

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076160.D
 Acq On : 09 Jan 2023 16:52
 Operator : JC\MD
 Sample : 01065-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-210

Quant Time: Jan 10 01:09:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

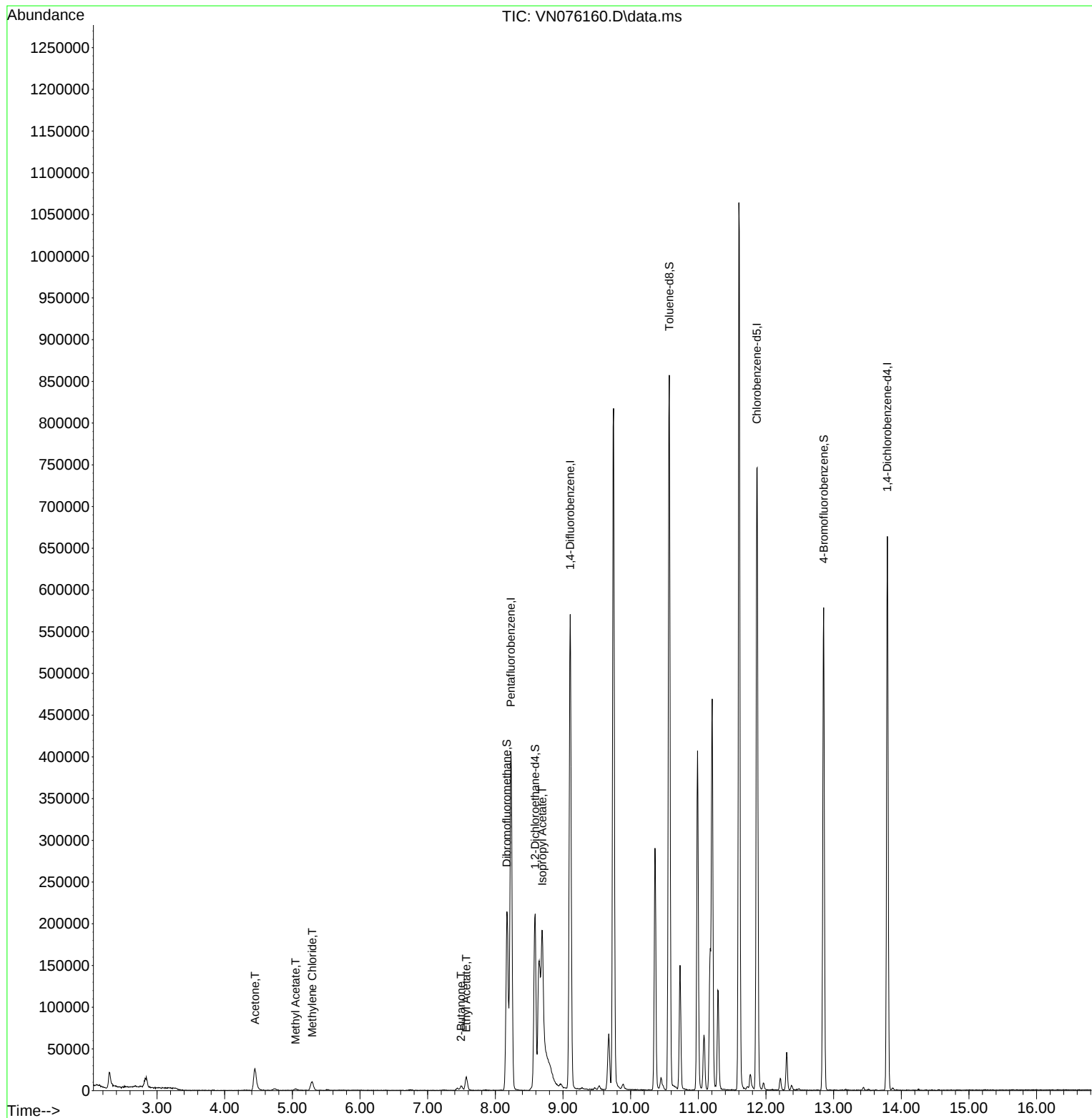
Internal Standards						
1) Pentafluorobenzene	8.230	168	311242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	518071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	458797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	172535	50.955	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	101.920%	
35) Dibromofluoromethane	8.171	113	151800	47.314	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.620%	
50) Toluene-d8	10.571	98	599011	49.936	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.880%	
62) 4-Bromofluorobenzene	12.853	95	190242	47.883	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	95.760%	
Target Compounds						
						Qvalue
16) Acetone	4.448	43	49542	42.444	ug/l	97
18) Methyl Acetate	5.047	43	3578	1.037	ug/l	91
20) Methylene Chloride	5.295	84	9427	2.410	ug/l #	82
25) 2-Butanone	7.494	43	8870	5.427	ug/l	99
37) Ethyl Acetate	7.571	43	23773	6.944	ug/l	97
43) Isopropyl Acetate	8.694	43	291700	51.654	ug/l #	68

