

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063136.D
 Acq On : 26 Aug 2020 16:35
 Operator : JC/MD
 Sample : L3788-03 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1794

Quant Time: Aug 27 01:15:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

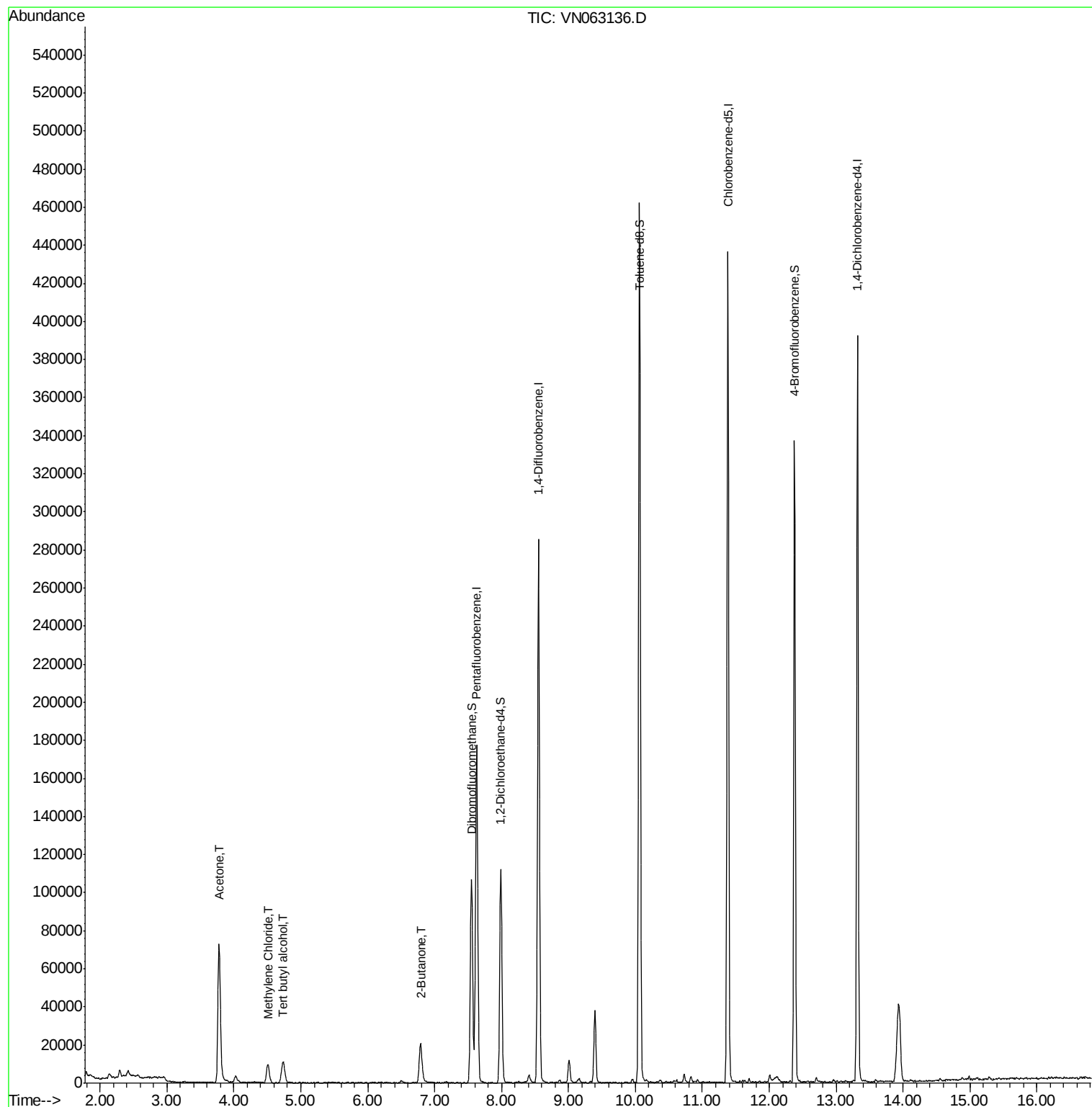
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	154053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	258060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	262407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	113396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96904	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
35) Dibromofluoromethane	7.55	113	84254	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	10.06	98	329041	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.38	95	118956	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
Target Compounds						
11) Tert butyl alcohol	4.73	59	22489	86.958	ug/l	98
16) Acetone	3.78	43	124977	219.019	ug/l	98
20) Methylene Chloride	4.51	84	7919	3.682	ug/l	96
25) 2-Butanone	6.79	43	38547	39.767	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063136.D

