

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063176.D
 Acq On : 1 Sep 2020 23:40
 Operator : JC/MD
 Sample : L3853-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 208

Quant Time: Sep 02 05:32:39 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

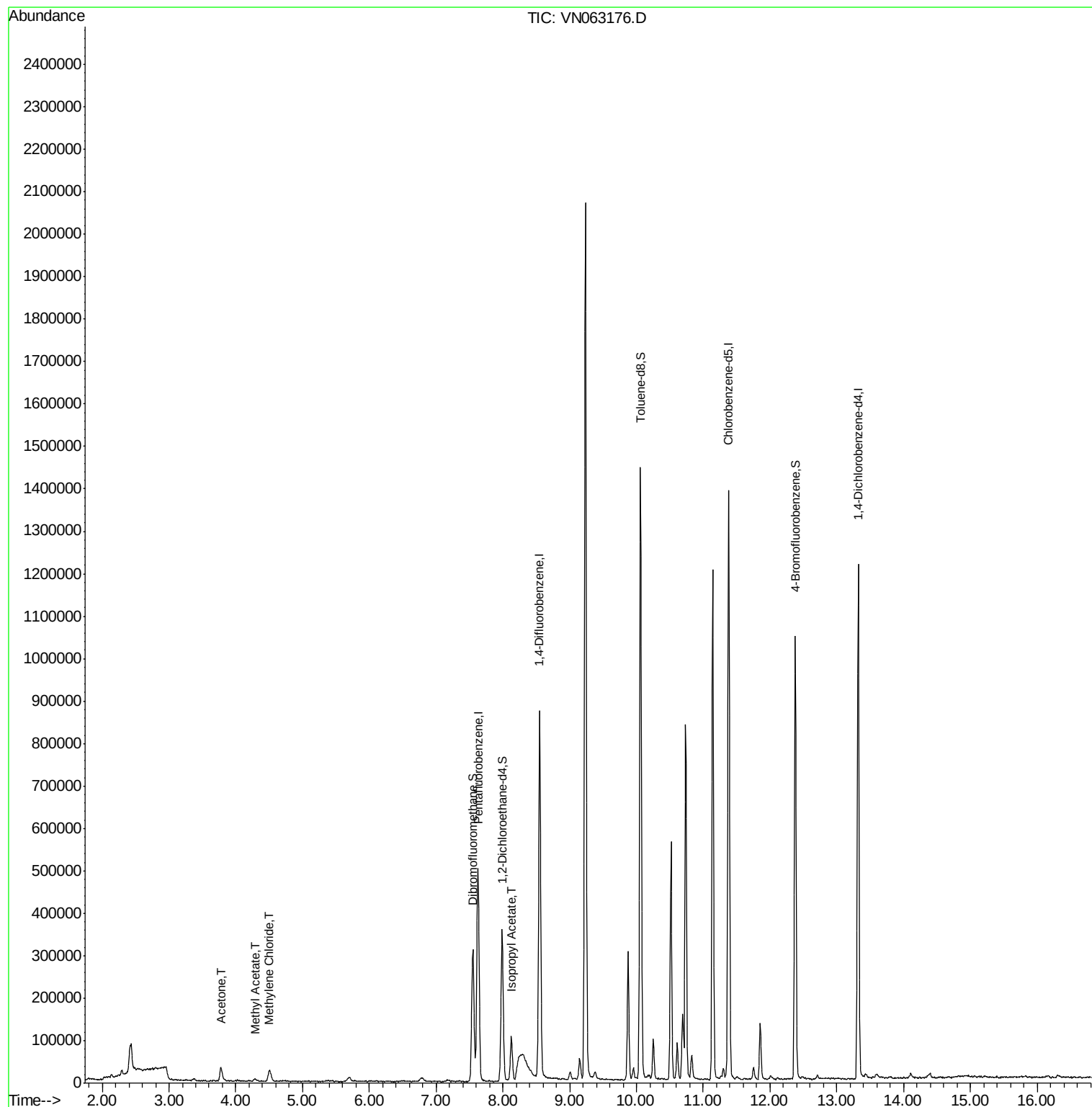
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	375790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	735186	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	737707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	302341	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	304276	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
35) Dibromofluoromethane	7.55	113	232523	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	10.06	98	949011	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.38	95	346005	54.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.98%	
Target Compounds						
16) Acetone	3.78	43	51943	29.745	ug/l #	89
18) Methyl Acetate	4.29	43	9098m	2.032	ug/l	
20) Methylene Chloride	4.51	84	18903	3.391	ug/l #	94
43) Isopropyl Acetate	8.13	43	126694	10.992	ug/l #	90

