

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
 Data File : VN063098.D
 Acq On : 24 Aug 2020 16:16
 Operator : JC/MD
 Sample : L3780-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-082120-A

Quant Time: Aug 25 01:35:57 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

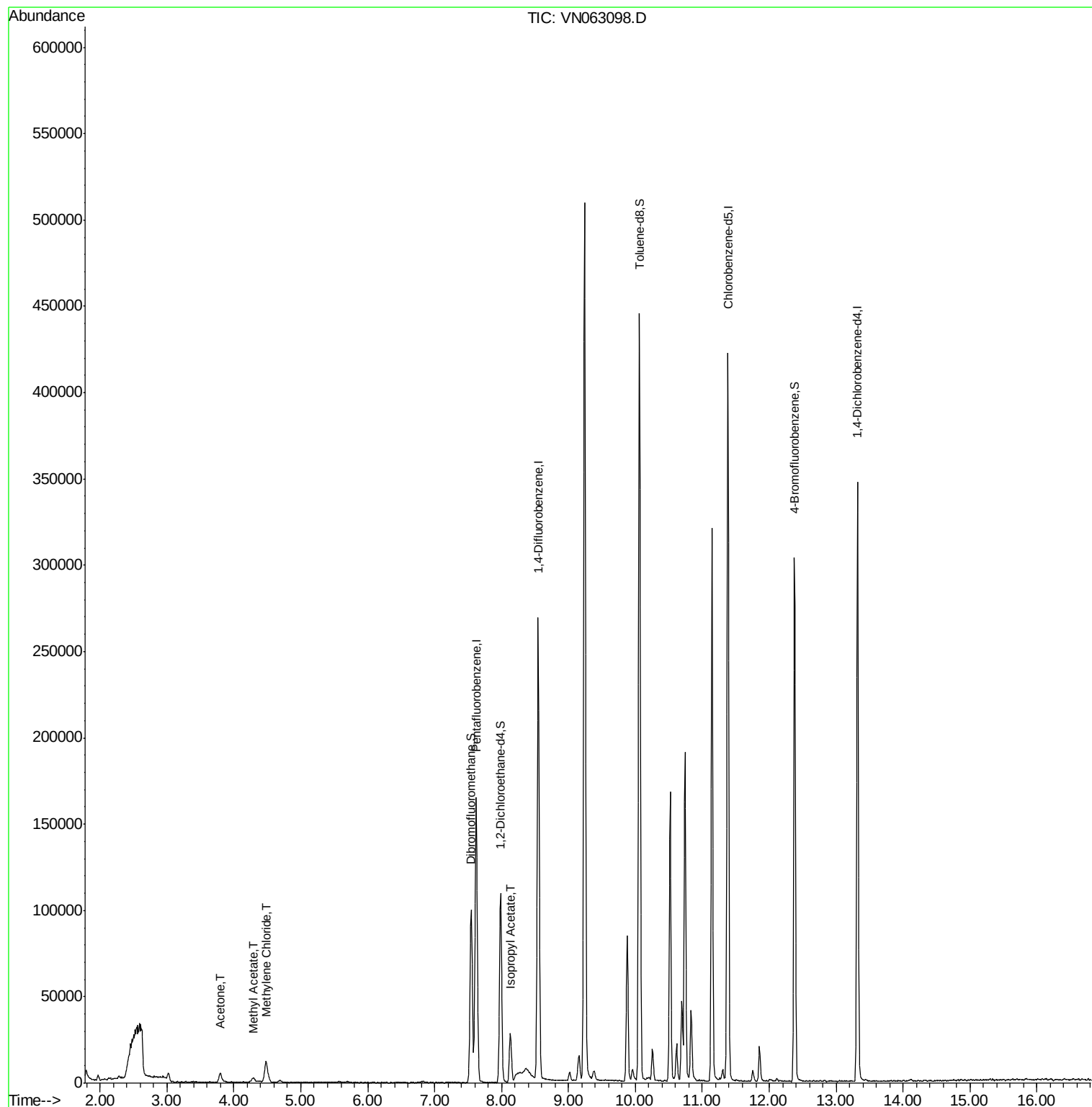
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	139773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	250546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97579	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	95268	57.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.02%	
35) Dibromofluoromethane	7.54	113	78126	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
50) Toluene-d8	10.06	98	313743	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.38	95	104577	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
Target Compounds						
16) Acetone	3.80	43	11347	18.331	ug/l	90
18) Methyl Acetate	4.29	43	4994	3.034	ug/l	92
20) Methylene Chloride	4.48	84	11162	6.480	ug/l	95
43) Isopropyl Acetate	8.13	43	34945	10.536	ug/l #	87