Acq: 26 Aug 2020 16:35

Instrument :

MSVOA_N

ClientSampleId :

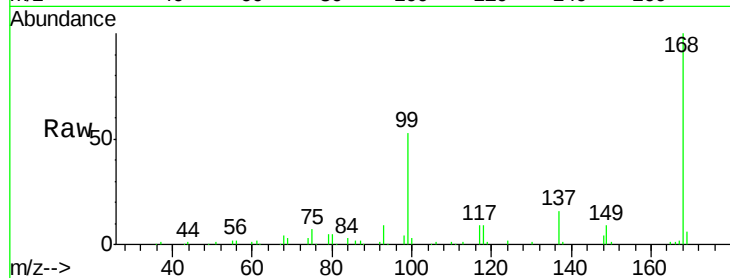
1794

Tot Ion:168 Resp: 154053

Ion Ratio Lower Upper

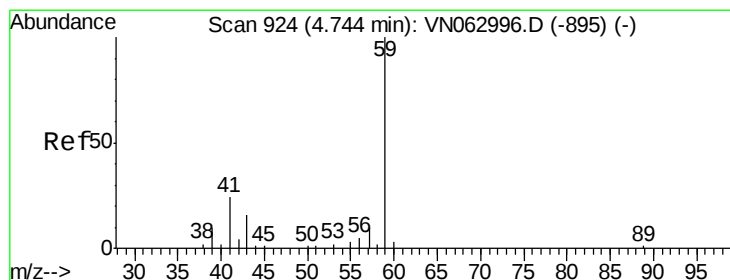
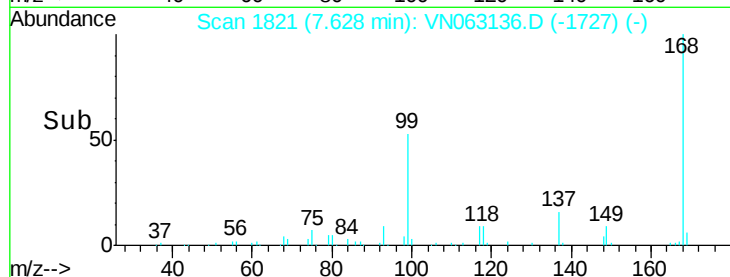
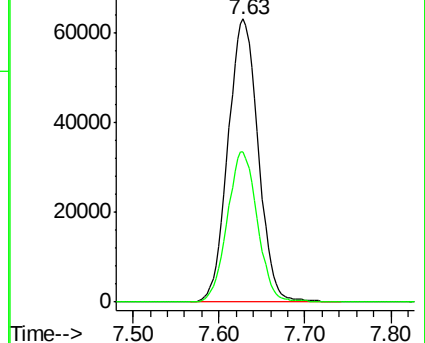
168 100

99 53.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 86.958 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.01 min

Lab File: VN063136.D

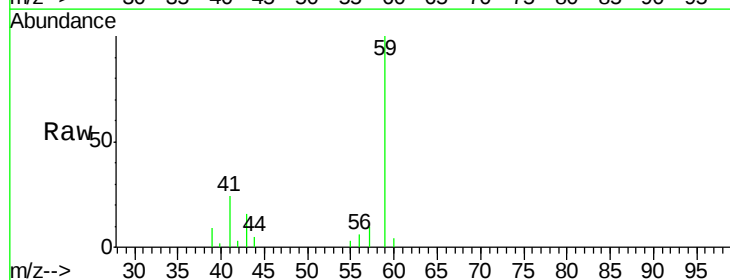
Acq: 26 Aug 2020 16:35

Tgt Ion: 59 Resp: 22489

Ion Ratio Lower Upper

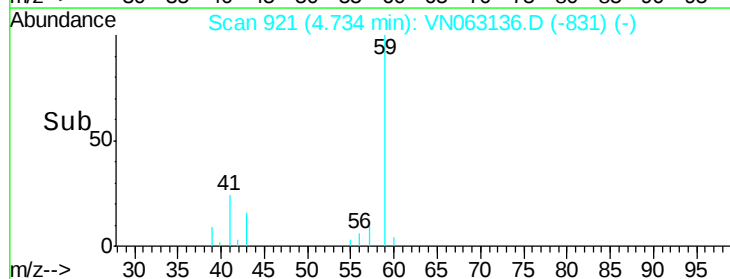
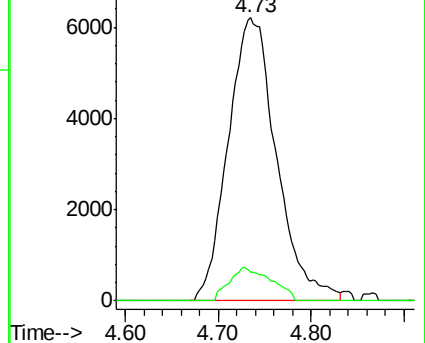
59 100