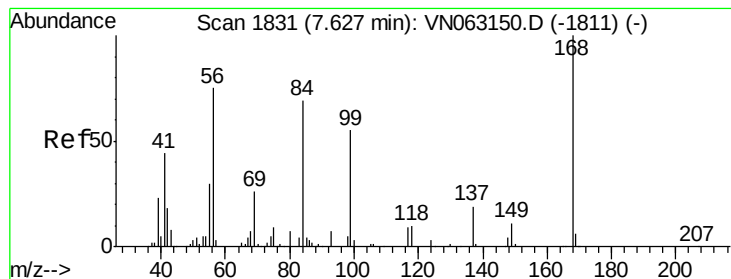
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090120\
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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: VN063176.D

Acq: 1 Sep 2020 23:40

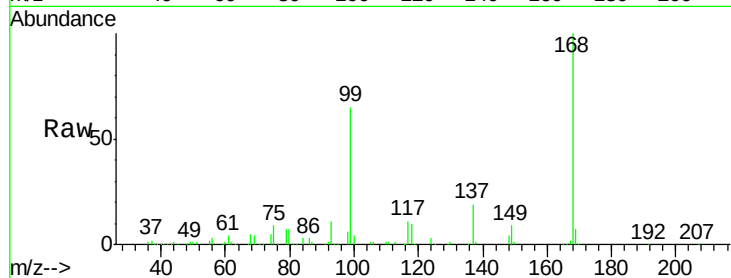
Instrument :
MSVOA_N
ClientSampled :
208

Tot Ion:168 Resp: 375790

Ion Ratio Lower Upper

168 100

99 64.6 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

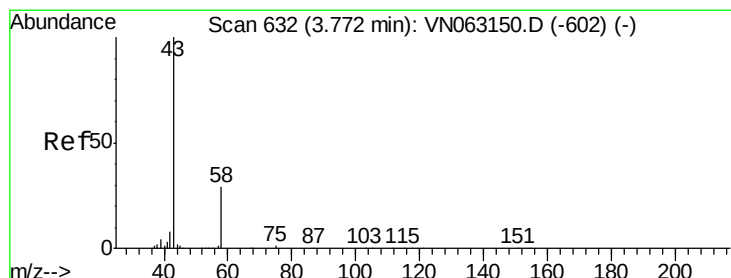
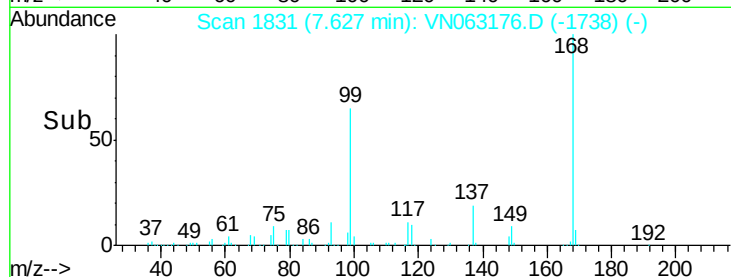
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 29.745 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063176.D