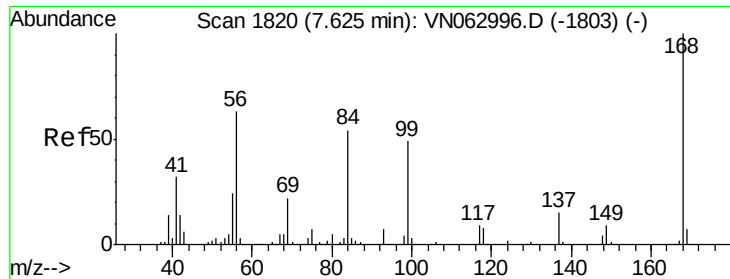
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082420\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN063098.D

Acq: 24 Aug 2020 16:16

Instrument :

MSVOA_N

ClientSampleId :

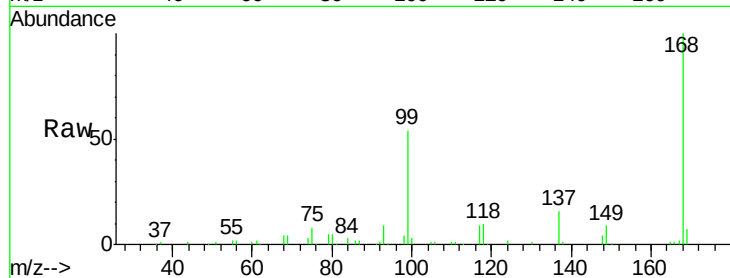
JC-03-082120-A

Tot Ion:168 Resp: 139773

Ion Ratio Lower Upper

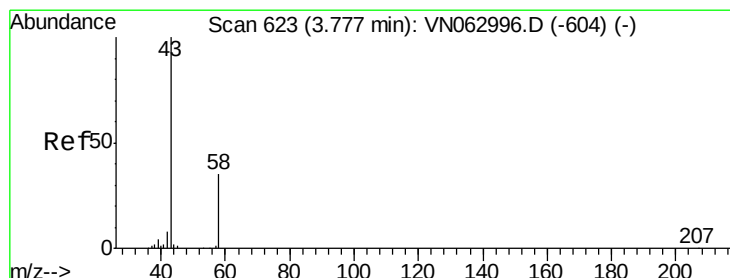
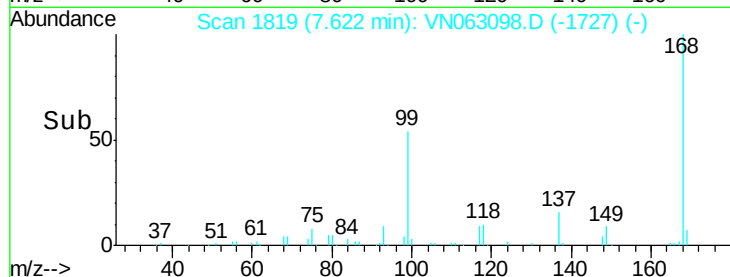
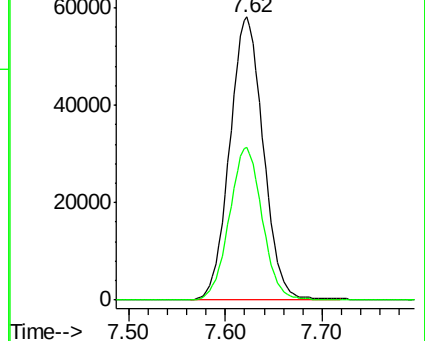
168 100

99 53.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 18.331 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN063098.D