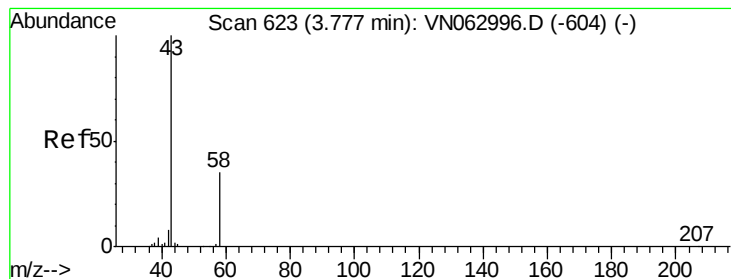
57 10.3 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#16

Acetone

Concen: 219.019 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN063136.D

Acq: 26 Aug 2020 16:35

Instrument :

MSVOA_N

ClientSampled :

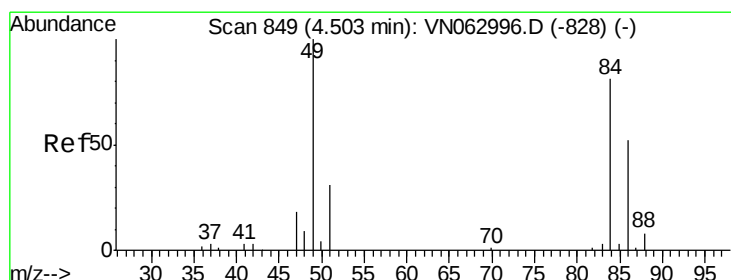
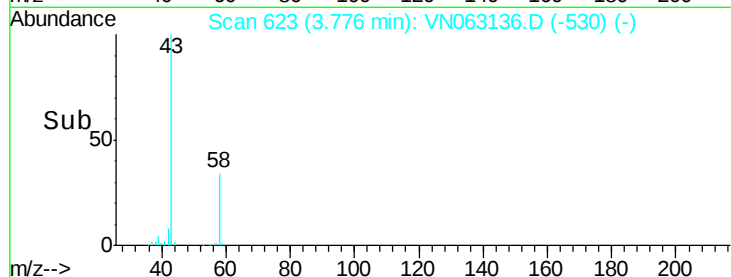
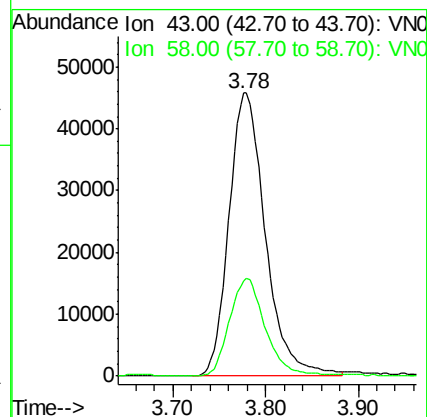
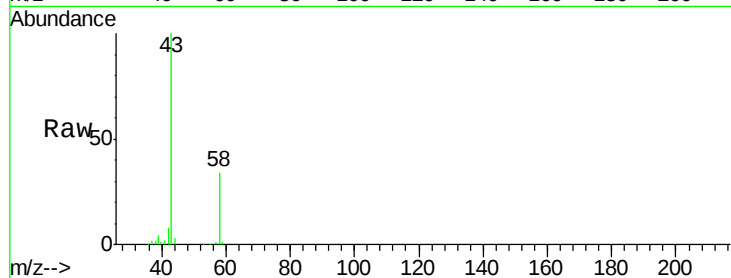
1794

