

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063978.D
 Acq On : 8 Oct 2020 6:53
 Operator : JC/MD
 Sample : L4276-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW4D

Quant Time: Oct 08 07:15:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

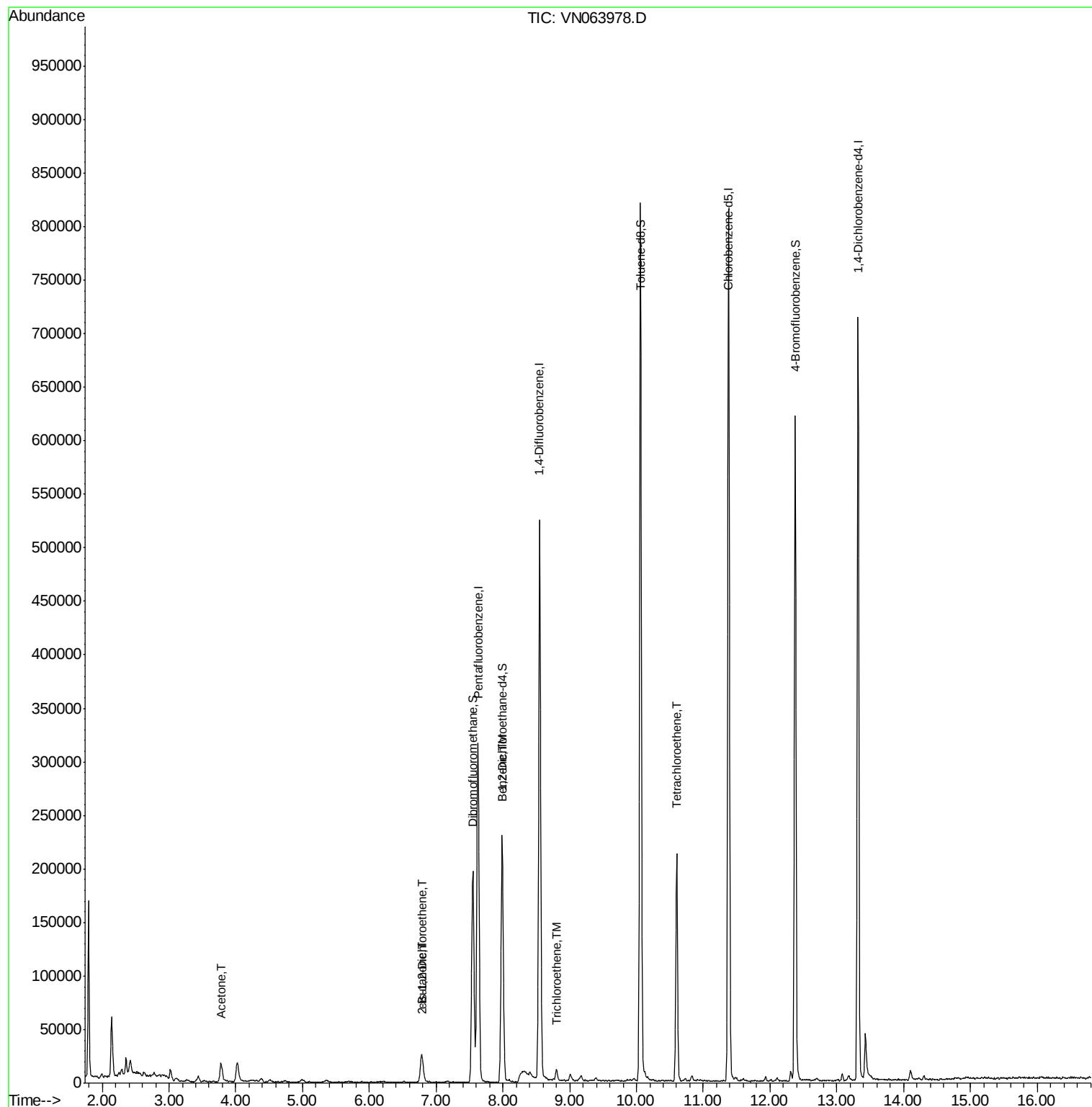
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	239226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	440051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	201283	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	7.55	113	147937	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	10.06	98	551241	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.38	95	208629	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
Target Compounds						
16) Acetone	3.78	43	29938	24.608	ug/l	92
25) 2-Butanone	6.80	43	10729	6.220	ug/l	93
27) cis-1,2-Dichloroethene	6.78	96	10227	3.296	ug/l	97
40) Benzene	8.00	78	7854	0.630	ug/l #	86
44) Trichloroethene	8.80	130	3604	1.103	ug/l	83
64) Tetrachloroethene	10.60	164	46286	13.595	ug/l	95

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
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: VN063978.D

Acq: 8 Oct 2020 6:53

Instrument :

MSVOA_N

ClientSampled :

