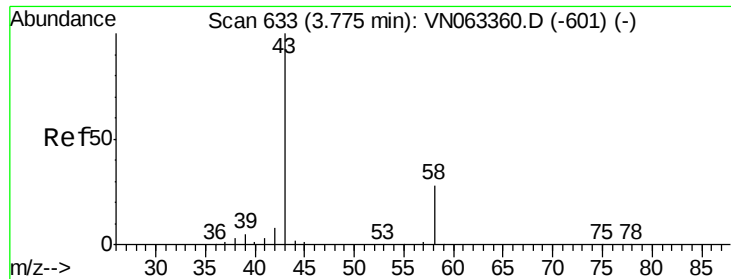
52 36.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#16

Acetone

Concen: 28.182 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063695.D

Acq: 25 Sep 2020 21:54

Instrument :

MSVOA_N

ClientSampled :

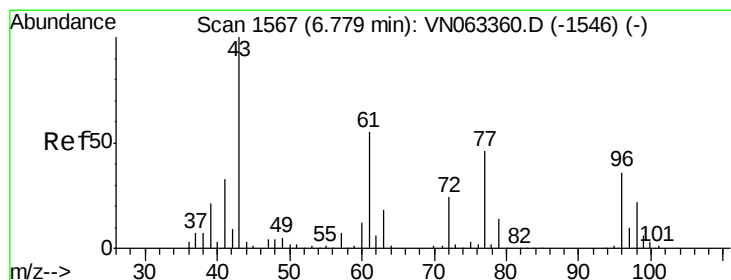
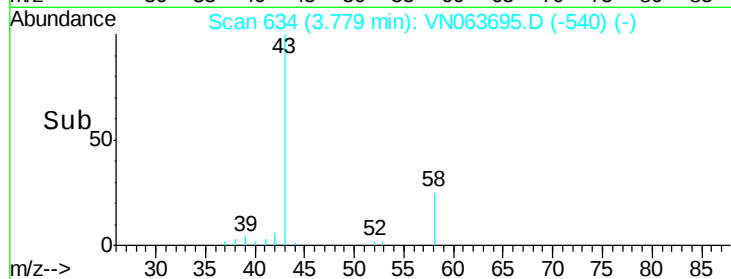
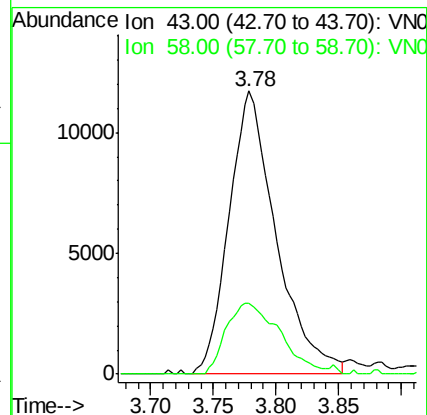
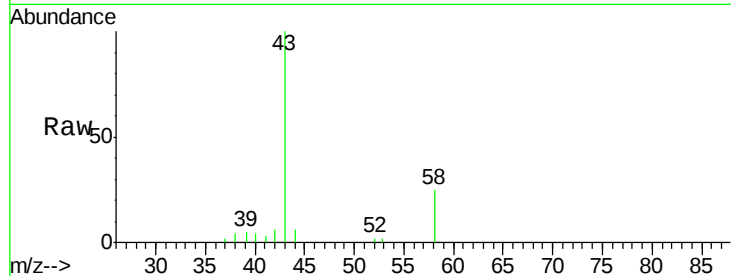
MW4S