Tot Ion: 43 Resp: 124977

Ion Ratio Lower Upper

43 100

58 33.6 27.8 41.6



#20

Methylene Chloride

Concen: 3.682 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN063136.D

Acq: 26 Aug 2020 16:35

Tgt Ion: 84 Resp: 7919

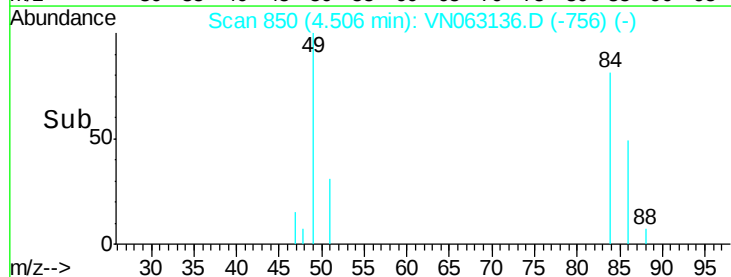
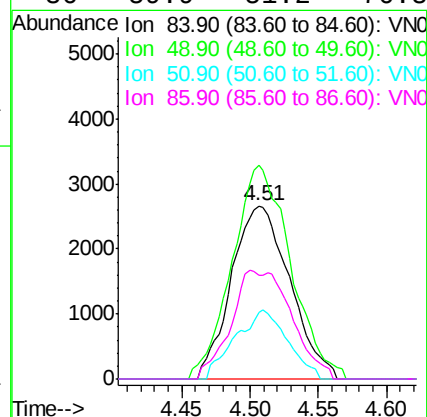
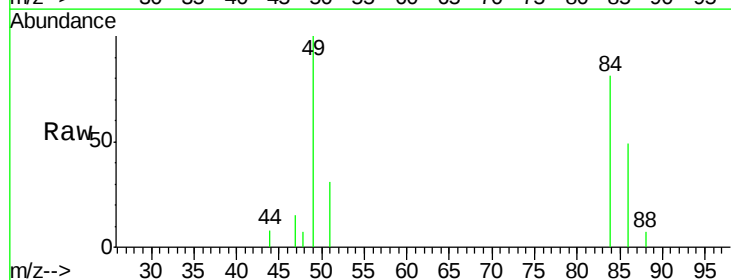
Ion Ratio Lower Upper

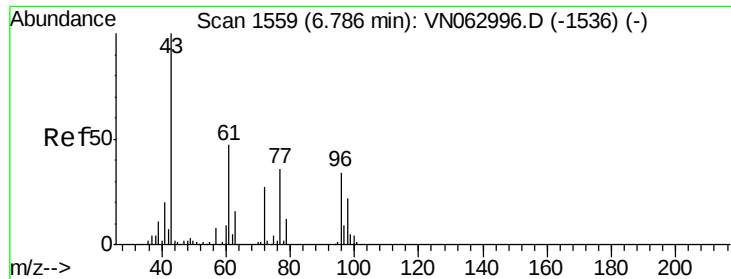
84 100

49 117.5 98.7 148.1

51 38.3 30.8 46.2

86 59.9 51.2 76.8





#25

2-Butanone

Concen: 39.767 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VN063136.D

Acq: 26 Aug 2020 16:35

Instrument :

MSVOA_N

ClientSampled :

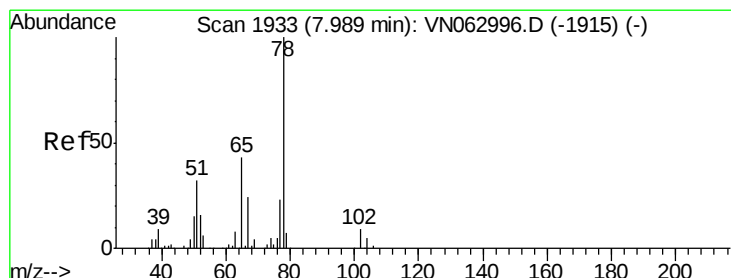
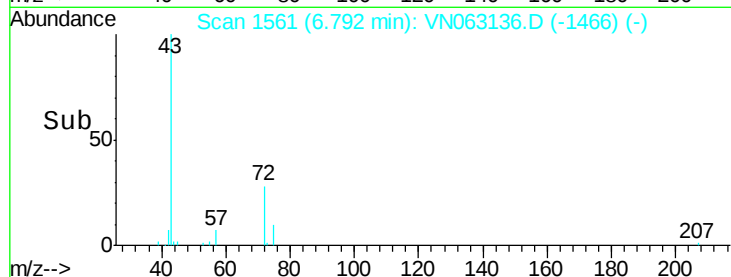
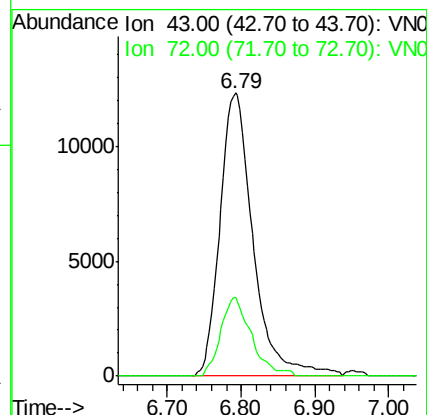
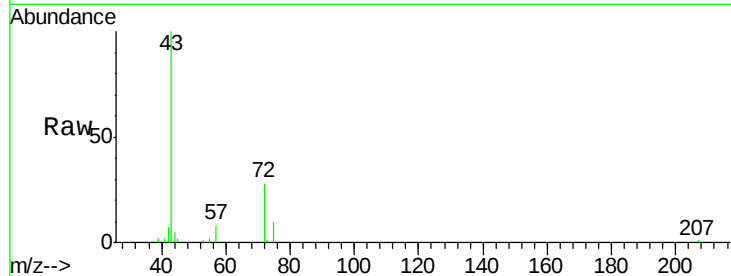
1794