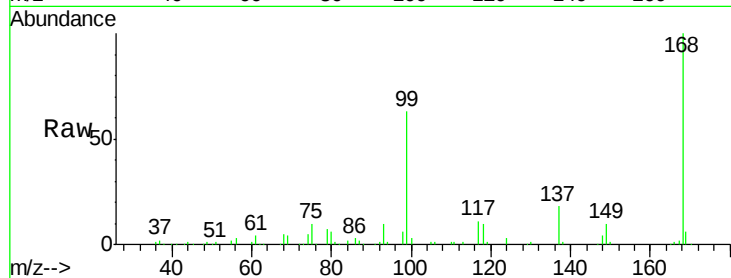
MW4D

Tot Ion:168 Resp: 239226

Ion Ratio Lower Upper

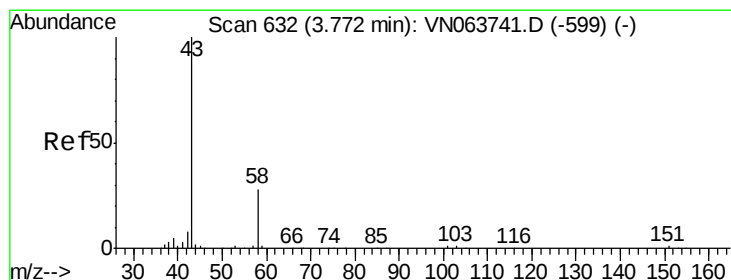
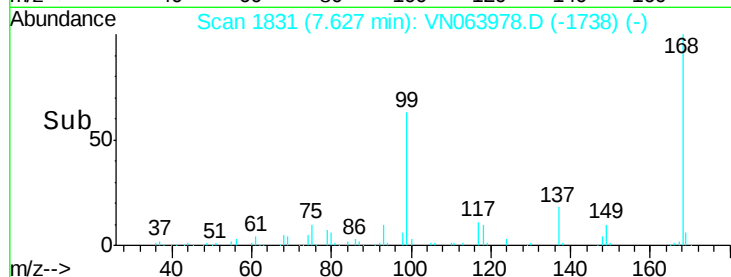
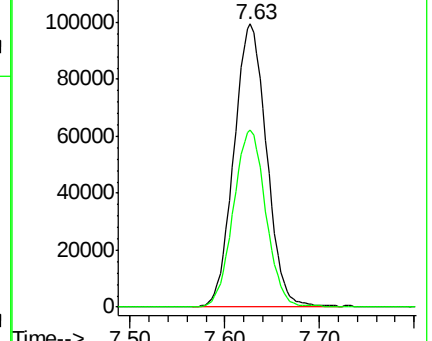
168 100

99 62.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 24.608 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063978.D

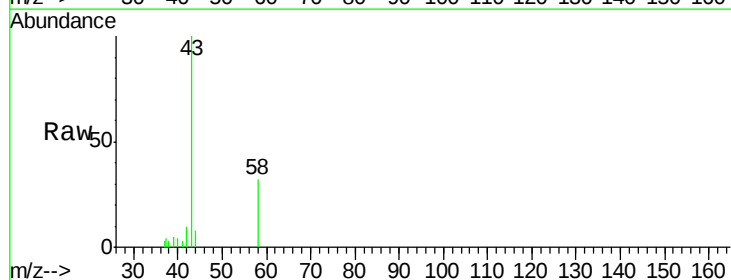
Acq: 8 Oct 2020 6:53

Tgt Ion: 43 Resp: 29938

Ion Ratio Lower Upper

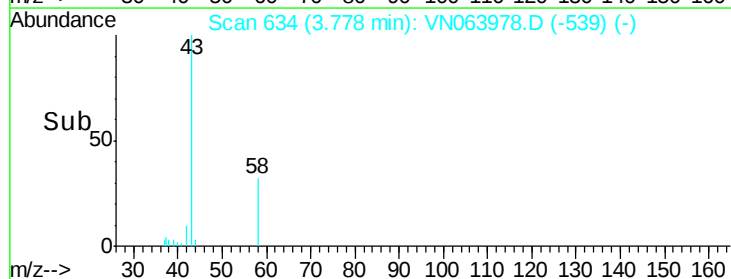
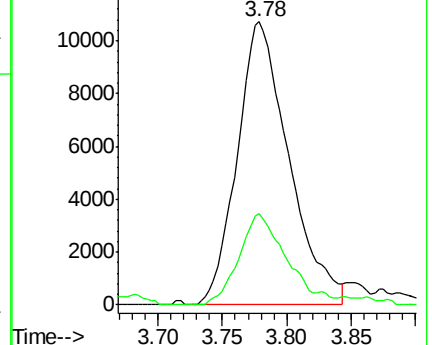
43 100

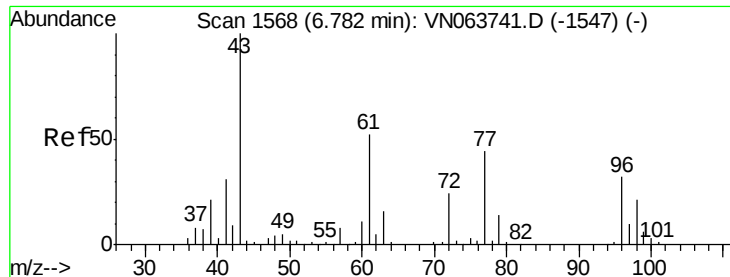
58 32.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#25