Tot Ion: 43 Resp: 30604

Ion Ratio Lower Upper

43 100

58 25.0 22.3 33.5



#27

cis-1,2-Dichloroethene

Concen: 4.407 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063695.D

Acq: 25 Sep 2020 21:54

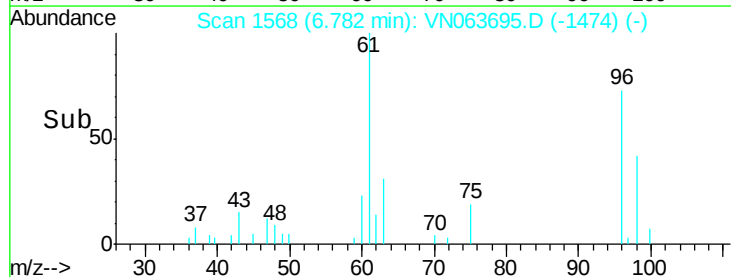
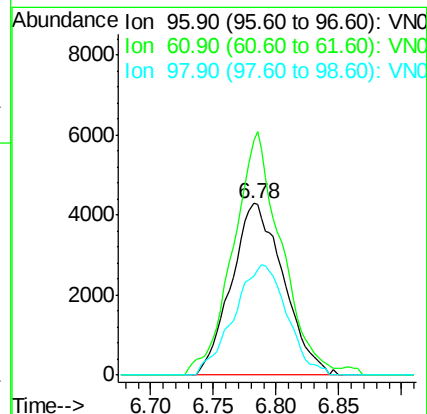
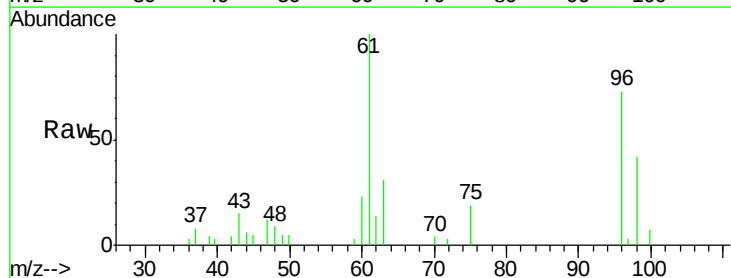
Tgt Ion: 96 Resp: 12380

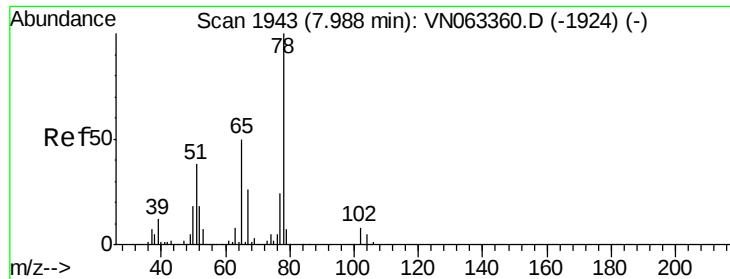
Ion Ratio Lower Upper

96 100

61 130.6 0.0 319.6

98 65.3 0.0 127.8

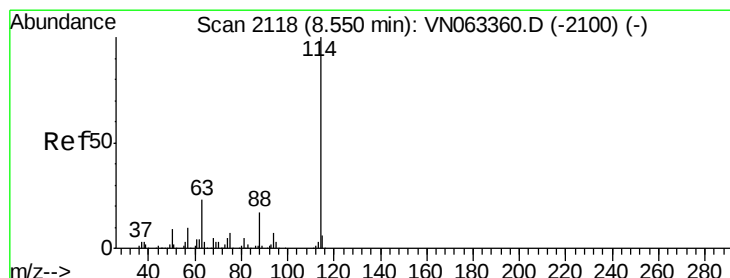
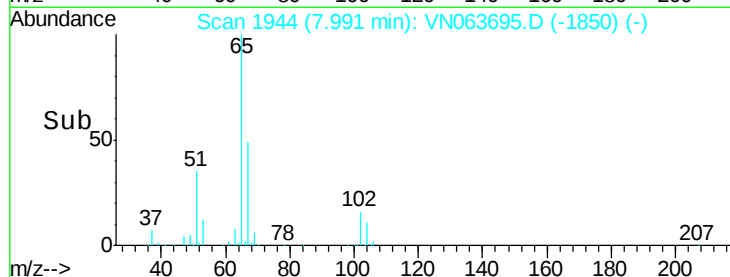
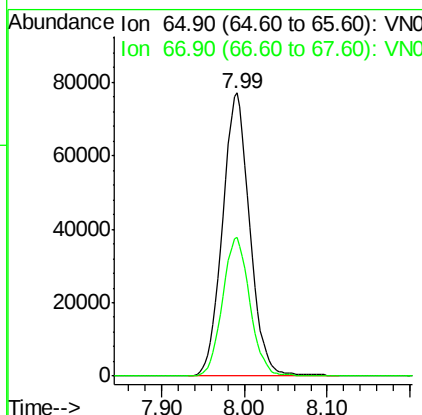
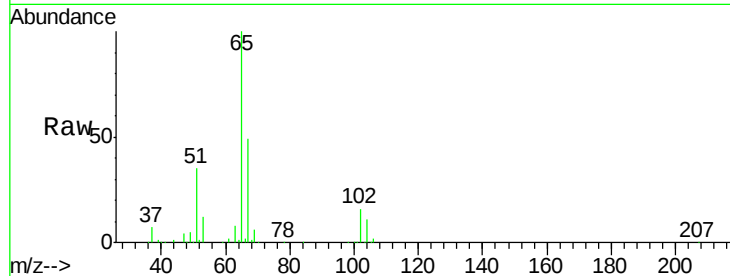