Tot Ion: 43 Resp: 38547

Ion Ratio Lower Upper

43 100

72 27.7 21.8 32.6



#33

1,2-Dichloroethane-d4

Concen: 53.074 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN063136.D

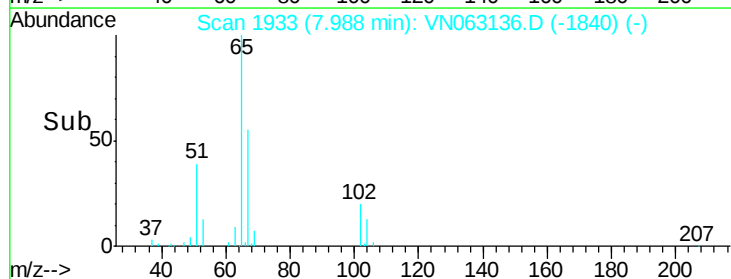
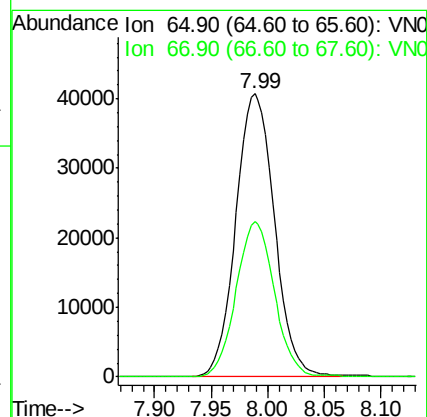
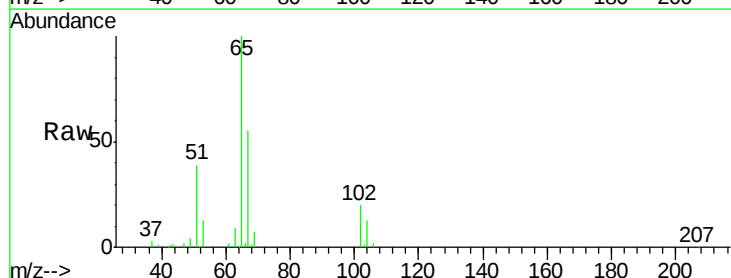
Acq: 26 Aug 2020 16:35