2-Butanone

Concen: 6.220 ug/l

RT: 6.80 min Scan# 1575

Delta R.T. 0.02 min

Lab File: VN063978.D

Acq: 8 Oct 2020 6:53

Instrument :

MSVOA_N

ClientSampled :

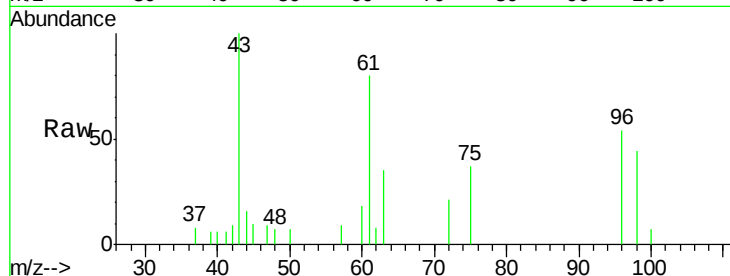
MW4D

Tot Ion: 43 Resp: 10729

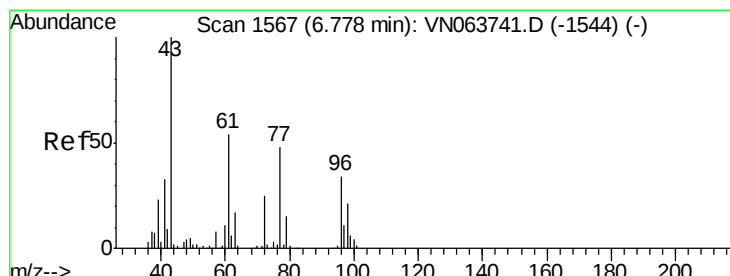
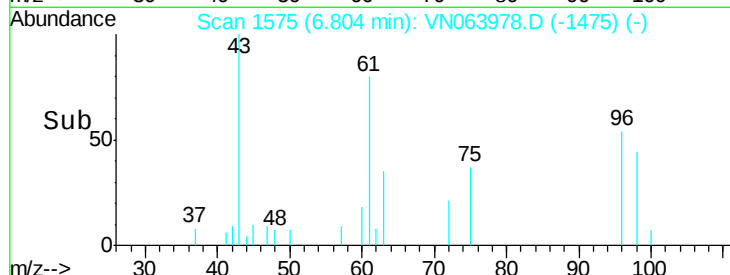
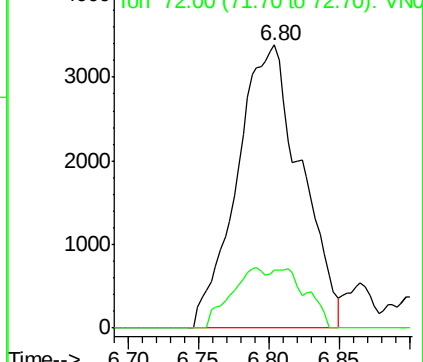
Ion Ratio Lower Upper

43 100

72 20.5 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1547) (-)



#27

cis-1,2-Dichloroethene

Concen: 3.296 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063978.D

Acq: 8 Oct 2020 6:53

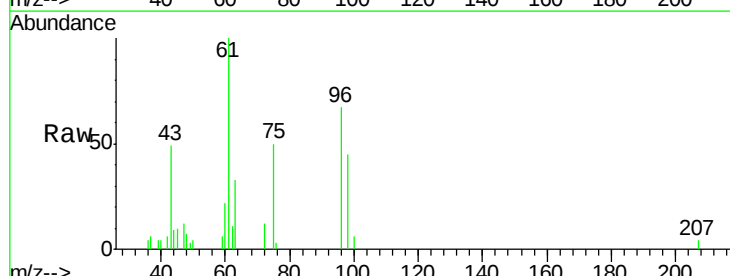
Tgt Ion: 96 Resp: 10227

Ion Ratio Lower Upper

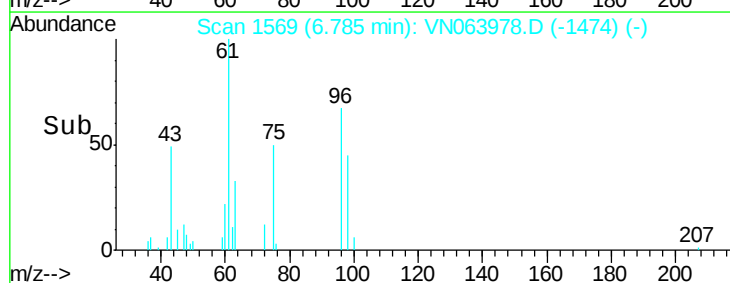
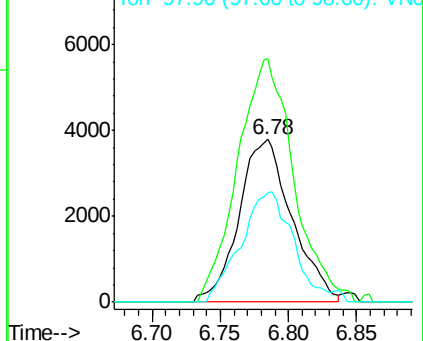
96 100