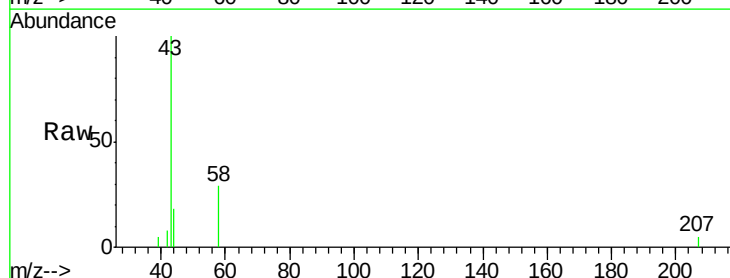
Acq: 24 Aug 2020 16:16

Tgt Ion: 43 Resp: 11347

Ion Ratio Lower Upper

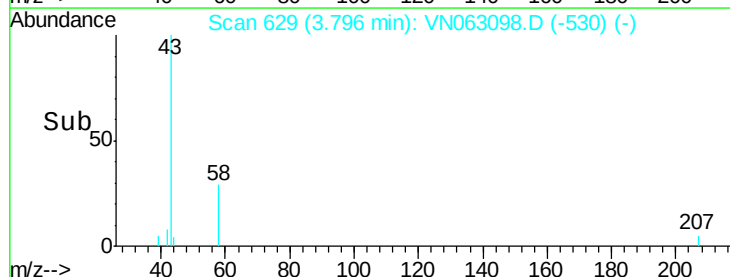
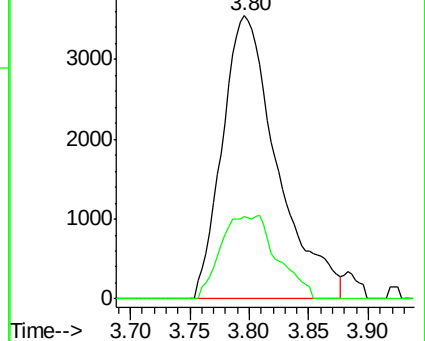
43 100

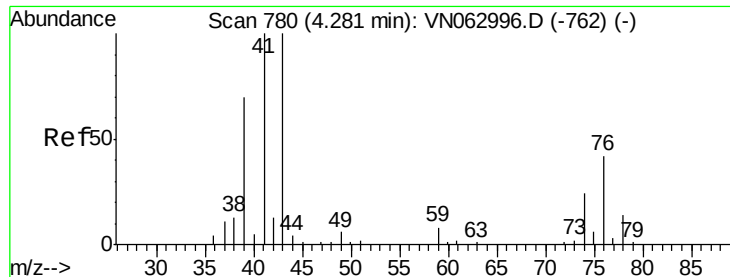
58 29.0 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

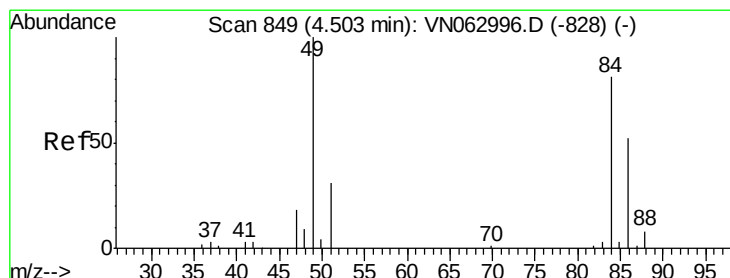
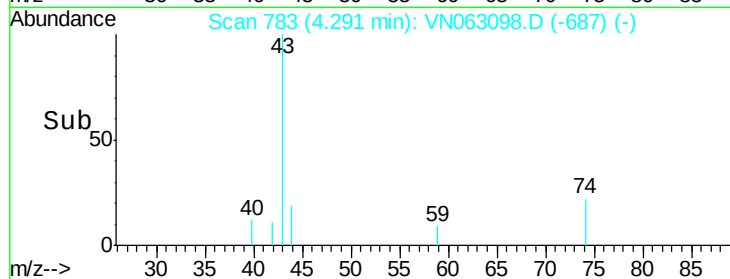
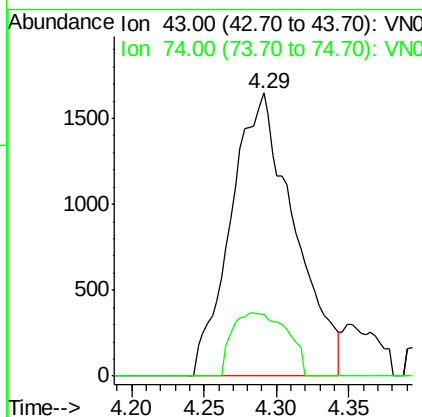
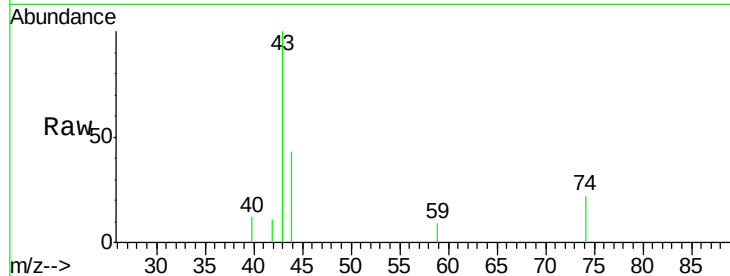