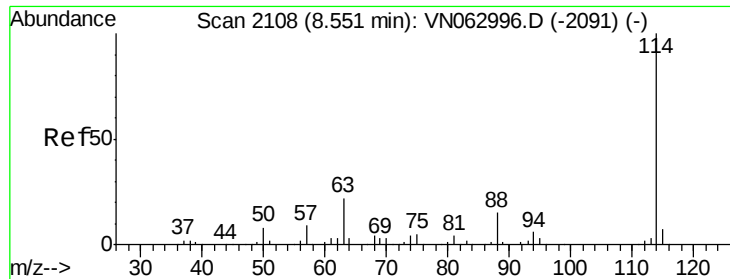
Tgt Ion: 65 Resp: 96904

Ion Ratio Lower Upper

65 100

67 54.3 0.0 112.0

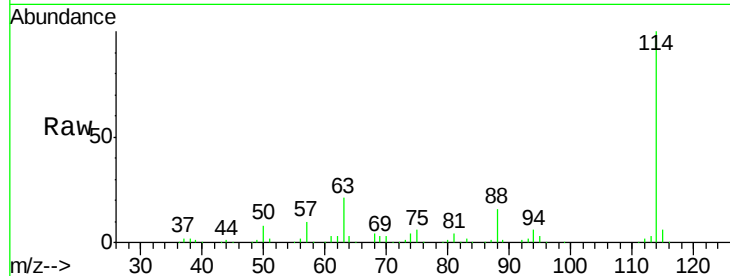




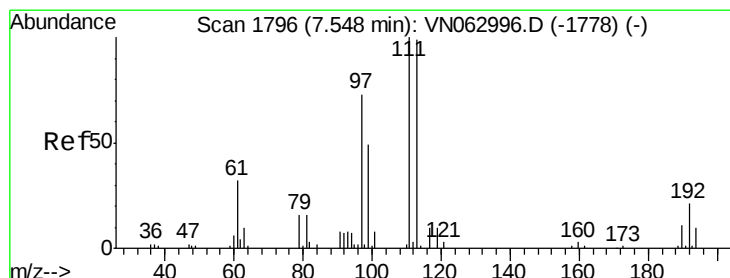
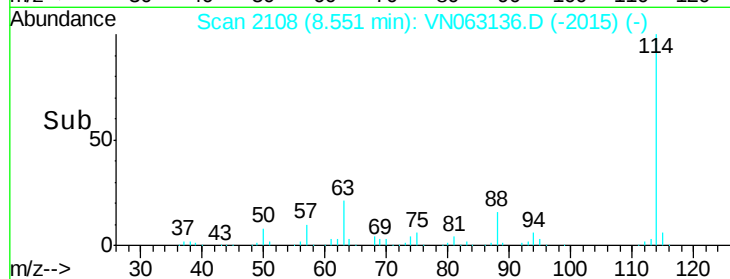
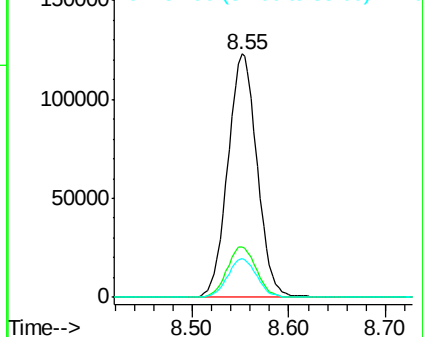
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN063136.D
Acq: 26 Aug 2020 16:35

Instrument :
MSVOA_N
ClientSampleId :
1794

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	15.8	0.0	30.6

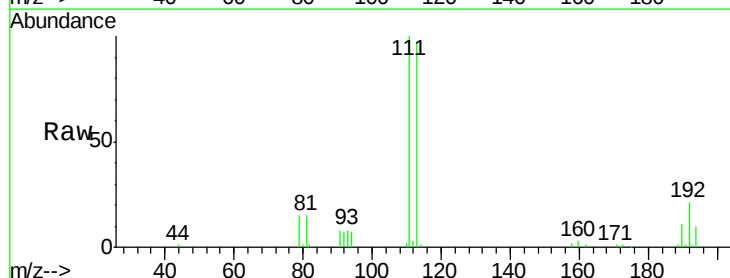


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

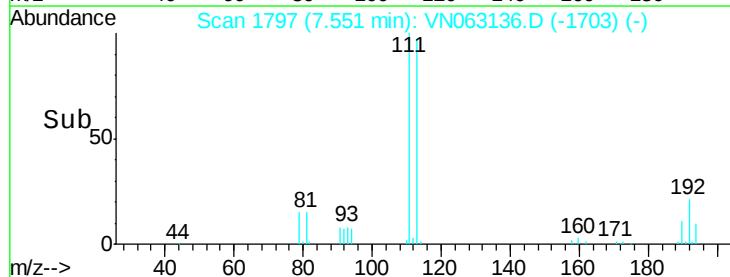
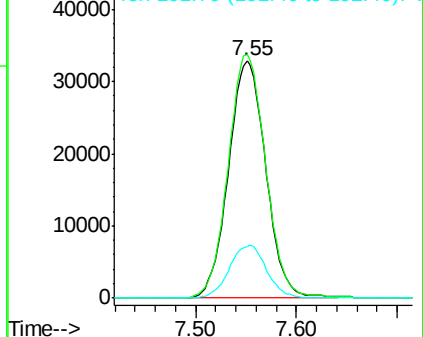


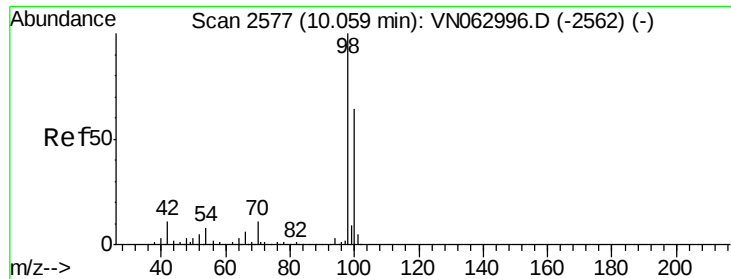
#35
Dibromofluoromethane
Concen: 50.106 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN063136.D
Acq: 26 Aug 2020 16:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.7	122.5
192	22.1	17.5	26.3



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: 50.945 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN063136.D

Acq: 26 Aug 2020 16:35

Instrument :

MSVOA_N

ClientSampleId :