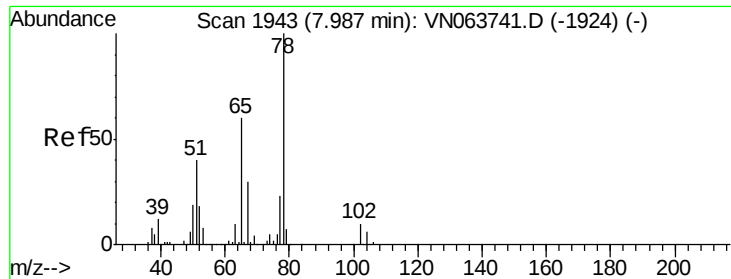
61 158.7 0.0 321.2

98 68.0 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-1544) (-)

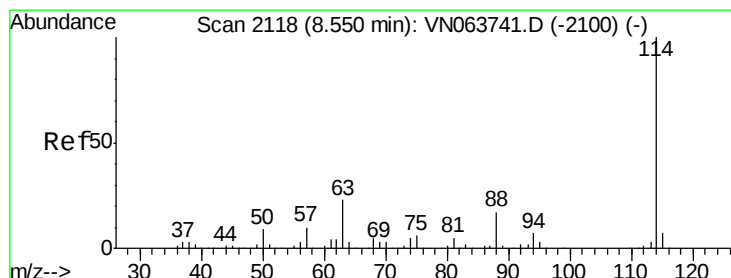
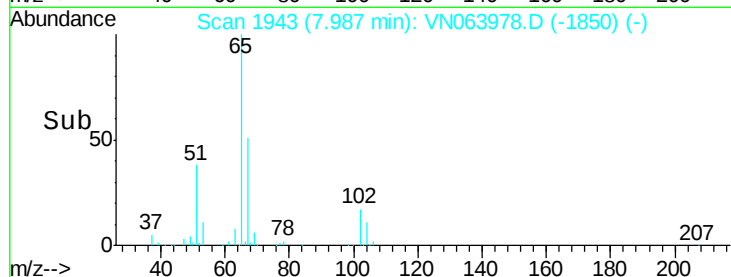
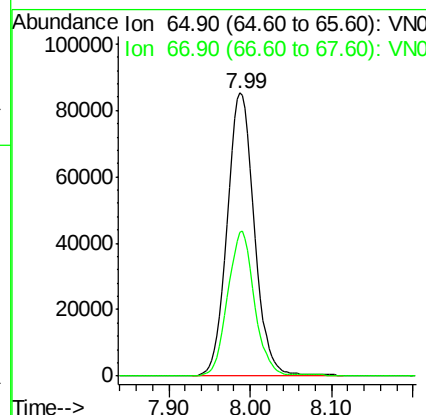
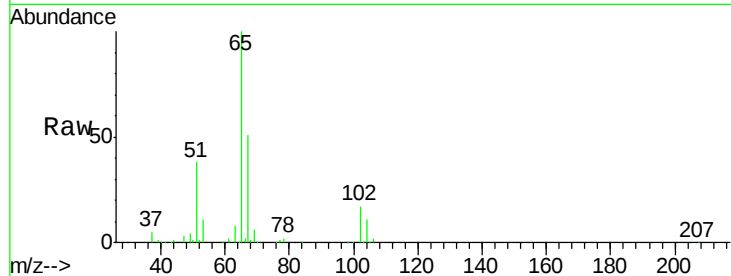




#33
 1,2-Dichloroethane-d4
 Concen: 50.930 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063978.D
 Acq: 8 Oct 2020 6:53

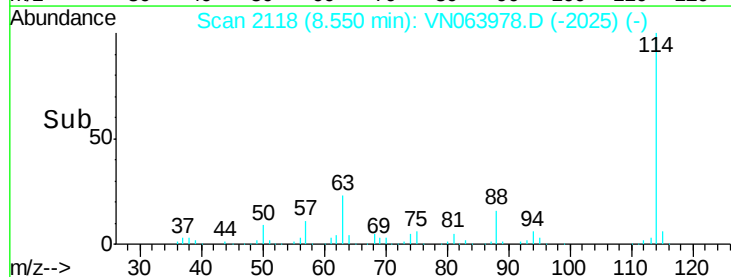
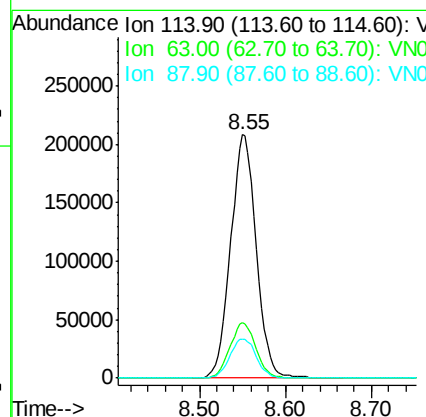
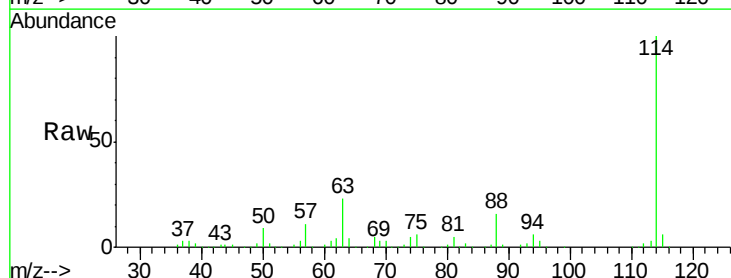
Instrument :
 MSVOA_N
 ClientSampleId :
 MW4D