#18
Methyl Acetate
Concen: 3.034 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.01 min
Lab File: VN063098.D
Acq: 24 Aug 2020 16:16

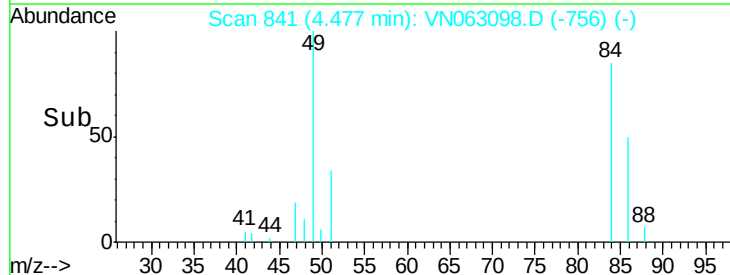
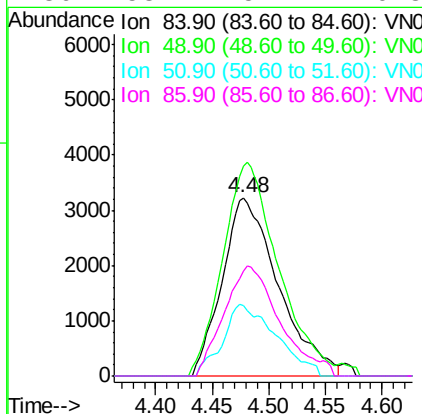
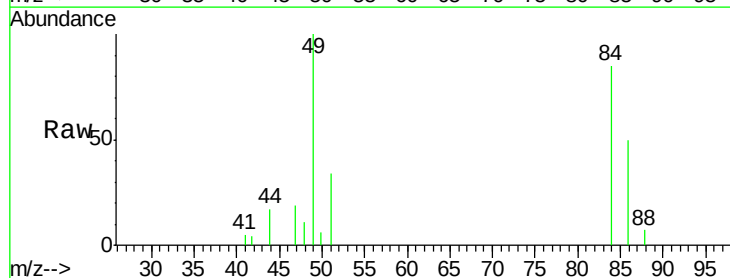
Instrument :
MSVOA_N
ClientSampleId :
JC-03-082120-A

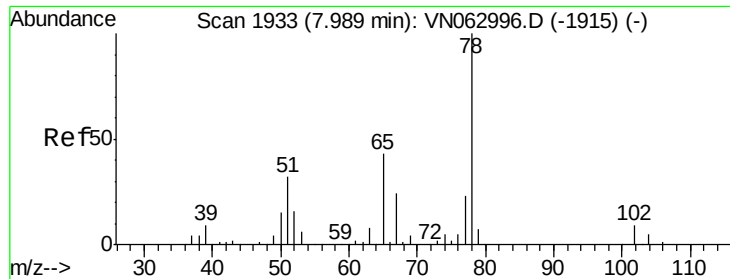
Tot Ion: 43 Resp: 4994
Ion Ratio Lower Upper
43 100
74 19.4 18.6 28.0



#20
Methylene Chloride
Concen: 6.480 ug/l
RT: 4.48 min Scan# 841
Delta R.T. -0.03 min
Lab File: VN063098.D
Acq: 24 Aug 2020 16:16

Tgt Ion: 84 Resp: 11162
Ion Ratio Lower Upper
84 100
49 117.9 98.7 148.1
51 39.7 30.8 46.2
86 58.7 51.2 76.8