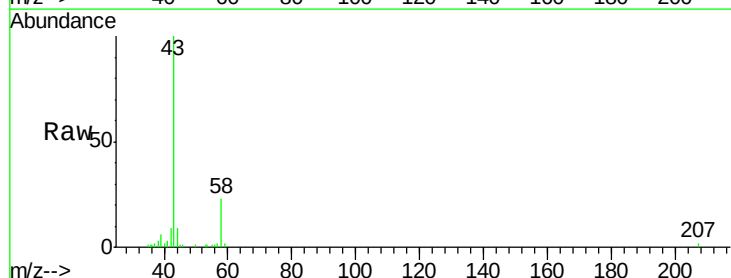
Acq: 1 Sep 2020 23:40

Tgt Ion: 43 Resp: 51943

Ion Ratio Lower Upper

43 100

58 23.1 23.1 34.7#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

25000

20000

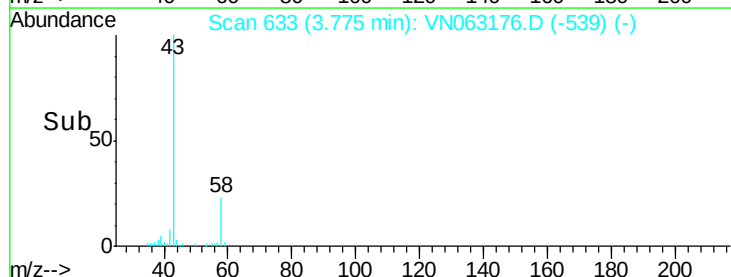
15000

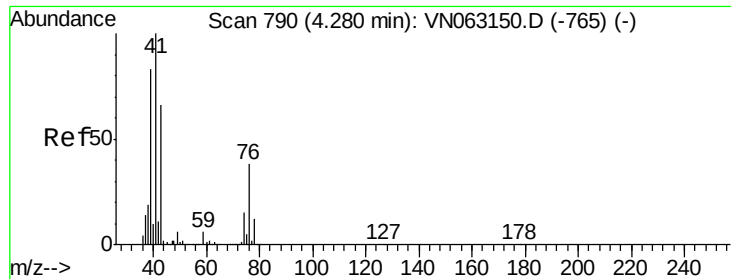
10000

5000

0

Time--> 3.70 3.75 3.80 3.85

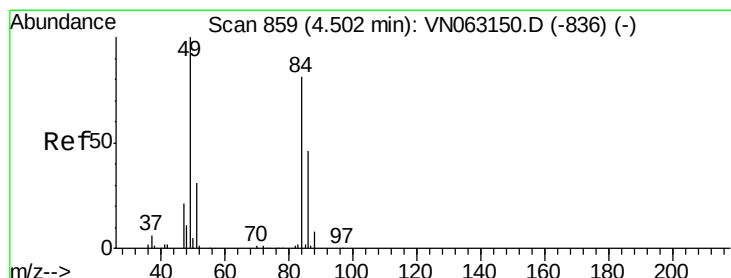
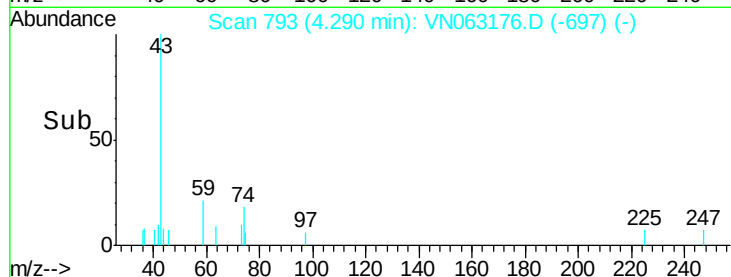
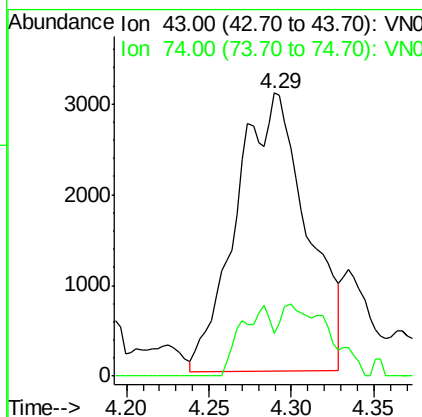
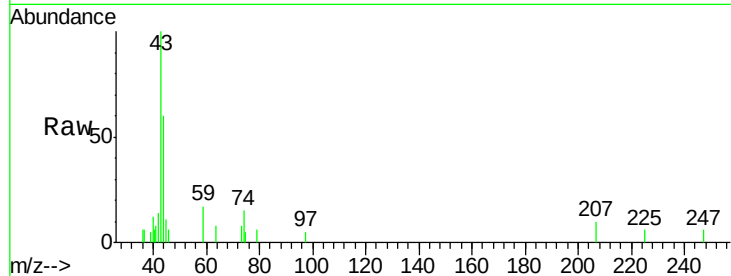




#18
Methvl Acetate
Concen: 2.032 ug/l m
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063176.D
Acq: 1 Sep 2020 23:40

