

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063163.D
 Acq On : 1 Sep 2020 18:29
 Operator : JC/MD
 Sample : L3849-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 232

Quant Time: Sep 02 04:48:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

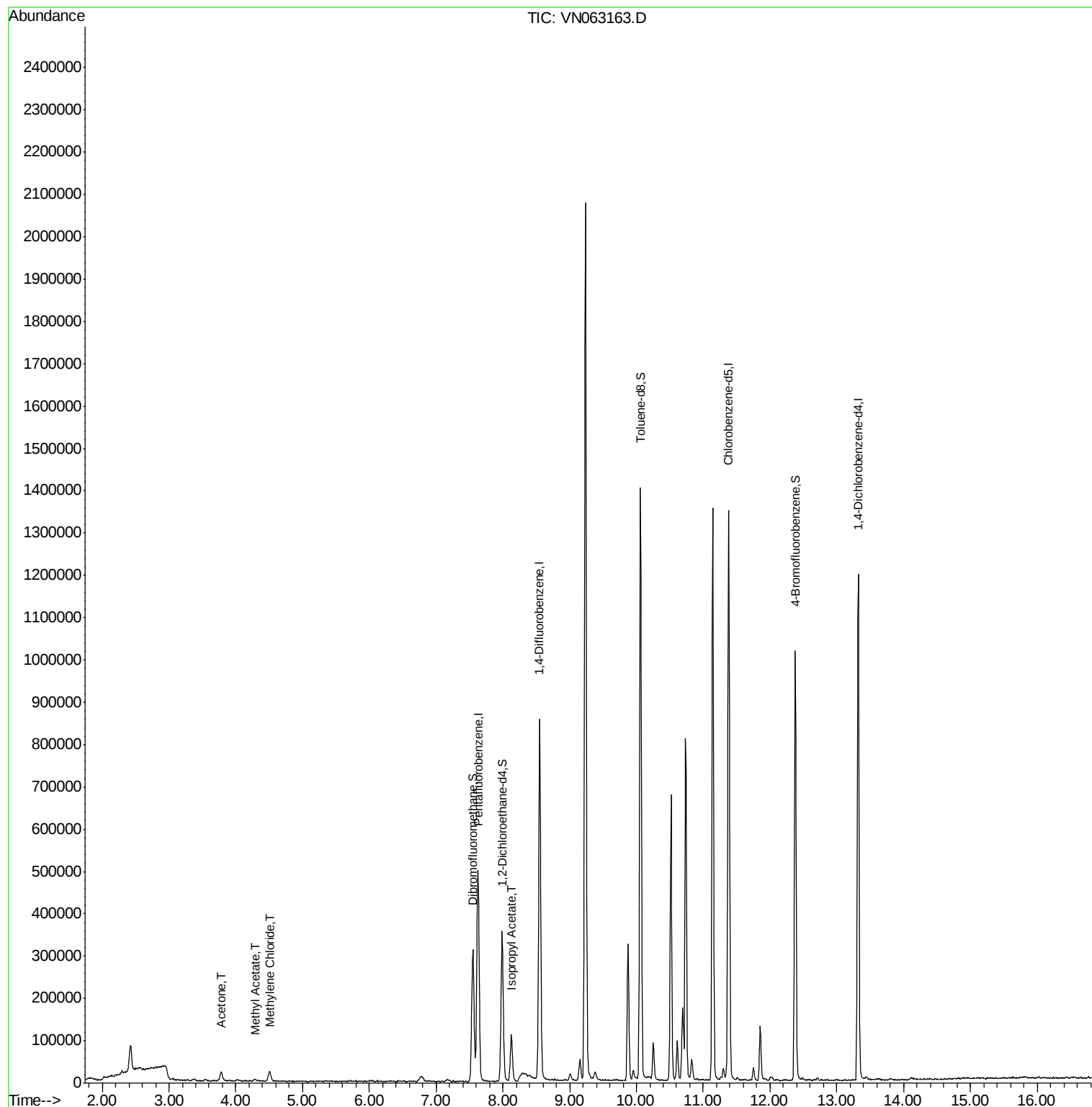
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	379301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	729072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	726802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	288768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	291626	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
35) Dibromofluoromethane	7.55	113	231015	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	10.06	98	935510	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.38	95	333313	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
Target Compounds						
16) Acetone	3.78	43	37337	21.183	ug/l	91
18) Methyl Acetate	4.28	43	8298	1.836	ug/l #	73
20) Methylene Chloride	4.51	84	16024	2.768	ug/l	94
43) Isopropyl Acetate	8.13	43	137517	12.031	ug/l #	90