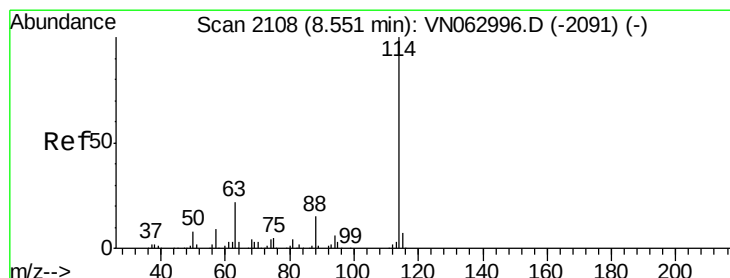
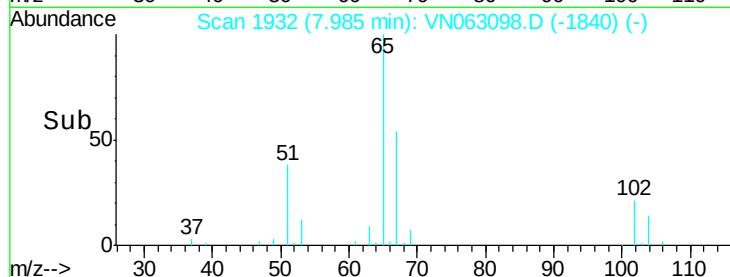
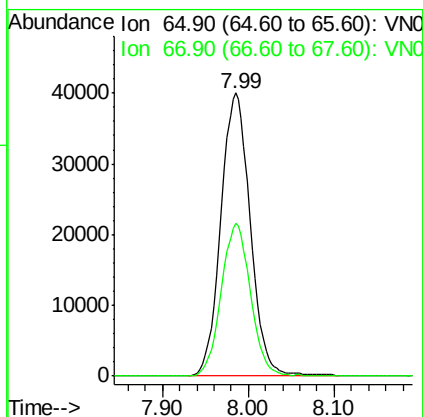
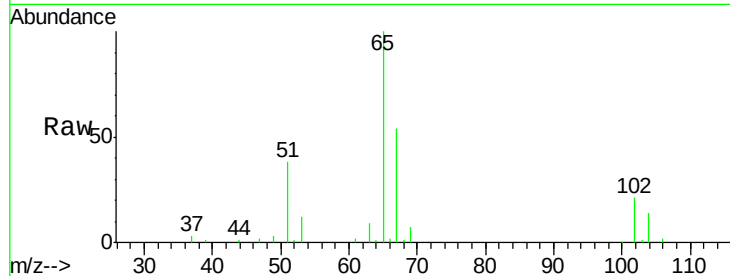




#33
 1,2-Dichloroethane-d4
 Concen: 57.509 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063098.D
 Acq: 24 Aug 2020 16:16

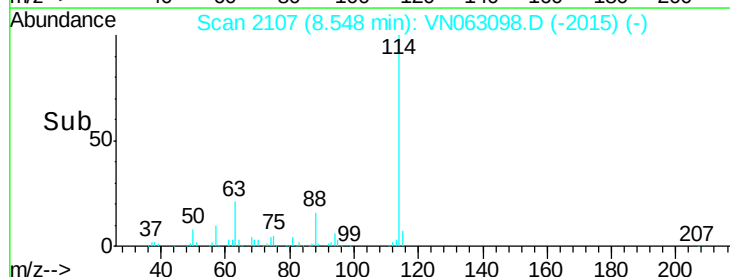
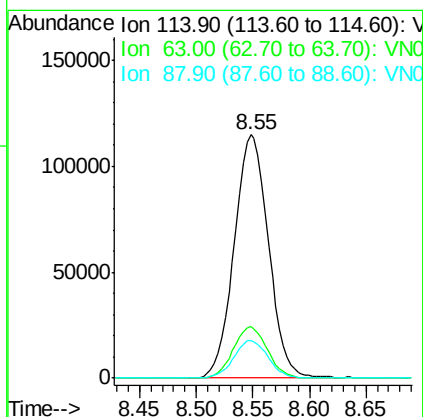
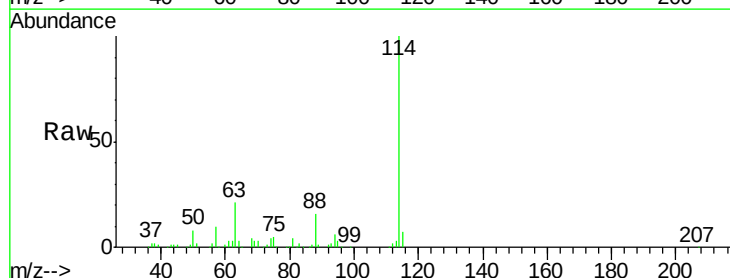
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-082120-A

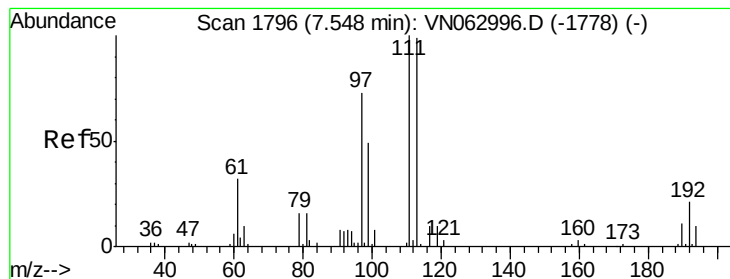
Tot Ion: 65 Resp: 95268
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063098.D
 Acq: 24 Aug 2020 16:16