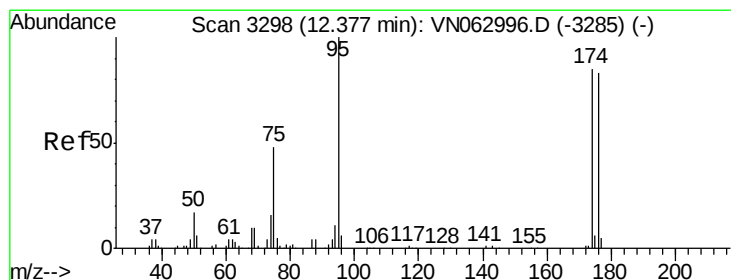
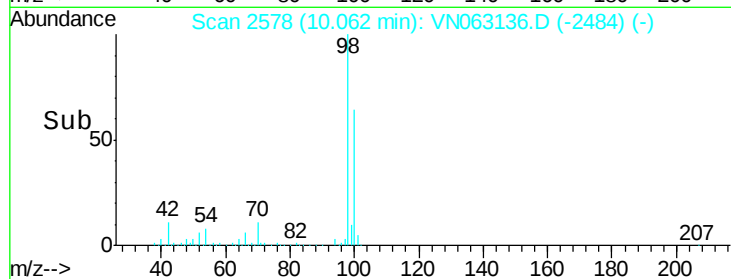
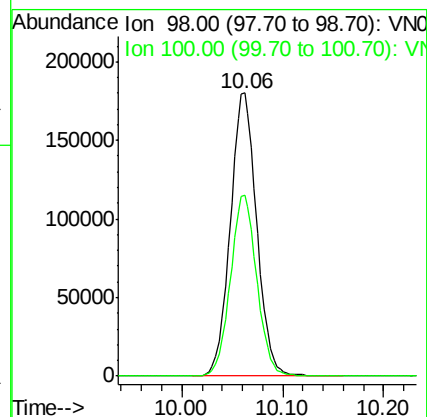
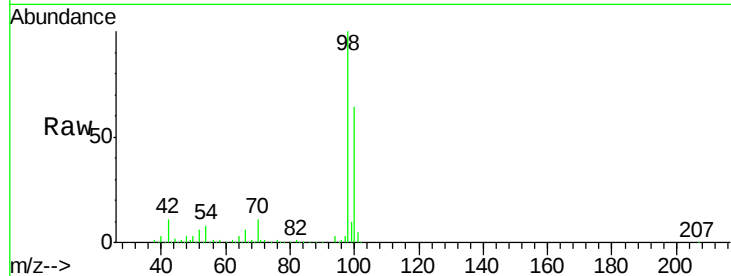
1794

Tot Ion: 98 Resp: 329041

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 52.192 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063136.D

Acq: 26 Aug 2020 16:35

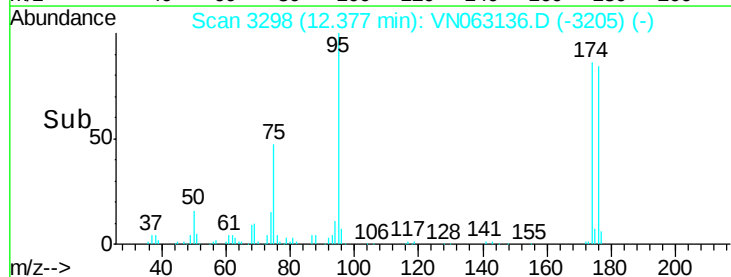
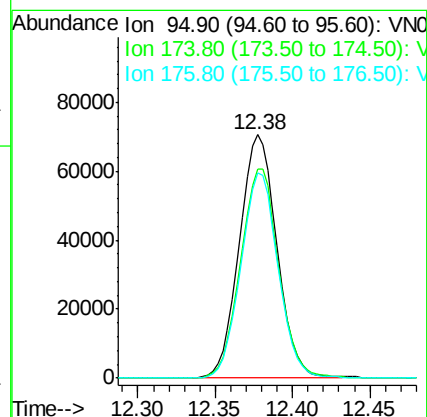
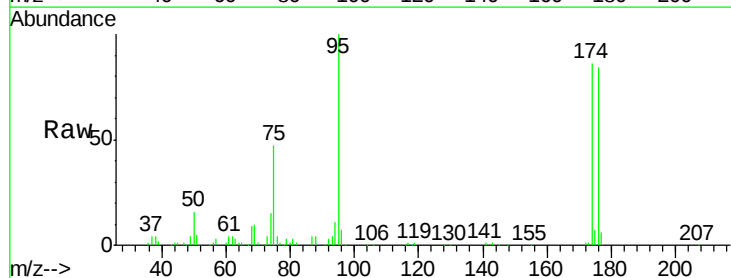
Tgt Ion: 95 Resp: 118956