#33
 1,2-Dichloroethane-d4
 Concen: 52.134 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063695.D
 Acq: 25 Sep 2020 21:54

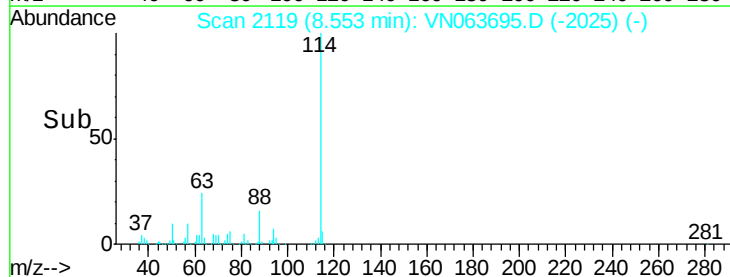
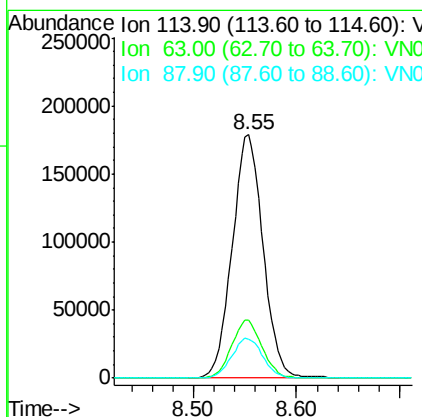
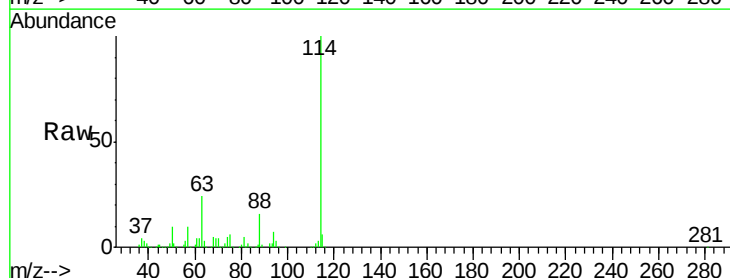
Instrument :
 MSVOA_N
 ClientSampleId :
 MW4S

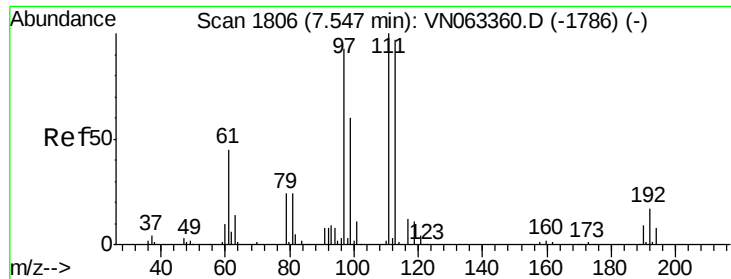
Tot Ion: 65 Resp: 176160
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063695.D
 Acq: 25 Sep 2020 21:54

Tgt Ion: 114 Resp: 372671
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.4
 88 16.1 0.0 33.2