Tgt Ion: 114 Resp: 242460
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.2
 88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.451 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN063098.D

Acq: 24 Aug 2020 16:16

Instrument :

MSVOA_N

ClientSampleId :

JC-03-082120-A

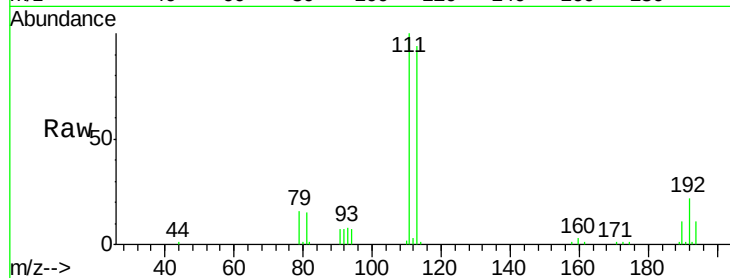
Tot Ion:113 Resp: 78126

Ion Ratio Lower Upper

113 100

111 103.8 81.7 122.5

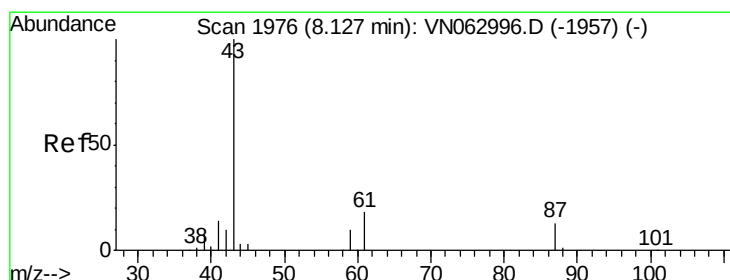
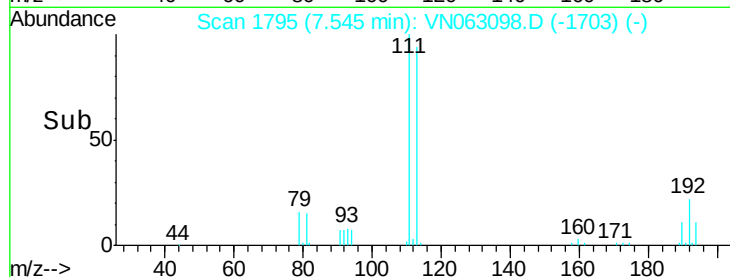
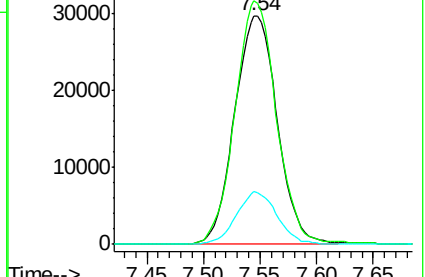
192 21.8 17.5 26.3



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



#43

Isopropyl Acetate

Concen: 10.536 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN063098.D

Acq: 24 Aug 2020 16:16

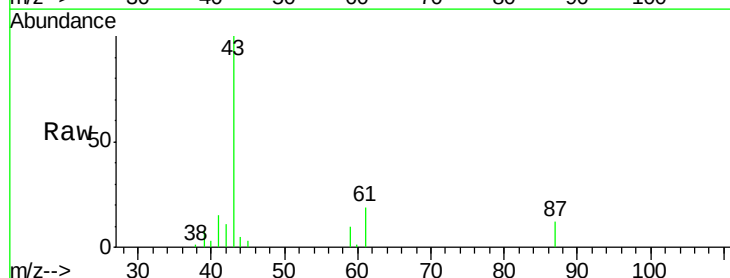
Tgt Ion: 43 Resp: 34945

Ion Ratio Lower Upper

43 100

61 18.9 22.6 33.8#

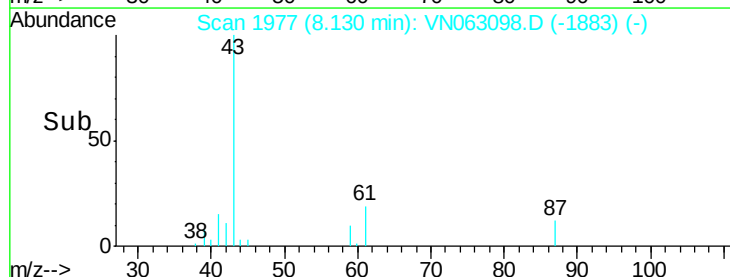
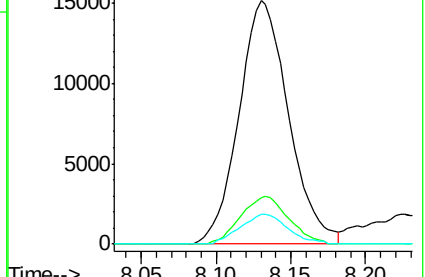
87 11.8 10.5 15.7