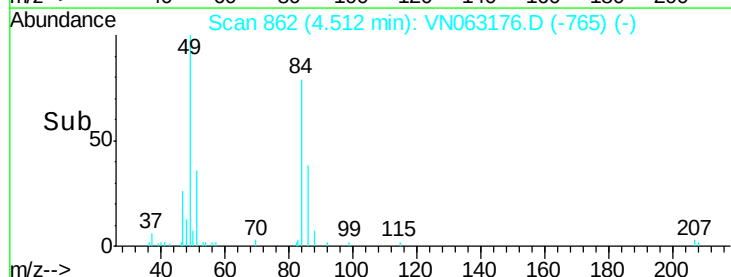
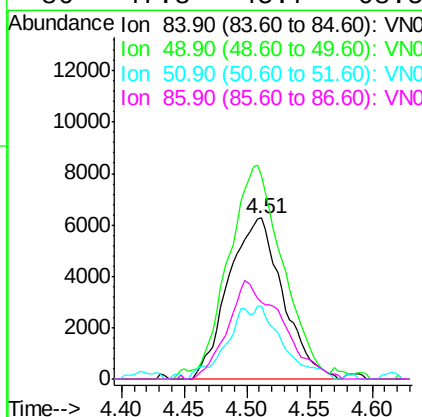
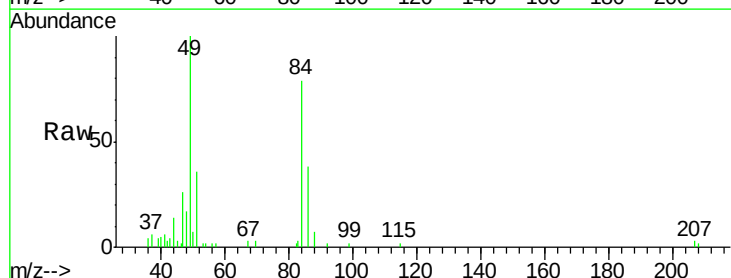
Instrument :
MSVOA_N
ClientSampleId :
208

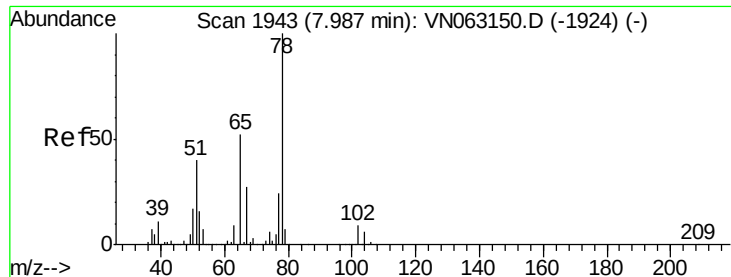
Tot Ion: 43 Resp: 9098
Ion Ratio Lower Upper
43 100
74 11.4 19.0 28.6#



#20
Methylene Chloride
Concen: 3.391 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN063176.D
Acq: 1 Sep 2020 23:40

Tgt Ion: 84 Resp: 18903
Ion Ratio Lower Upper
84 100
49 121.6 98.4 147.6
51 45.7 30.4 45.6#
86 47.8 45.7 68.5

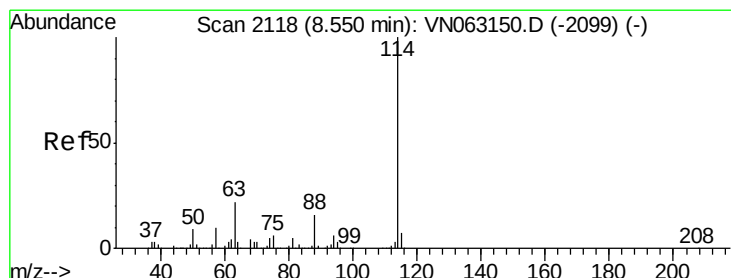
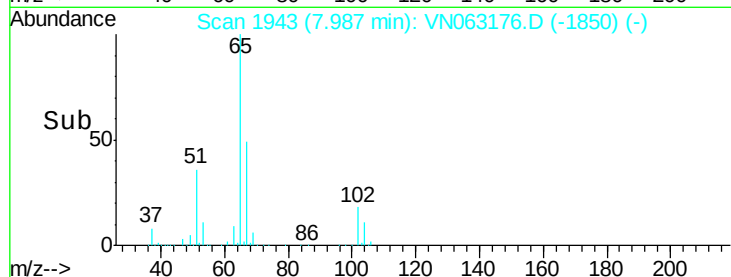
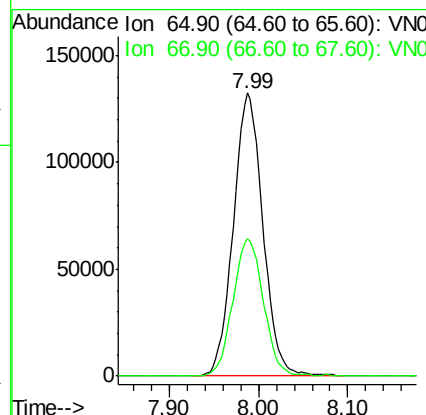
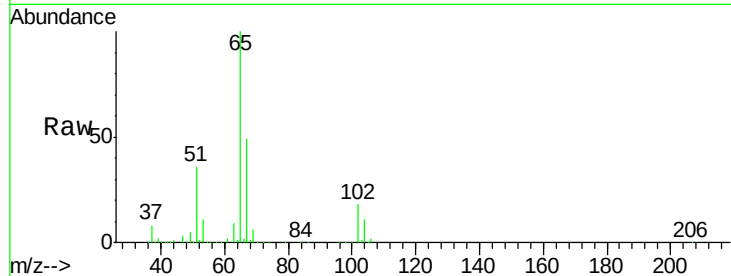