Tot Ion: 65 Resp: 201283
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063978.D
 Acq: 8 Oct 2020 6:53

Tgt Ion: 114 Resp: 431003
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 16.2 0.0 34.0

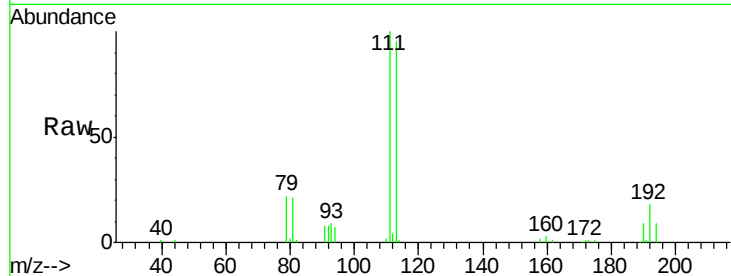




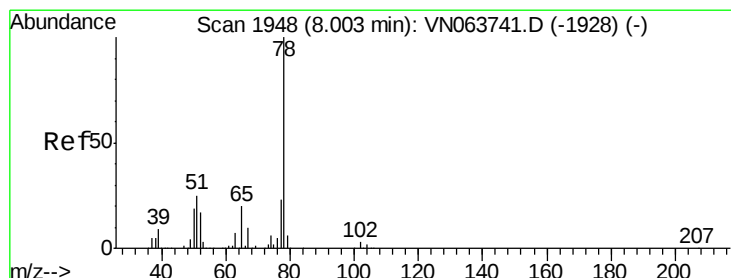
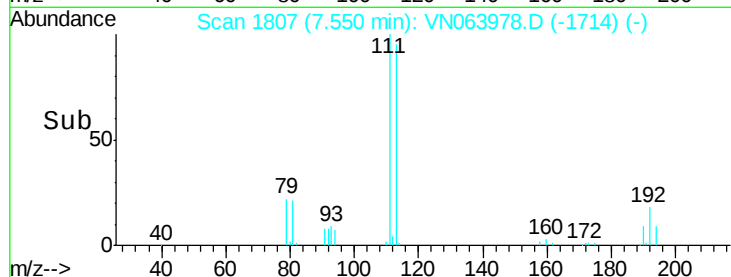
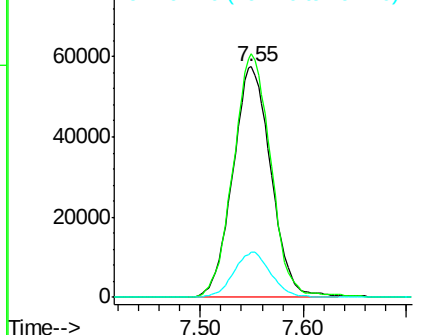
#35
 Dibromofluoromethane
 Concen: 49.467 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063978.D
 Acq: 8 Oct 2020 6:53

Instrument :
 MSVOA_N
 ClientSampleId :
 MW4D

Tot Ion:113 Resp: 147937
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.8 122.8
 192 19.0 14.2 21.2

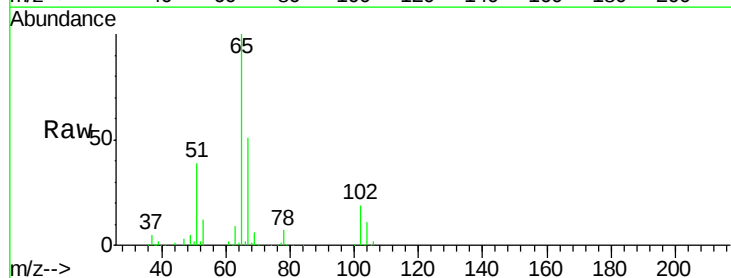


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

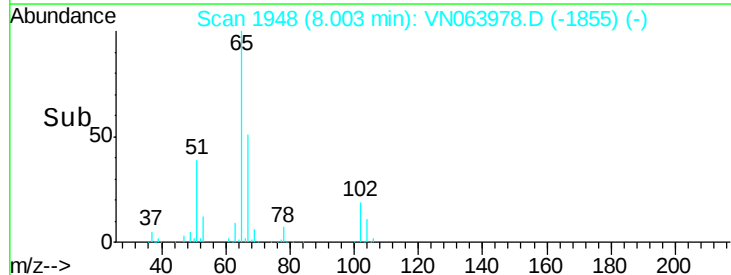
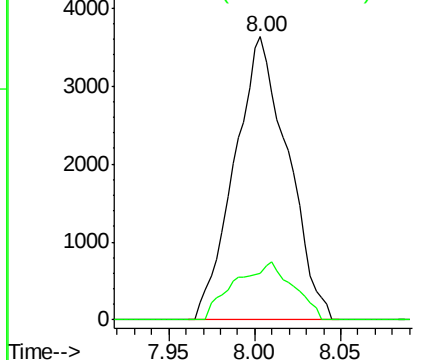