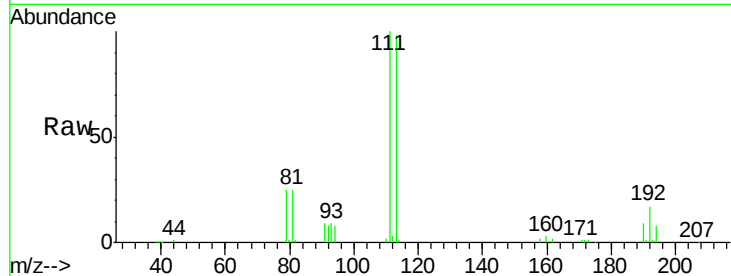




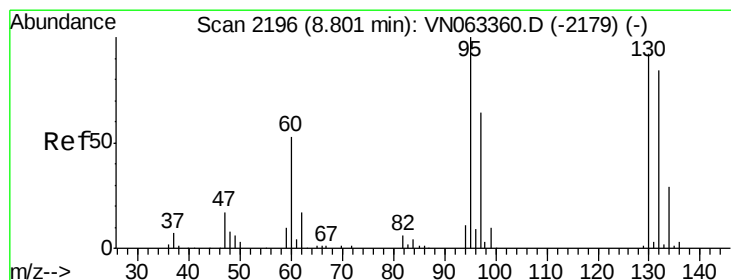
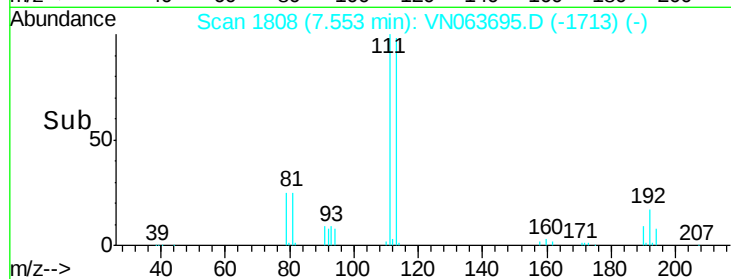
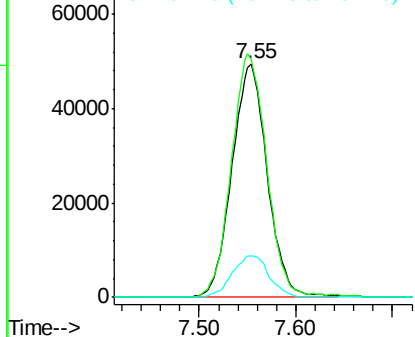
#35
Dibromofluoromethane
Concen: 48.573 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VN063695.D
Acq: 25 Sep 2020 21:54

Instrument :
MSVOA_N
ClientSampleId :
MW4S

Tot Ion:113 Resp: 125315
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 18.5 13.9 20.9

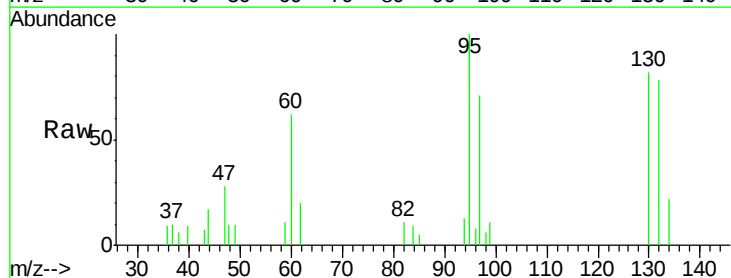


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

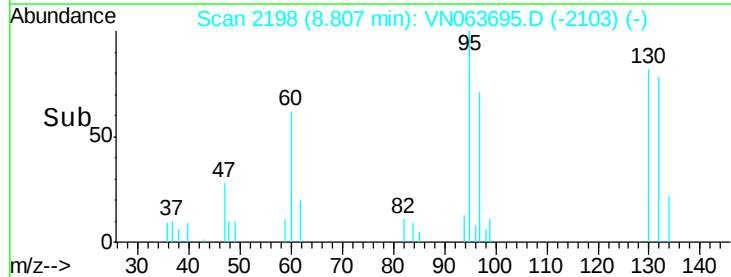
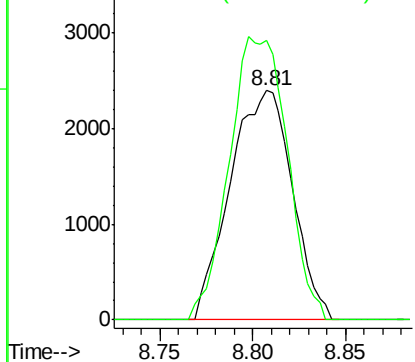


#44
Trichloroethene
Concen: 2.035 ug/l
RT: 8.81 min Scan# 2198
Delta R.T. 0.01 min
Lab File: VN063695.D
Acq: 25 Sep 2020 21:54