#33
 1,2-Dichloroethane-d4
 Concen: 49.532 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063176.D
 Acq: 1 Sep 2020 23:40

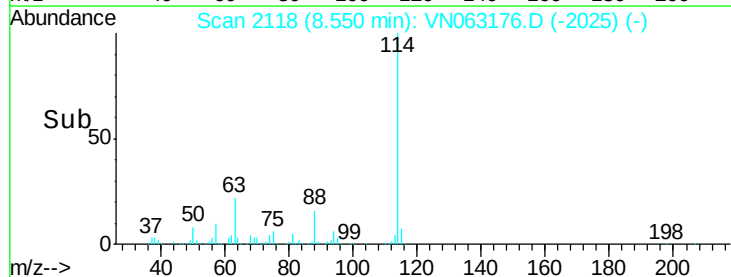
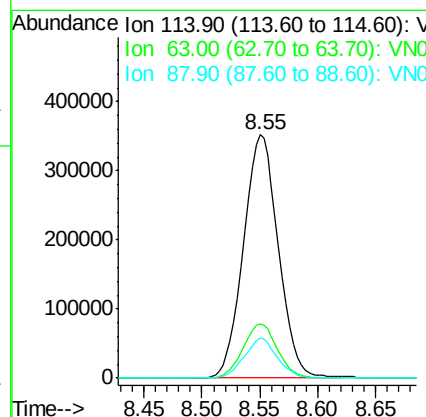
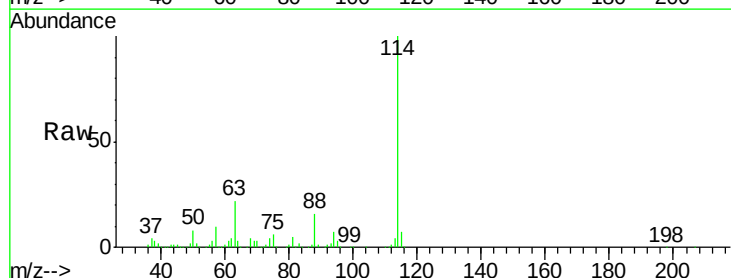
Instrument :
 MSVOA_N
 ClientSampled :
 208

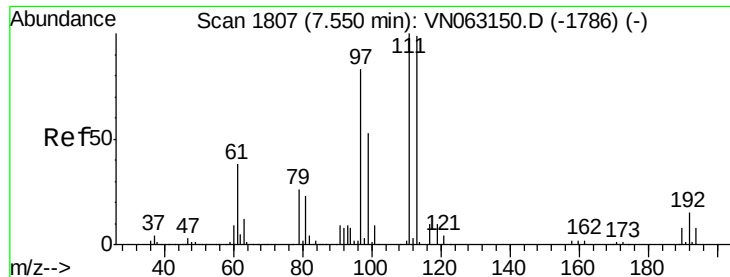
Tot Ion: 65 Resp: 304276
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063176.D
 Acq: 1 Sep 2020 23:40

Tgt Ion: 114 Resp: 735186
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.0
 88 16.3 0.0 31.6