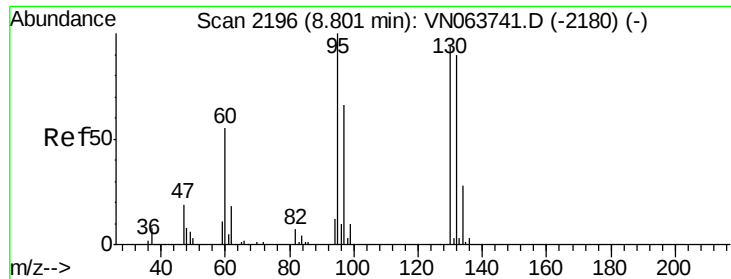
#40
 Benzene
 Concen: 0.630 ug/l
 RT: 8.00 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: VN063978.D
 Acq: 8 Oct 2020 6:53

Tgt Ion: 78 Resp: 7854
 Ion Ratio Lower Upper
 78 100
 77 16.4 18.7 28.1#



Abundance Ion 78.00 (77.70 to 78.70): V
 Ion 77.00 (76.70 to 77.70): V





#44

Trichloroethene

Concen: 1.103 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063978.D

Acq: 8 Oct 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

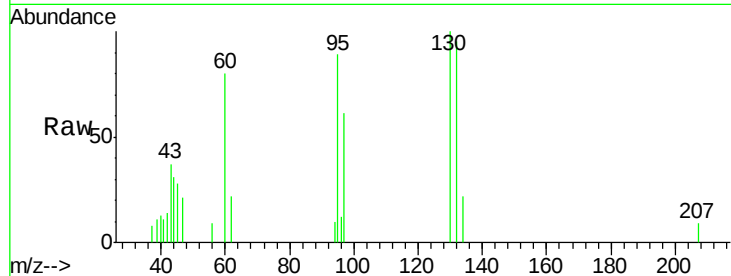
MW4D

Tot Ion:130 Resp: 3604

Ion Ratio Lower Upper

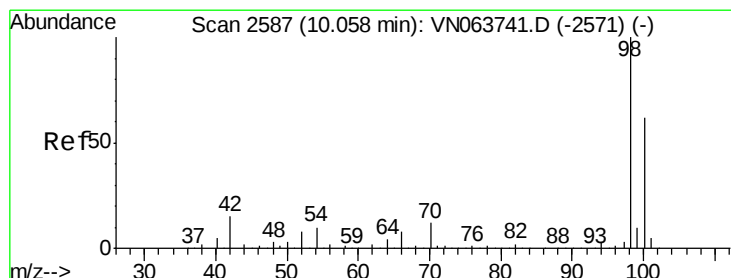
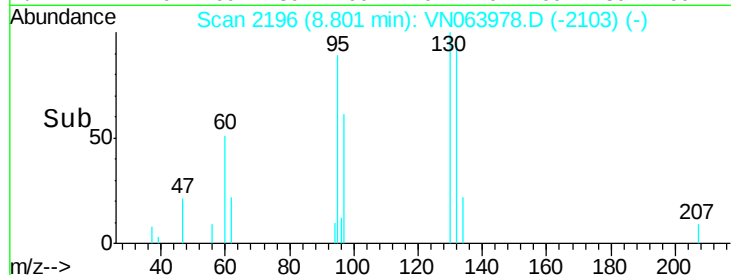
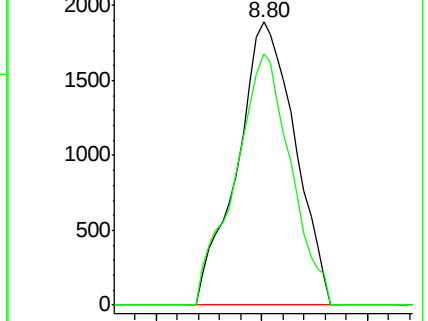
130 100

95 88.9 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 48.623 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063978.D