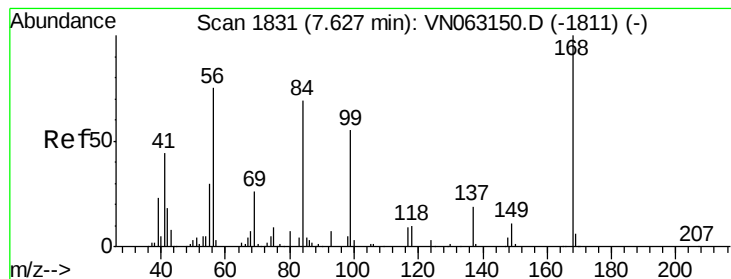
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090120\
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QLast Update : Tue Sep 01 04:21:28 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: VN063163.D

Acq: 1 Sep 2020 18:29

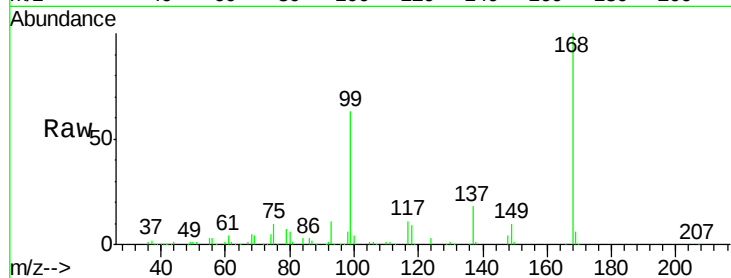
Instrument :
MSVOA_N
ClientSampled :
232

Tot Ion:168 Resp: 379301

Ion Ratio Lower Upper

168 100

99 63.1 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

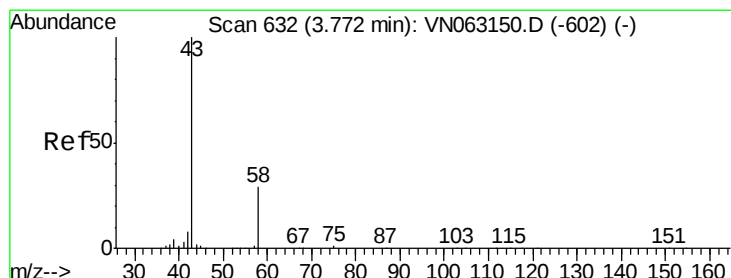
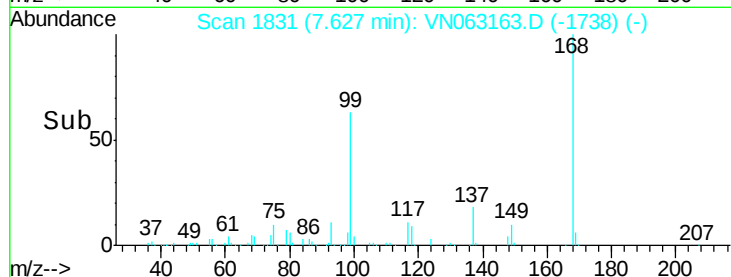
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 21.183 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063163.D