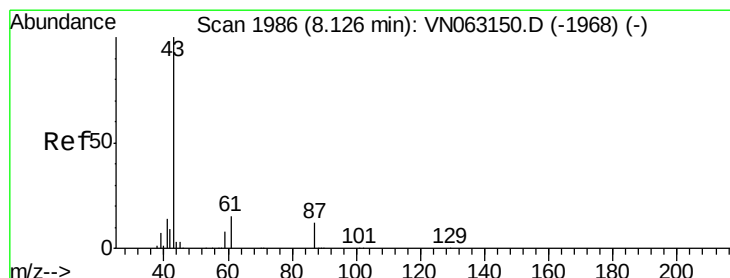
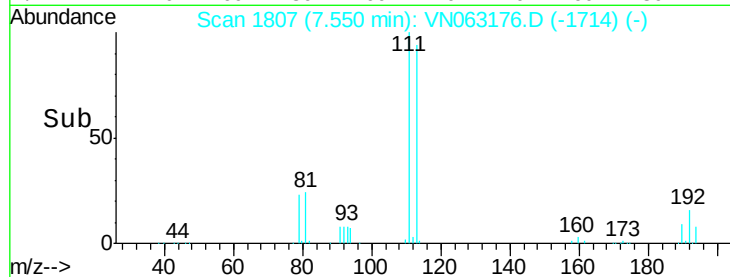
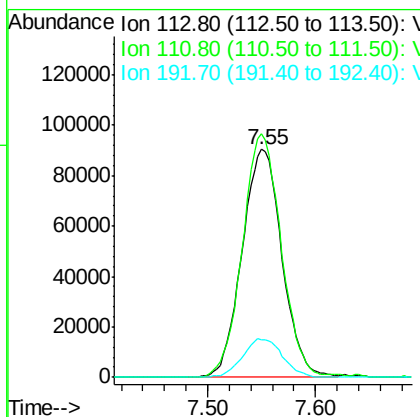
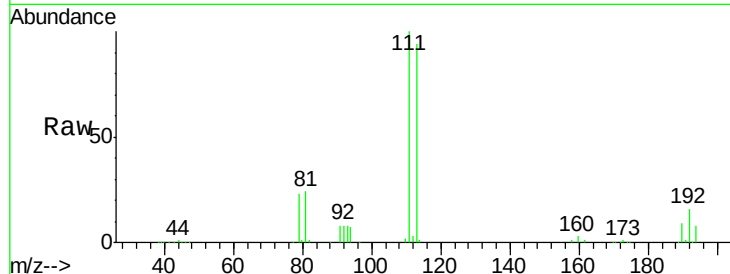




#35
 Dibromofluoromethane
 Concen: 49.299 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063176.D
 Acq: 1 Sep 2020 23:40

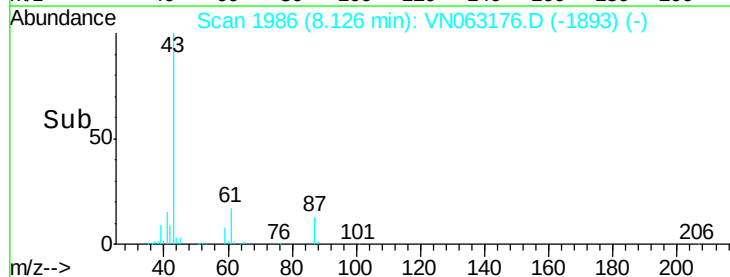
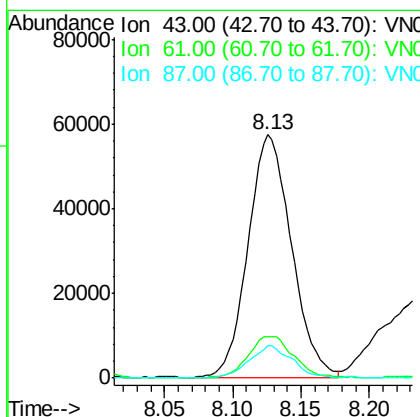
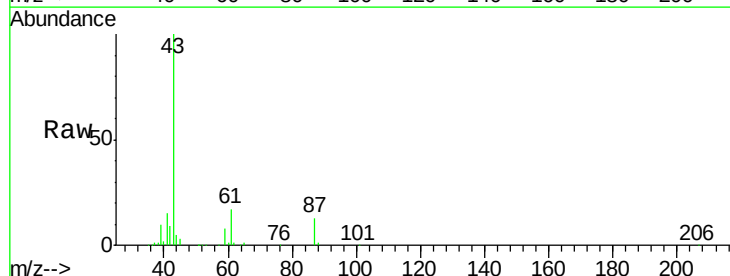
Instrument :
 MSVOA_N
 ClientSampled :
 208

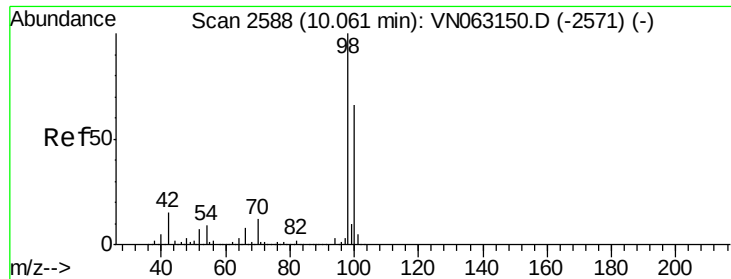
Tot Ion:113 Resp: 232523
 Ion Ratio Lower Upper
 113 100
 111 104.0 80.7 121.1
 192 16.9 12.6 19.0