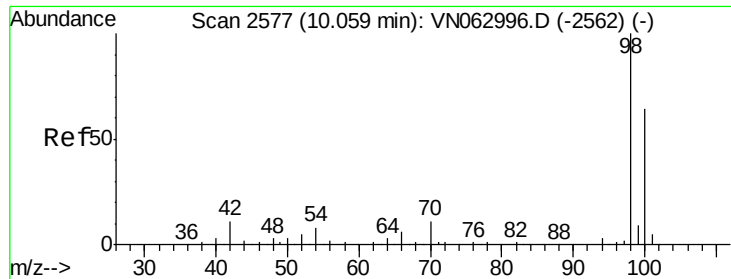


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 51.702 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN063098.D

Acq: 24 Aug 2020 16:16

Instrument :

MSVOA_N

ClientSampleId :

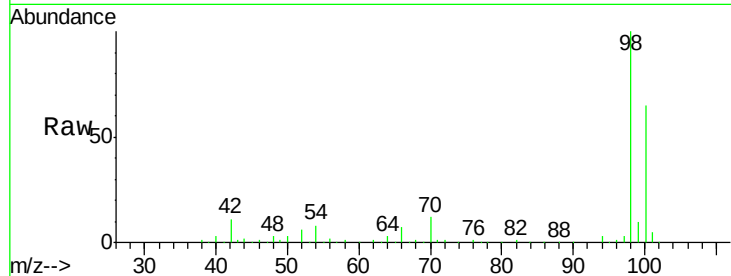
JC-03-082120-A

Tot Ion: 98 Resp: 313743

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

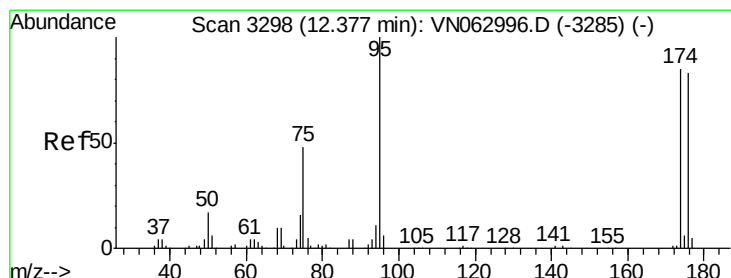
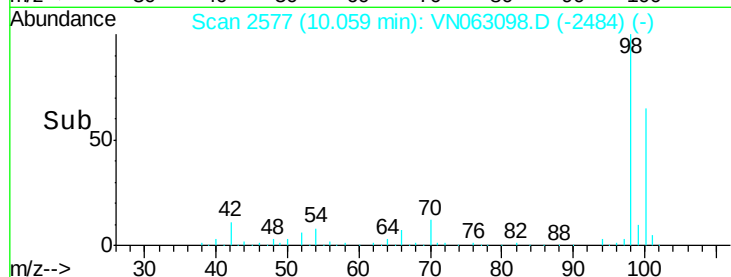
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.835 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063098.D

Acq: 24 Aug 2020 16:16

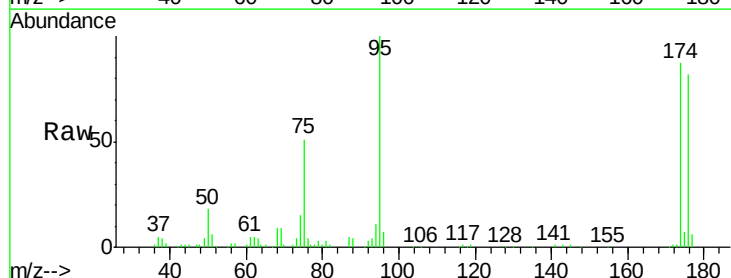
Tgt Ion: 95 Resp: 104577

Ion Ratio Lower Upper

95 100

174 87.2 0.0 170.8

176 83.3 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)