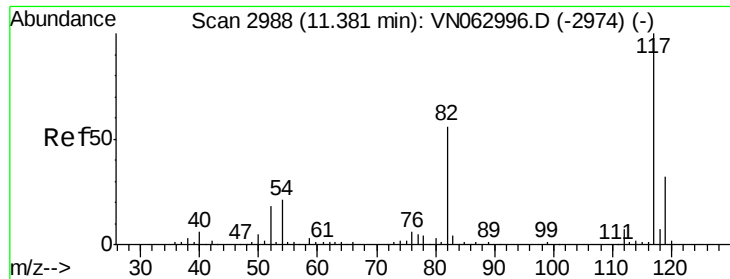
Ion Ratio Lower Upper

95 100

174 87.4 0.0 170.8

176 83.9 0.0 164.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN063136.D

Acq: 26 Aug 2020 16:35

Instrument :

MSVOA_N

ClientSampleId :

1794

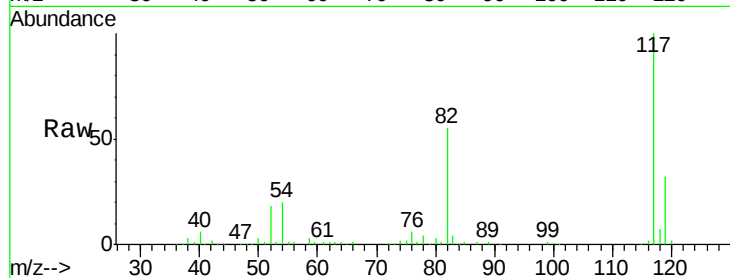
Tot Ion:117 Resp: 262407

Ion Ratio Lower Upper

117 100

82 54.8 44.5 66.7

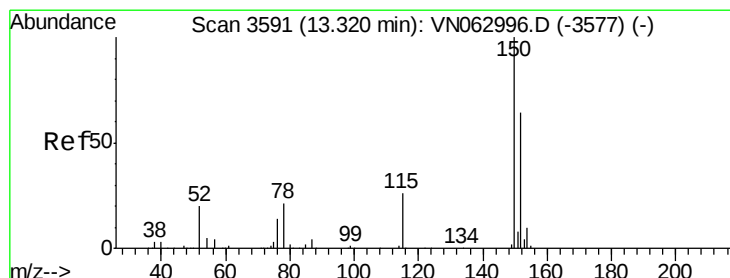
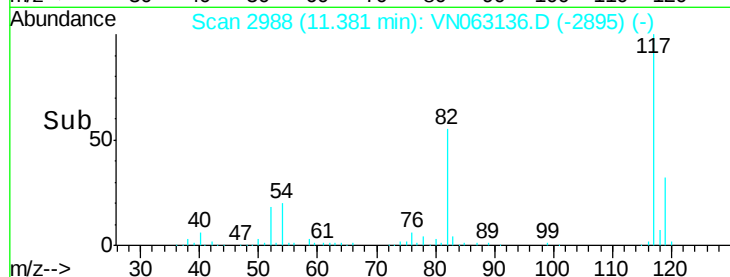
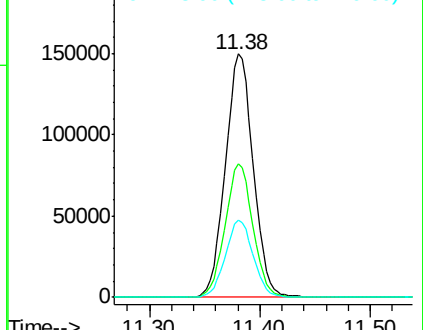
119 31.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063136.D

Acq: 26 Aug 2020 16:35

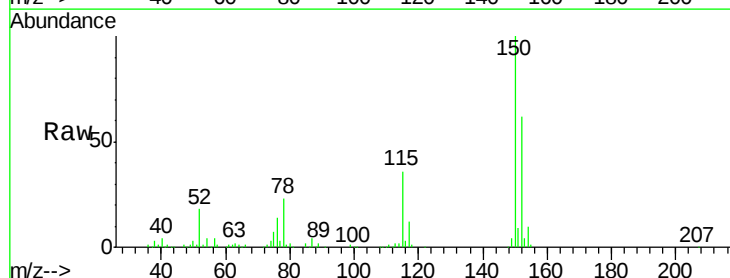
Tgt Ion:152 Resp: 113396

Ion Ratio Lower Upper

152 100

115 56.9 28.7 86.3

150 157.5 0.0 348.8



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