#43
 Isopropyl Acetate
 Concen: 10.992 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN063176.D
 Acq: 1 Sep 2020 23:40

Tgt Ion: 43 Resp: 126694
 Ion Ratio Lower Upper
 43 100
 61 18.2 20.2 30.4#
 87 13.1 9.8 14.6





#50

Toluene-d8

Concen: 52.275 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063176.D

Acq: 1 Sep 2020 23:40

Instrument :

MSVOA_N

ClientSampled :

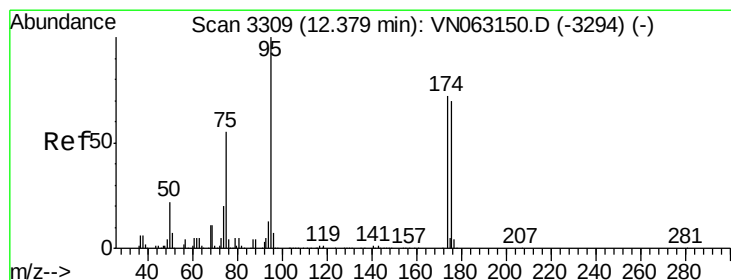
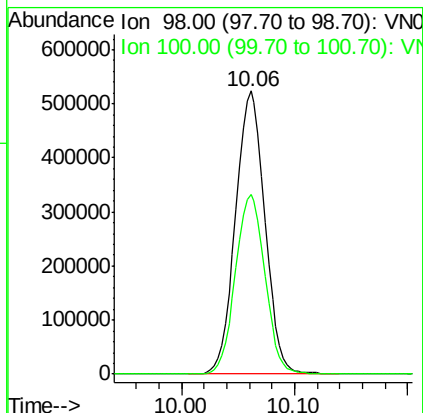
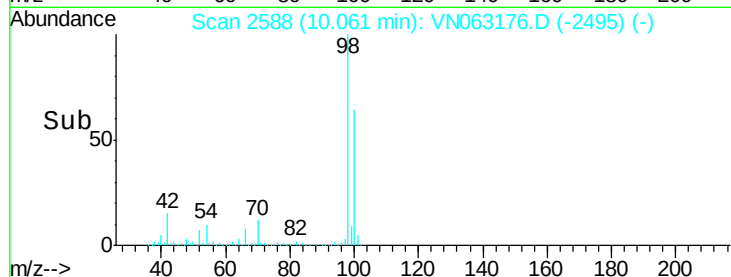
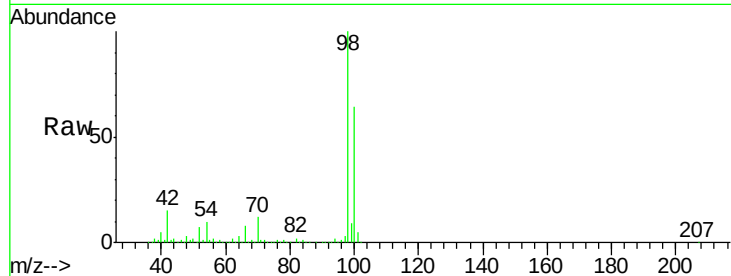
208

Tot Ion: 98 Resp: 949011

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 54.485 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063176.D

Acq: 1 Sep 2020 23:40

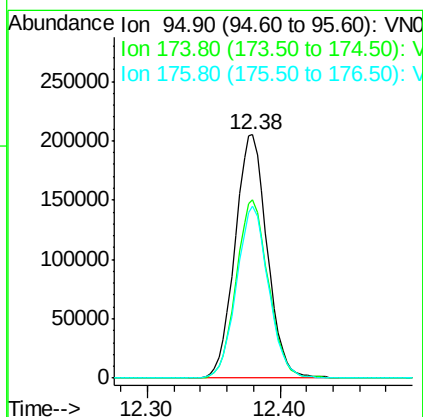
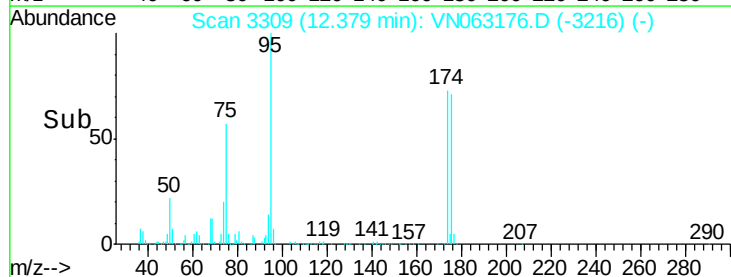
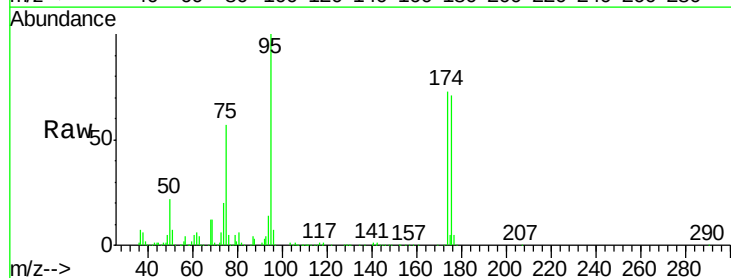
Tgt Ion: 95 Resp: 346005