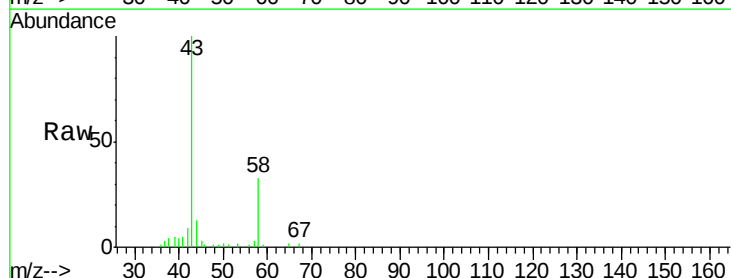
Acq: 1 Sep 2020 18:29

Tgt Ion: 43 Resp: 37337

Ion Ratio Lower Upper

43 100

58 33.8 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

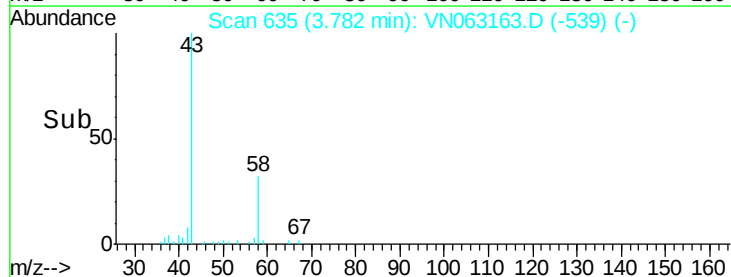
15000

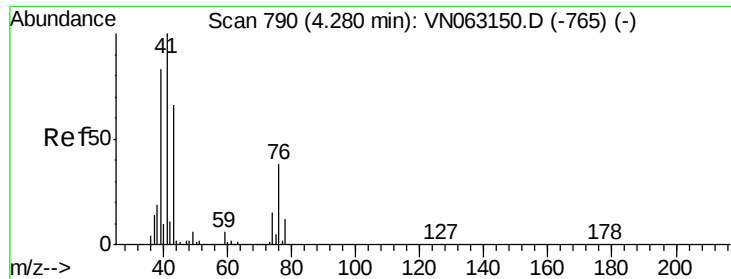
10000

5000

0

Time--> 3.70 3.80 3.90

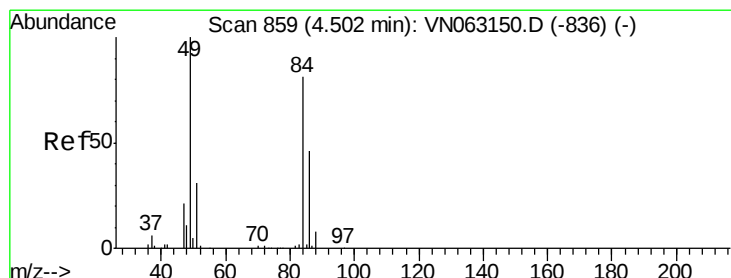
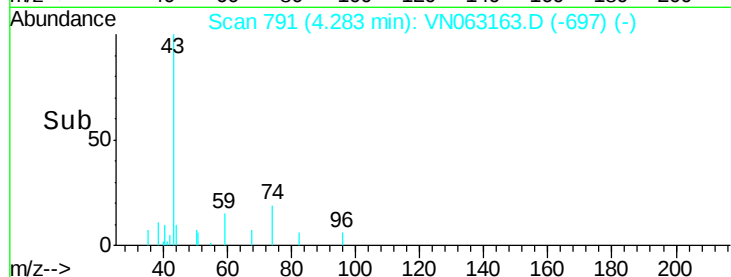
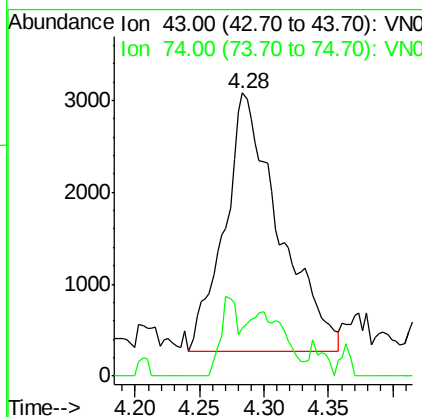
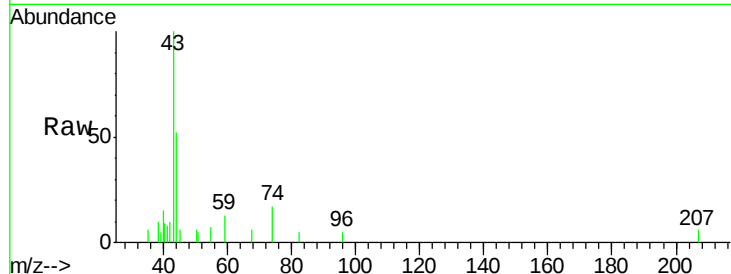




#18
Methyl Acetate
Concen: 1.836 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN063163.D
Acq: 1 Sep 2020 18:29

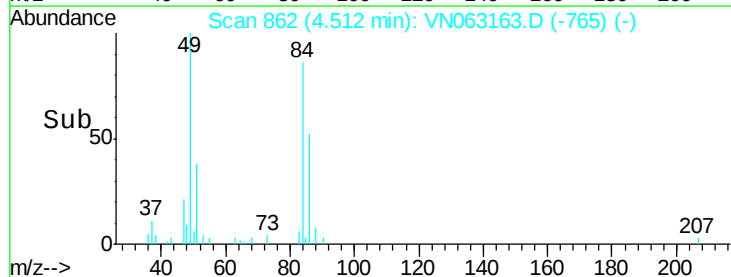
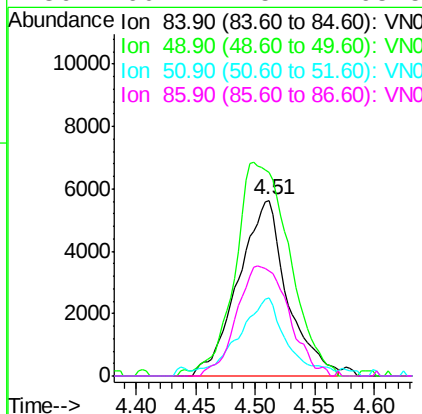
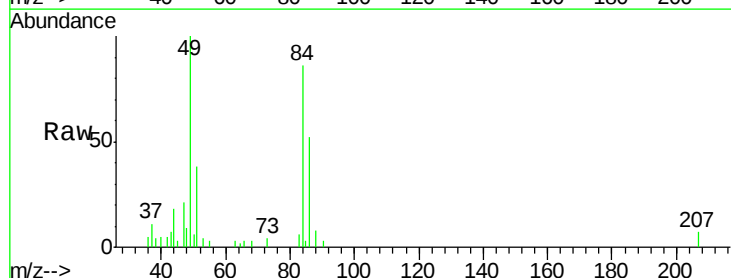
Instrument :
MSVOA_N
ClientSampleId :
232