12.38

80000

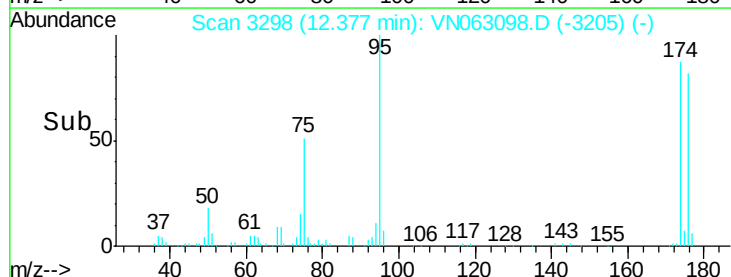
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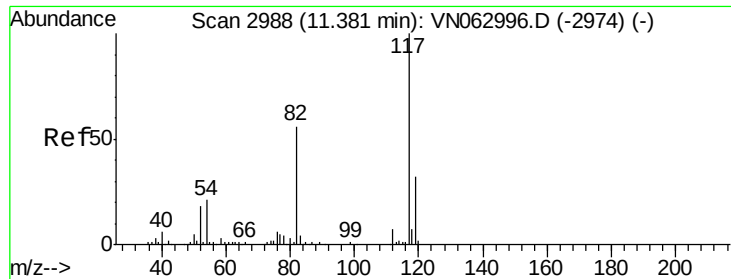
40000

20000

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Time-->

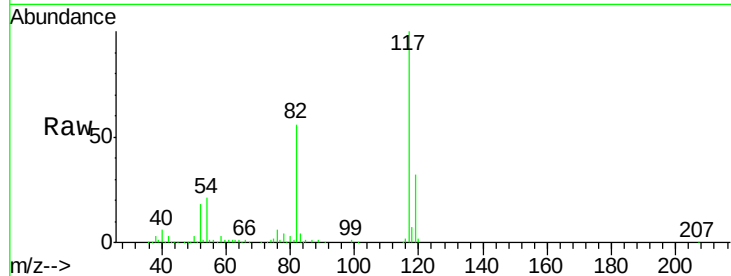




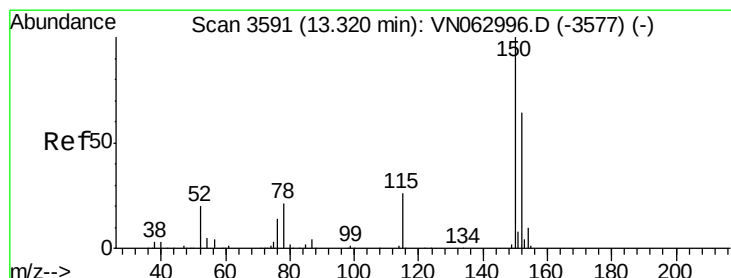
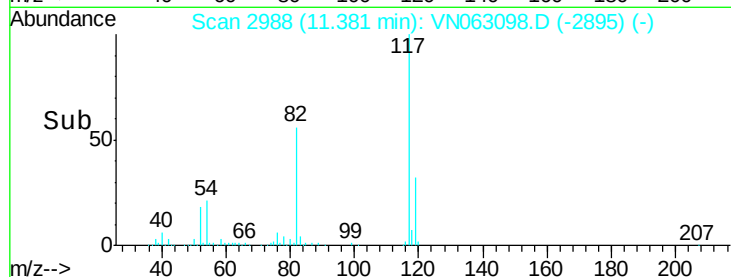
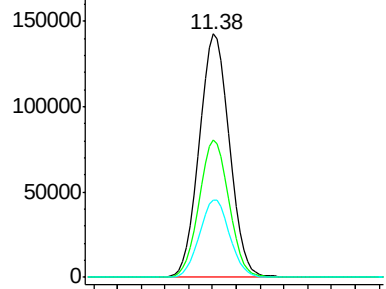
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063098.D
Acq: 24 Aug 2020 16:16

Instrument :
MSVOA_N
ClientSampleId :
JC-03-082120-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.5	66.7
119	32.0	25.5	38.3

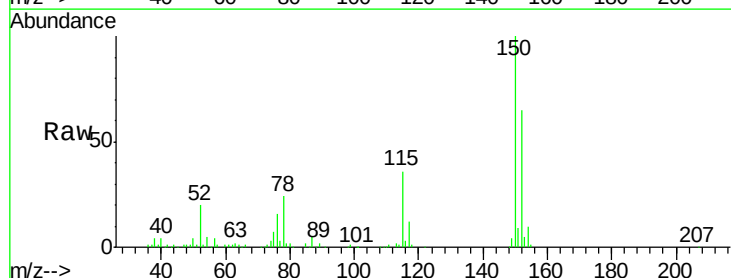


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN063098.D
Acq: 24 Aug 2020 16:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.7	86.3
150	156.6	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