Tgt Ion:130 Resp: 5593
Ion Ratio Lower Upper
130 100
95 122.0 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.611 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063695.D

Acq: 25 Sep 2020 21:54

Instrument :

MSVOA_N

ClientSampleId :

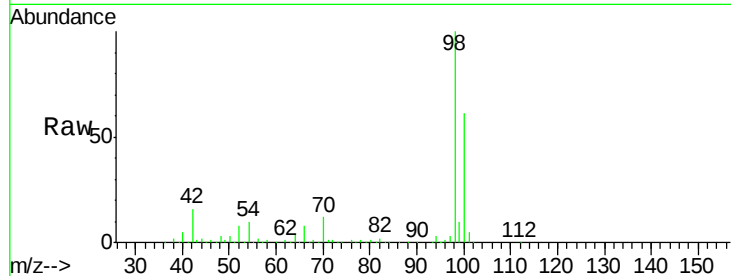
MW4S

Tot Ion: 98 Resp: 481278

Ion Ratio Lower Upper

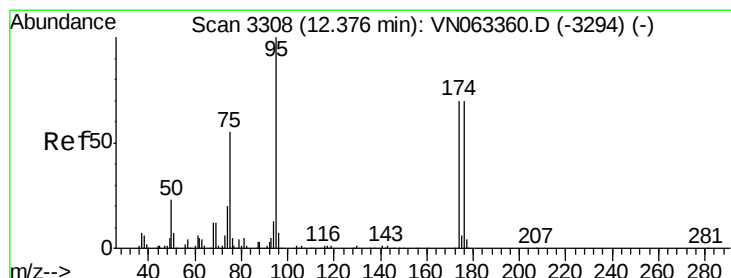
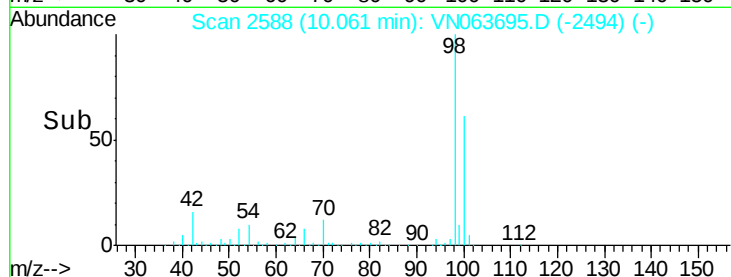
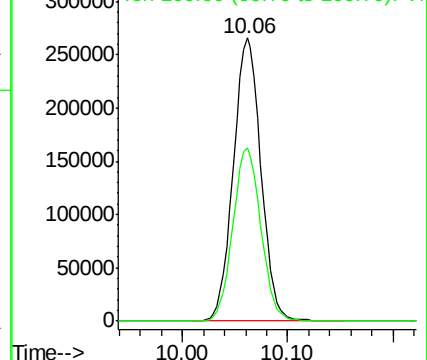
98 100

100 62.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 52.372 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063695.D