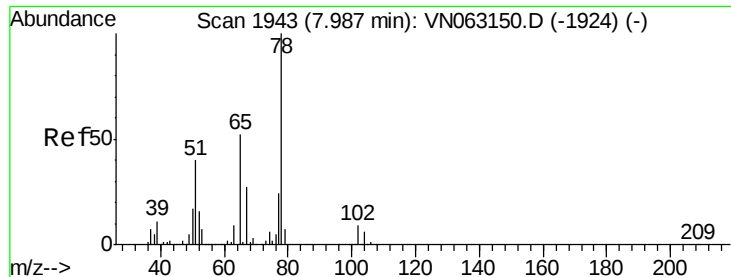
Tot Ion: 43 Resp: 8298
Ion Ratio Lower Upper
43 100
74 10.3 19.0 28.6#



#20
Methylene Chloride
Concen: 2.768 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN063163.D
Acq: 1 Sep 2020 18:29

Tgt Ion: 84 Resp: 16024
Ion Ratio Lower Upper
84 100
49 115.9 98.4 147.6
51 41.6 30.4 45.6
86 60.2 45.7 68.5





#33

1,2-Dichloroethane-d4

Concen: 47.033 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063163.D

Acq: 1 Sep 2020 18:29

Instrument :

MSVOA_N

ClientSampled :

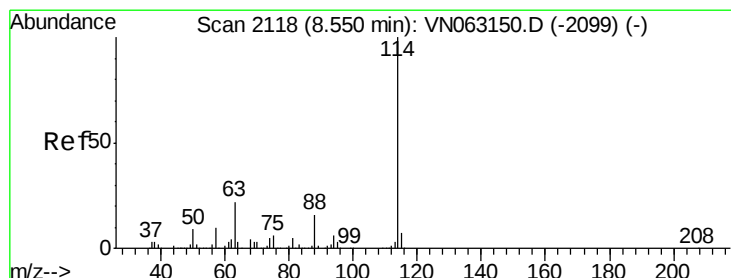
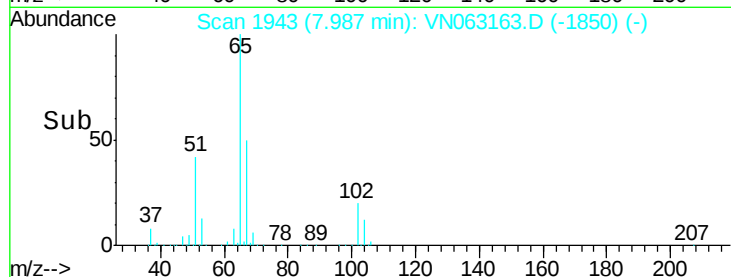
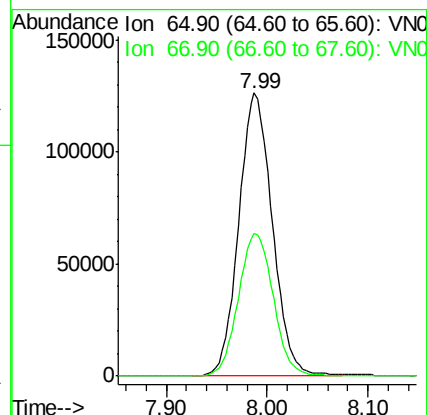
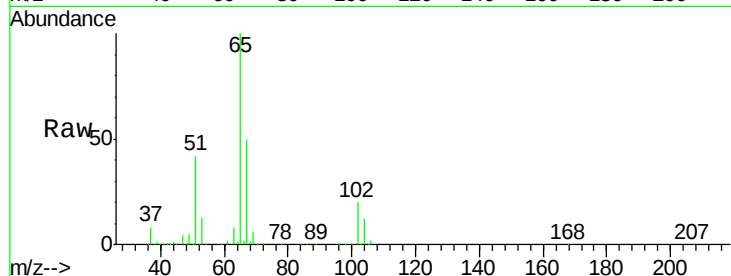
232