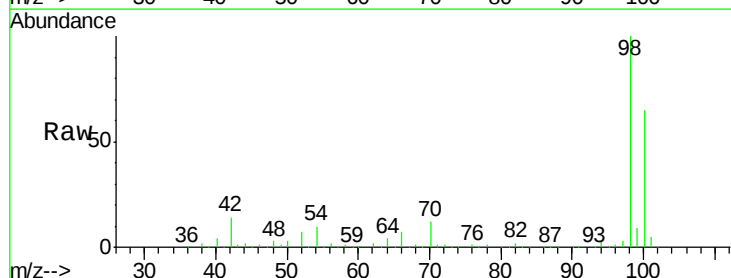
Acq: 8 Oct 2020 6:53

Tgt Ion: 98 Resp: 551241

Ion Ratio Lower Upper

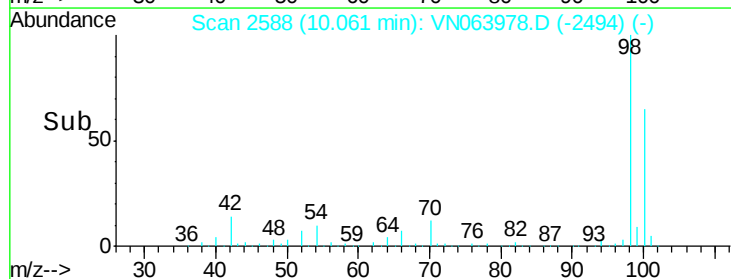
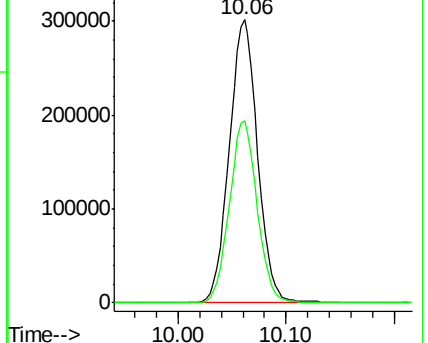
98 100

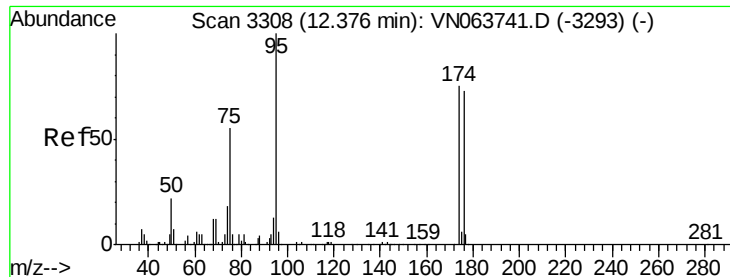
100 63.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 48.954 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063978.D

Acq: 8 Oct 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

MW4D

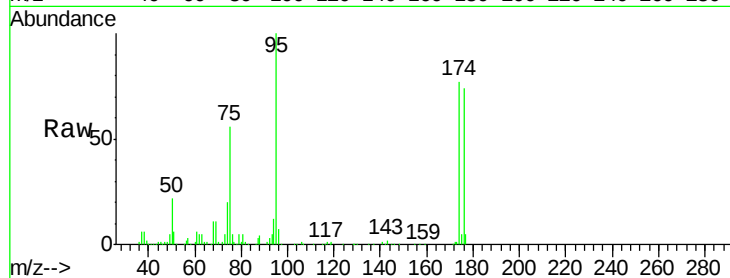
Tot Ion: 95 Resp: 208629

Ion Ratio Lower Upper

95 100

174 77.5 0.0 150.6

176 73.6 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

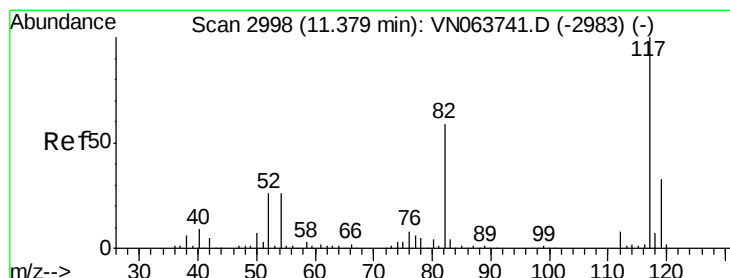
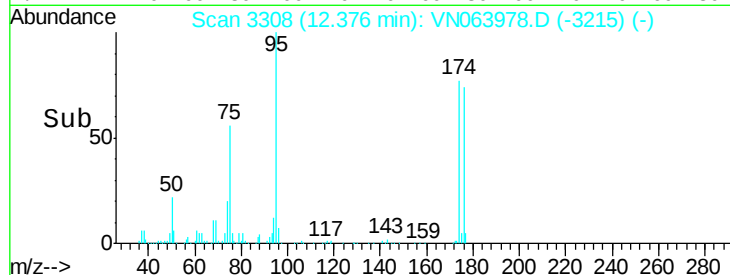
12.38

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063978.D

Acq: 8 Oct 2020 6:53

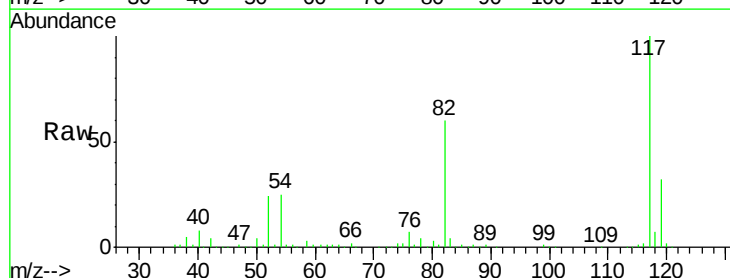
Tgt Ion: 117 Resp: 440051

Ion Ratio Lower Upper

117 100

82 59.9 47.4 71.2

119 31.7 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063741.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063741.D (-2983) (-)