Acq: 25 Sep 2020 21:54

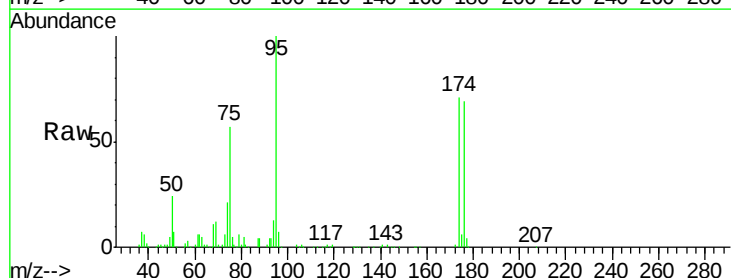
Tgt Ion: 95 Resp: 186246

Ion Ratio Lower Upper

95 100

174 73.2 0.0 140.8

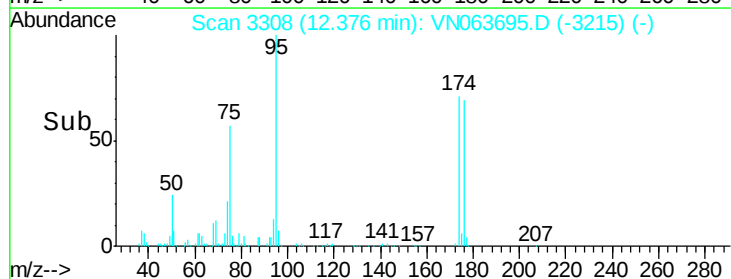
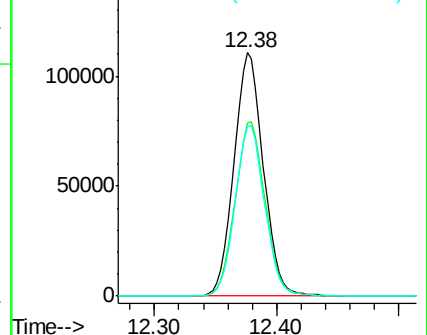
176 70.3 0.0 137.6

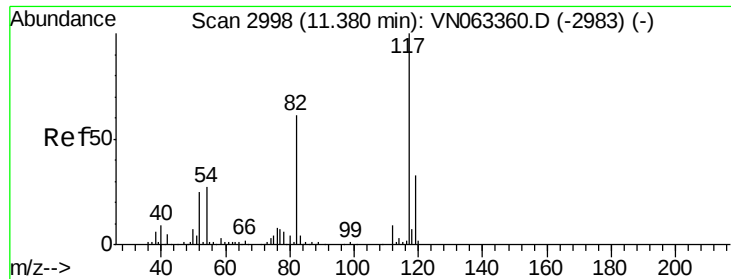


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

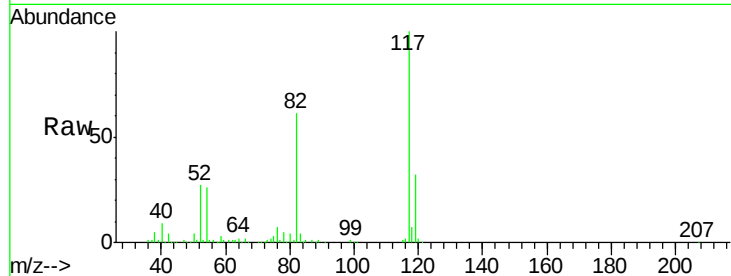




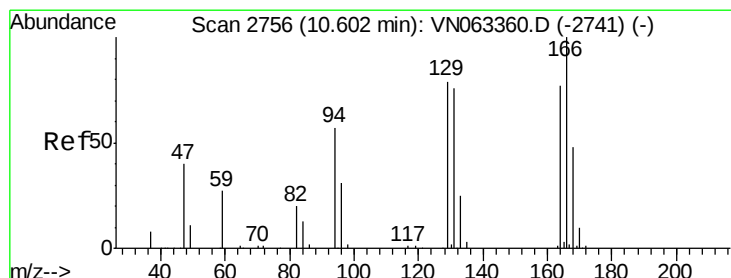
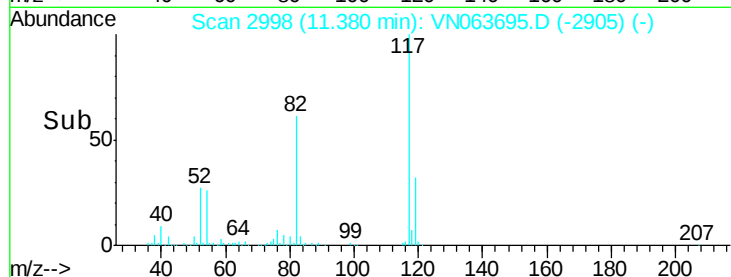
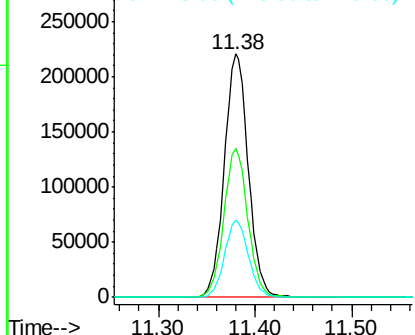
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063695.D
Acq: 25 Sep 2020 21:54

Instrument :
MSVOA_N
ClientSampleId :
MW4S

Tot Ion:117 Resp: 379750
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 31.9 26.2 39.4