Tot Ion: 65 Resp: 291626

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063163.D

Acq: 1 Sep 2020 18:29

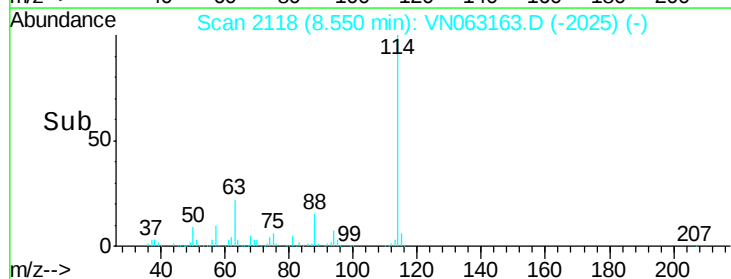
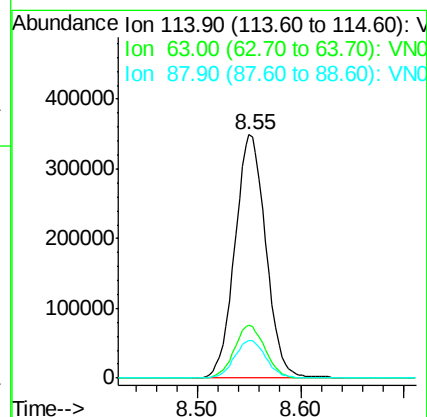
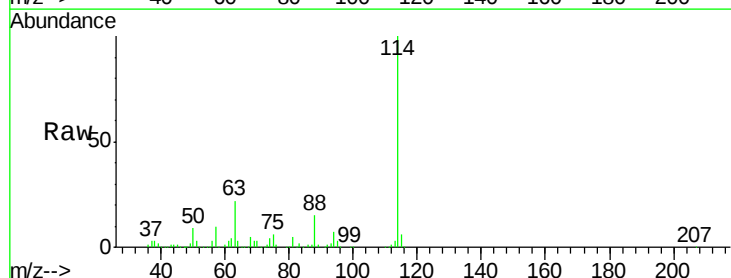
Tgt Ion: 114 Resp: 729072

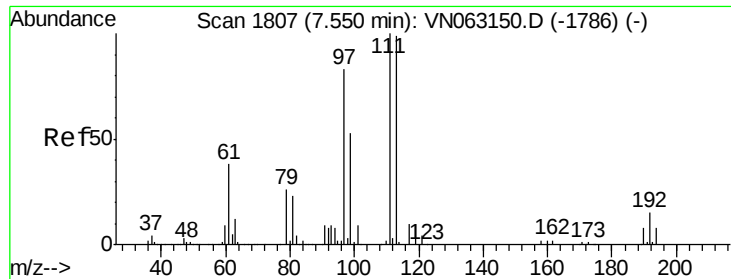
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.0

88 15.3 0.0 31.6

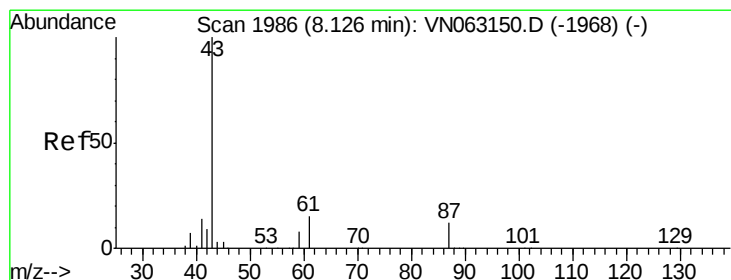
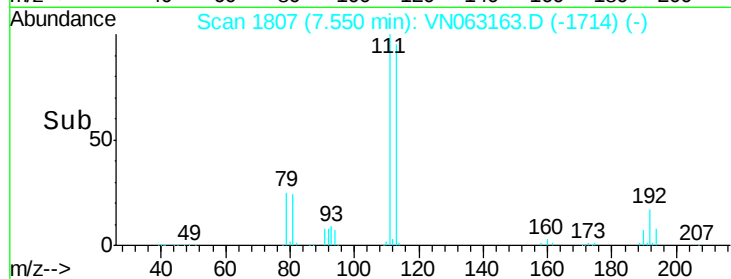
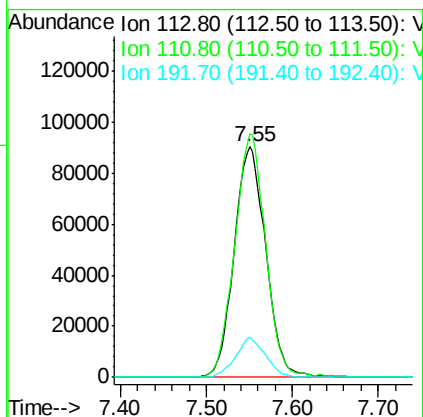
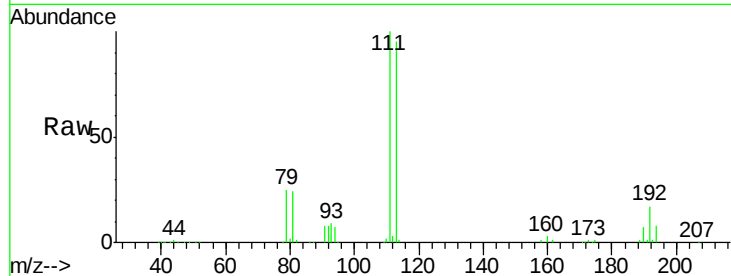