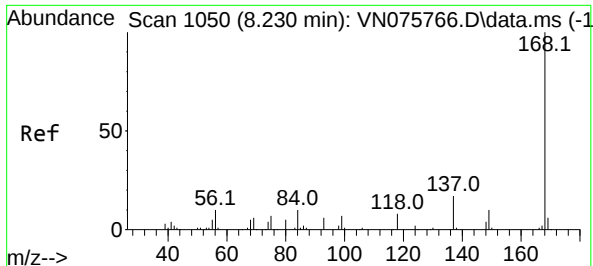
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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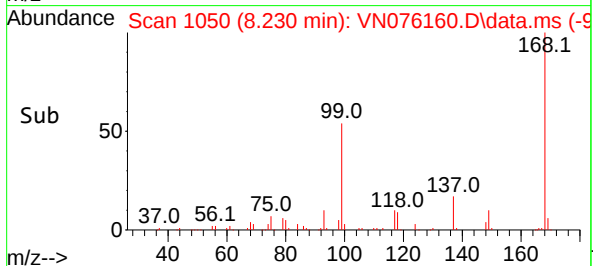
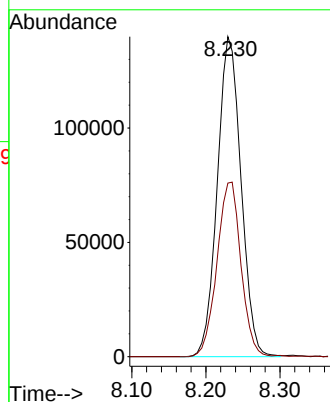
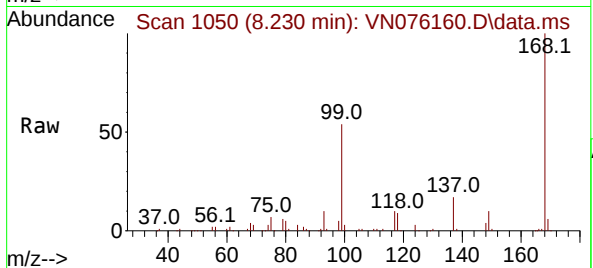




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076160.D
Acq: 09 Jan 2023 16:52

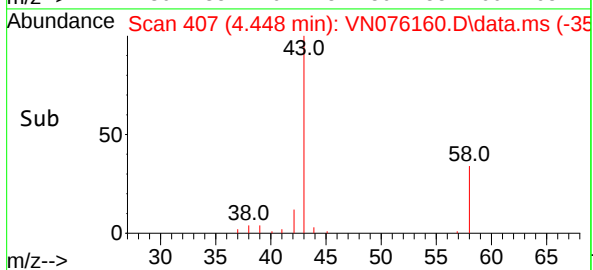
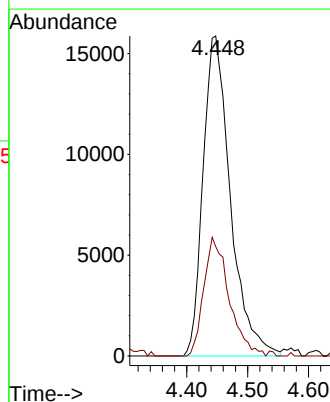
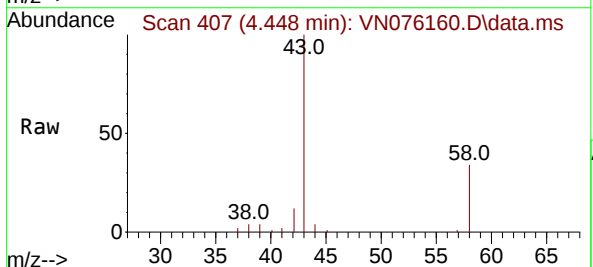
Instrument :
MSVOA_N
ClientSampleId :
VNJ-210

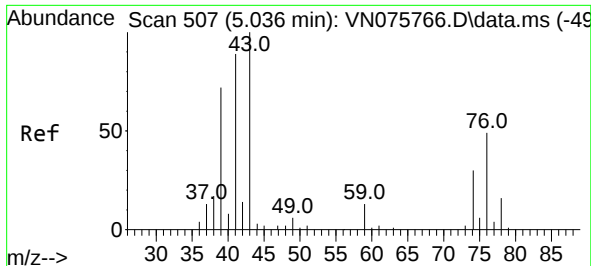
Tgt Ion:168 Resp: 311242
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#16
Acetone
Concen: 42.444 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076160.D
Acq: 09 Jan 2023 16:52