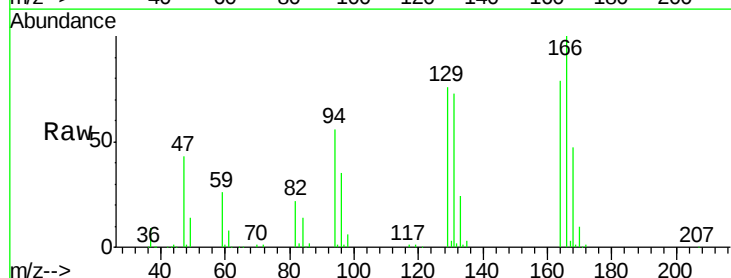


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

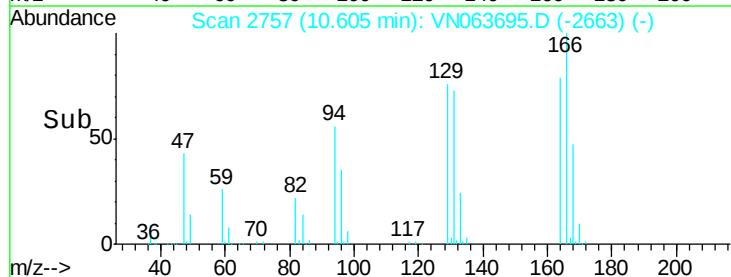
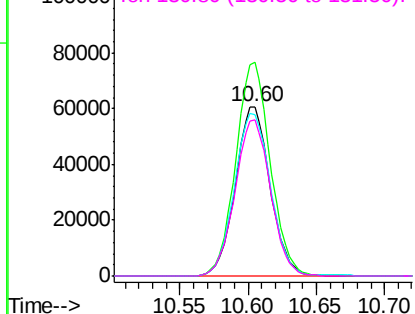


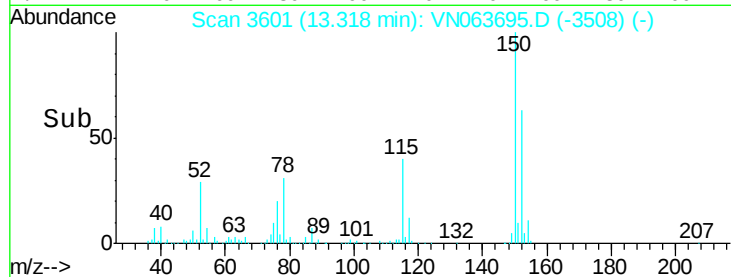
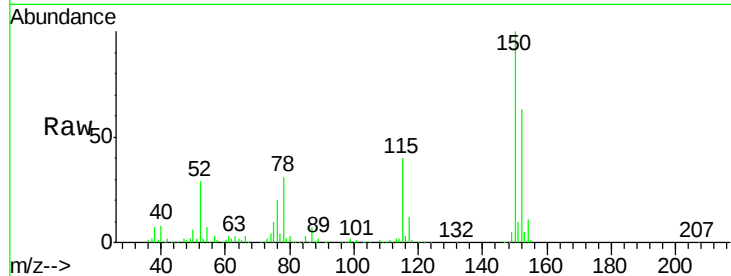
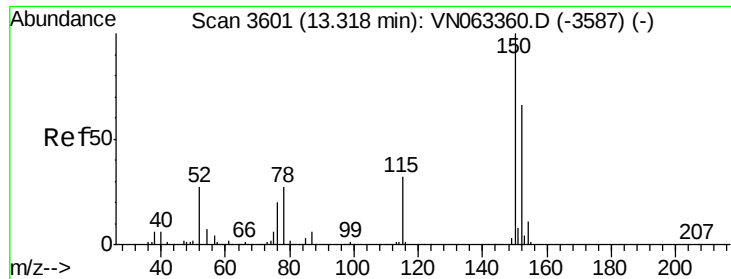
#64
Tetrachloroethene
Concen: 41.337 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063695.D
Acq: 25 Sep 2020 21:54

Tgt Ion:164 Resp: 106890
Ion Ratio Lower Upper
164 100
166 126.2 103.4 155.0
129 95.4 81.8 122.6
131 92.0 78.2 117.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VN063695.D

Acq: 25 Sep 2020 21:54

Instrument :

MSVOA_N

ClientSampleId :

MW4S

Tot Ion:152 Resp: 159928

Ion Ratio Lower Upper

152 100

115 62.9 32.2 96.6

150 157.6 0.0 343.4