#35
 Dibromofluoromethane
 Concen: 49.390 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063163.D
 Acq: 1 Sep 2020 18:29

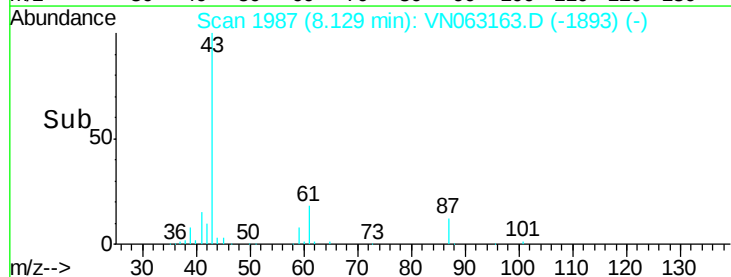
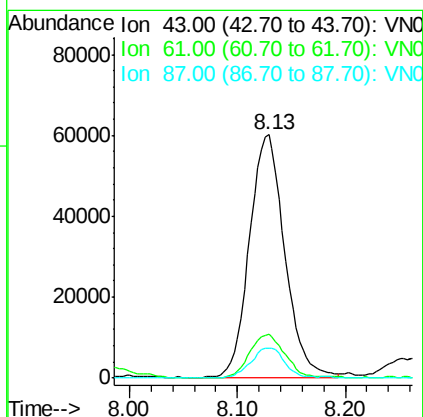
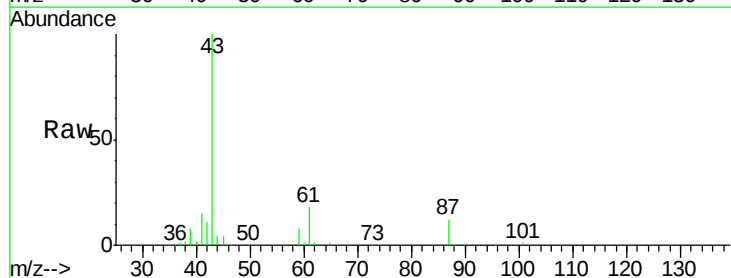
Instrument :
 MSVOA_N
 ClientSampled :
 232

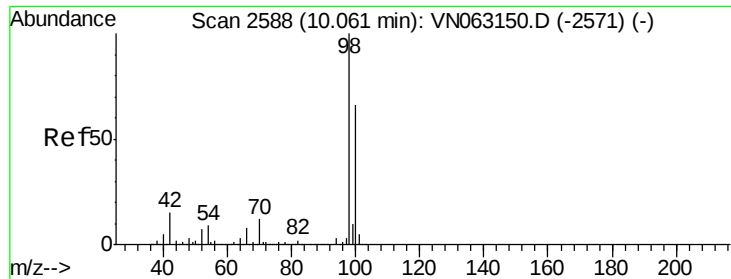
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.7	121.1
192	16.2	12.6	19.0



#43
 Isopropyl Acetate
 Concen: 12.031 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063163.D
 Acq: 1 Sep 2020 18:29

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.0	20.2	30.4#
87	11.9	9.8	14.6





#50

Toluene-d8

Concen: 51.963 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063163.D

Acq: 1 Sep 2020 18:29

Instrument :

MSVOA_N

ClientSampled :