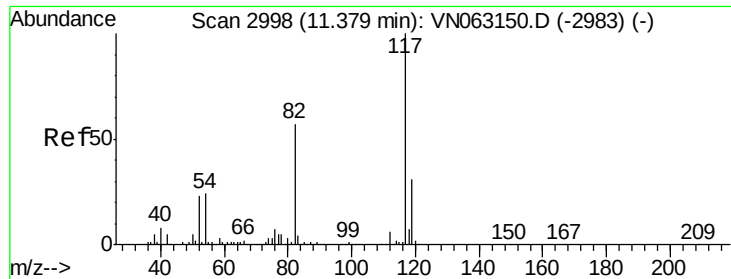
Ion Ratio Lower Upper

95 100

174 73.3 0.0 143.8

176 70.1 0.0 138.4

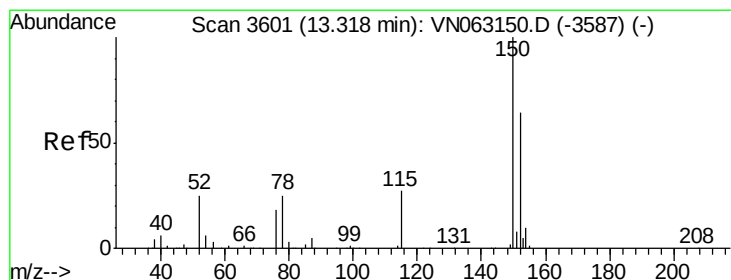
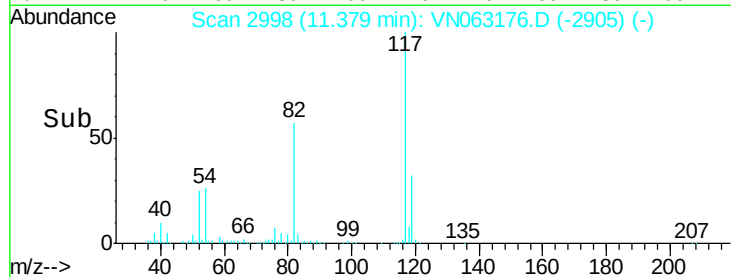
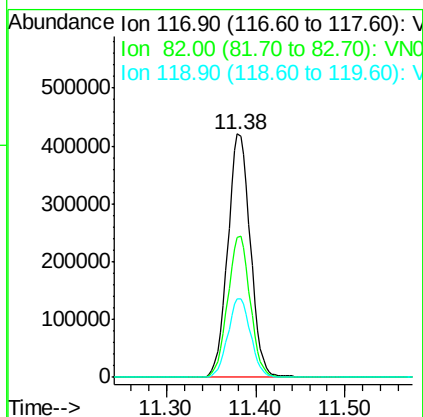
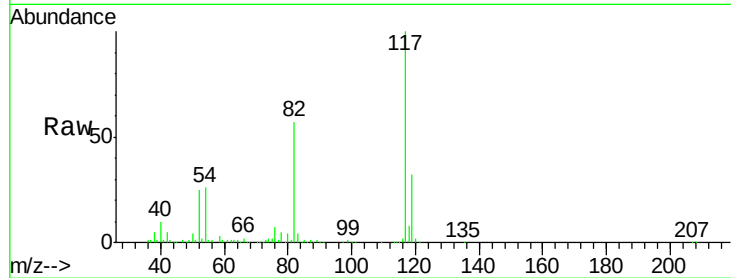




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063176.D
Acq: 1 Sep 2020 23:40

Instrument :
MSVOA_N
ClientSampled :
208

Tot Ion:117 Resp: 737707
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.0
119 32.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063176.D
Acq: 1 Sep 2020 23:40

Tgt Ion:152 Resp: 302341
Ion Ratio Lower Upper
152 100
115 61.6 32.0 96.2
150 158.3 0.0 353.0