11.38

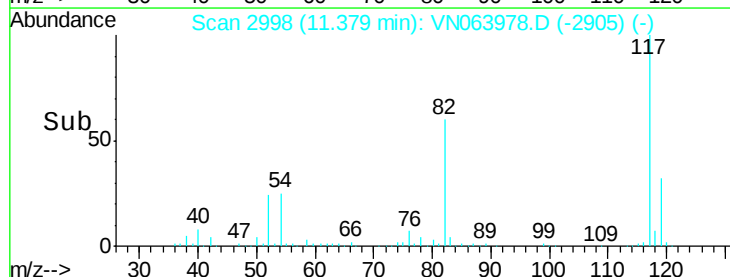
300000

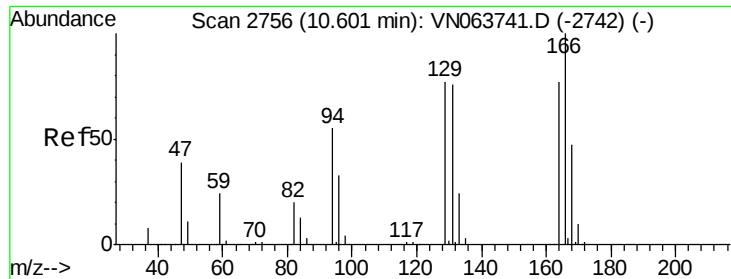
200000

100000

0

Time-->





#64

Tetrachloroethene

Concen: 13.595 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN063978.D

Acq: 8 Oct 2020 6:53

Instrument :

MSVOA_N

ClientSampleId :

MW4D

Tot Ion:164 Resp: 46286

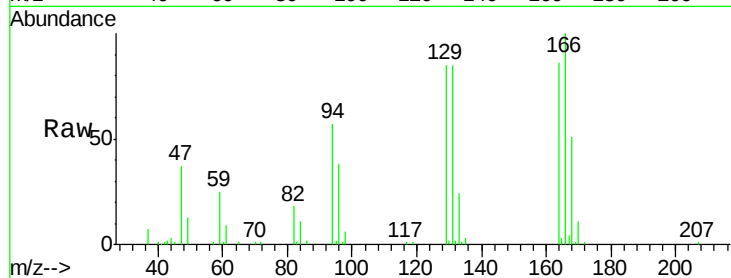
Ion Ratio Lower Upper

164 100

166 116.1 103.9 155.9

129 98.8 80.3 120.5

131 98.3 78.9 118.3

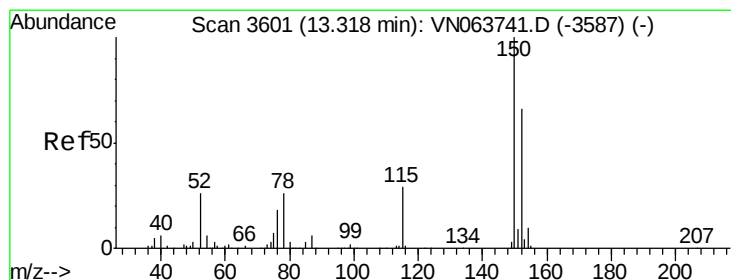
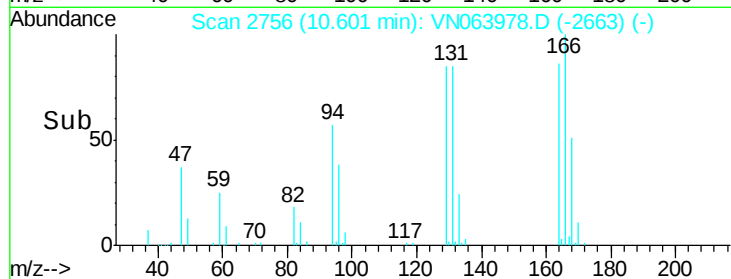
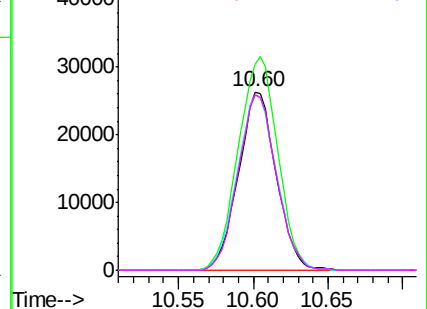


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN063978.D

Acq: 8 Oct 2020 6:53

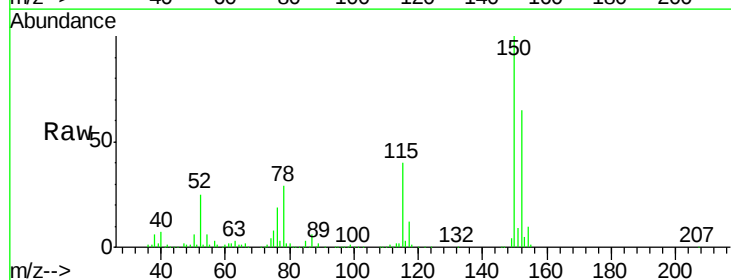
Tgt Ion:152 Resp: 181877

Ion Ratio Lower Upper

152 100

115 61.9 31.3 93.8

150 157.2 0.0 341.8



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