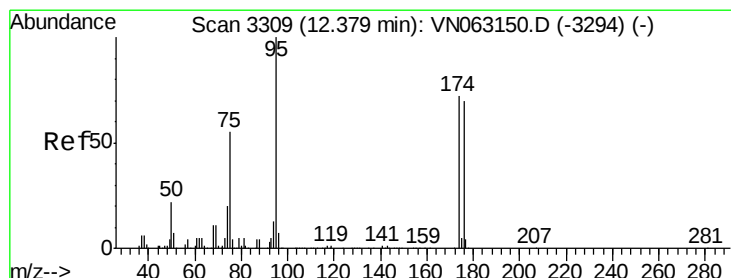
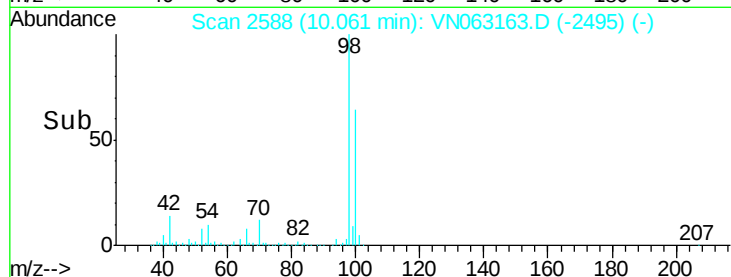
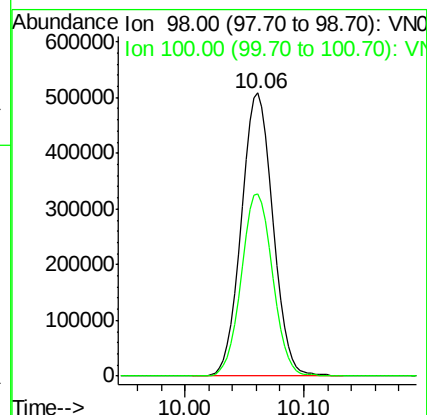
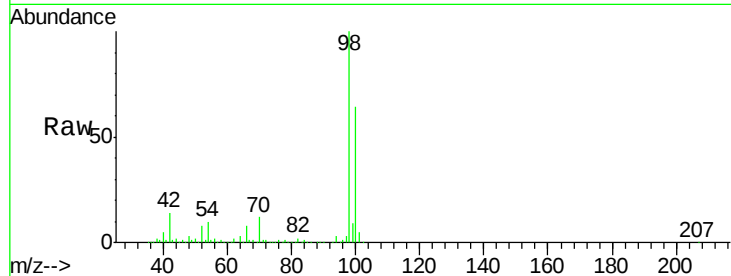
232

Tot Ion: 98 Resp: 935510

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.927 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063163.D

Acq: 1 Sep 2020 18:29

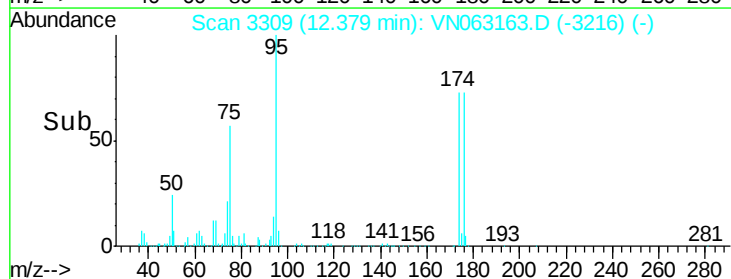
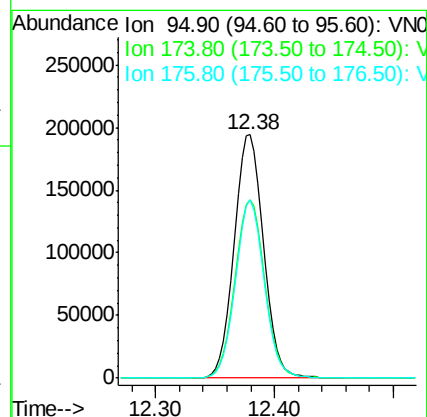
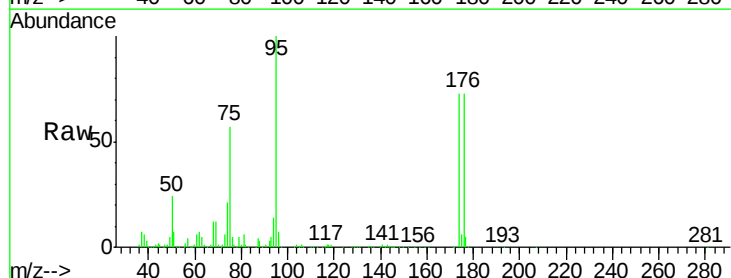
Tgt Ion: 95 Resp: 333313

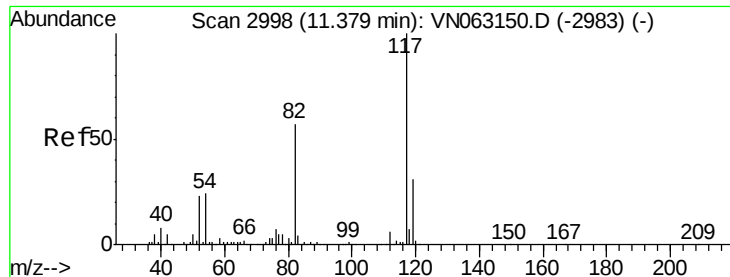
Ion Ratio Lower Upper

95 100

174 74.1 0.0 143.8

176 71.6 0.0 138.4

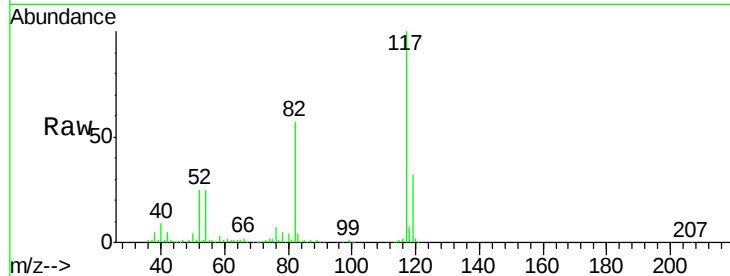




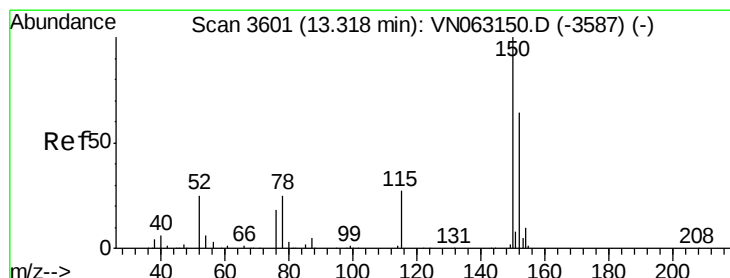
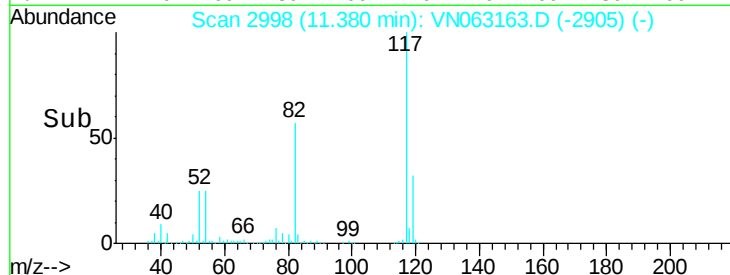
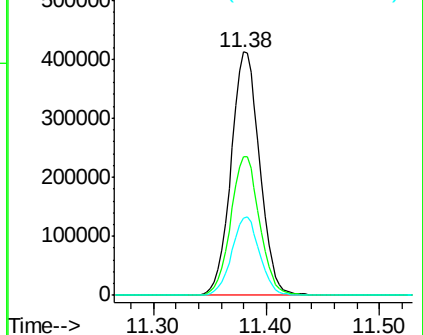
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063163.D
Acq: 1 Sep 2020 18:29

Instrument :
MSVOA_N
ClientSampled :
232

Tot Ion:117 Resp: 726802
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 31.7 24.6 37.0

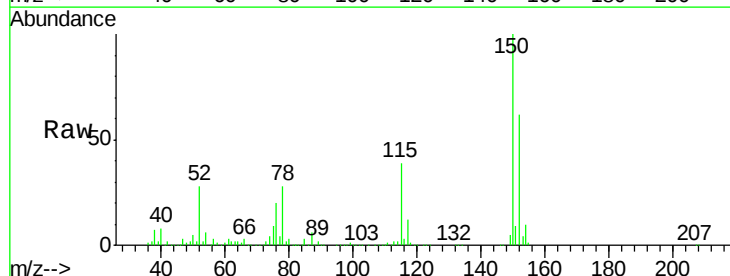


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063163.D
Acq: 1 Sep 2020 18:29

Tgt Ion:152 Resp: 288768
Ion Ratio Lower Upper
152 100
115 63.2 32.0 96.2
150 161.4 0.0 353.0



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