Tgt Ion: 43 Resp: 49542
Ion Ratio Lower Upper
43 100
58 34.2 28.6 43.0

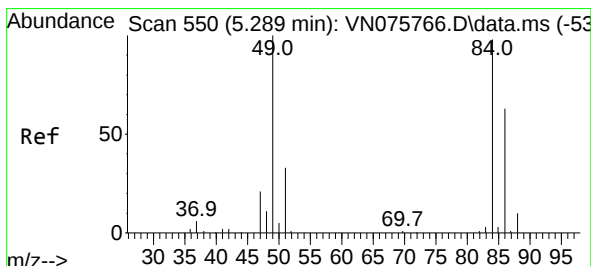
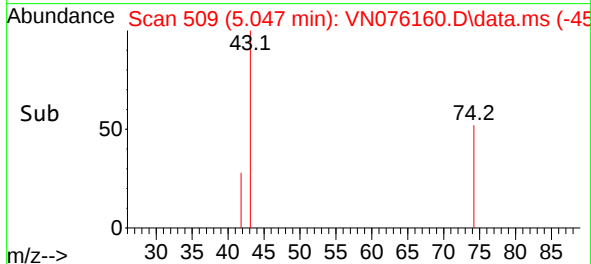
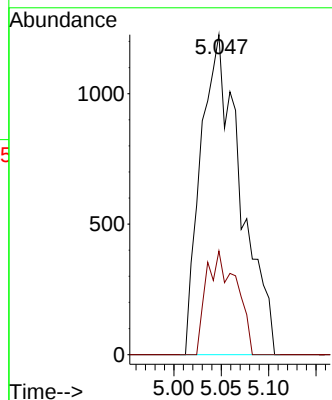
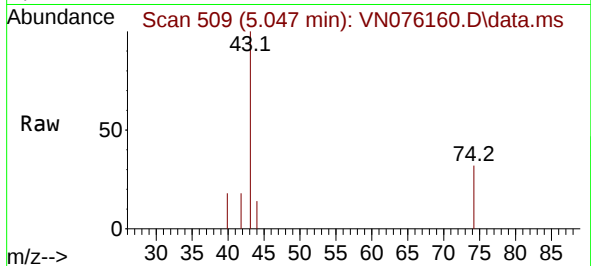




#18
Methyl Acetate
Concen: 1.037 ug/l
RT: 5.047 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN076160.D
Acq: 09 Jan 2023 16:52

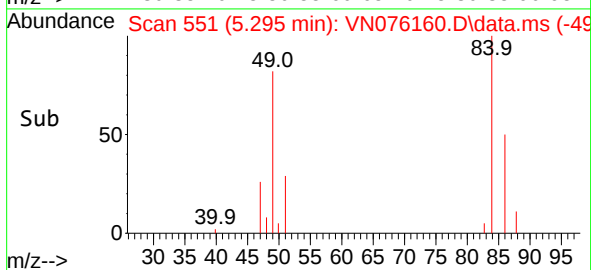
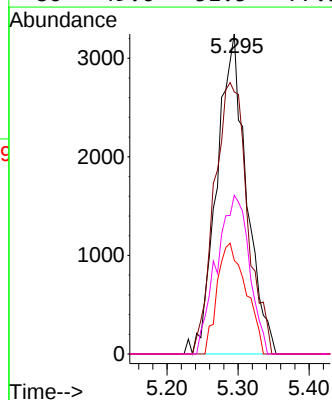
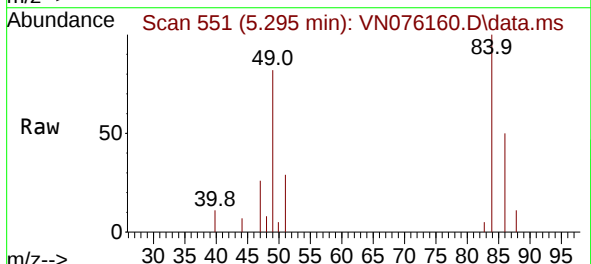
Instrument :
MSVOA_N
ClientSampleId :
VNJ-210

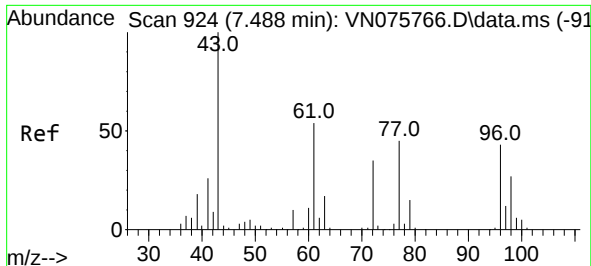
Tgt Ion: 43 Resp: 3578
Ion Ratio Lower Upper
43 100
74 24.5 23.6 35.4



#20
Methylene Chloride
Concen: 2.410 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076160.D
Acq: 09 Jan 2023 16:52

Tgt Ion: 84 Resp: 9427
Ion Ratio Lower Upper
84 100
49 81.9 81.8 122.6
51 29.3 26.7 40.1
86 49.6 51.5 77.3#

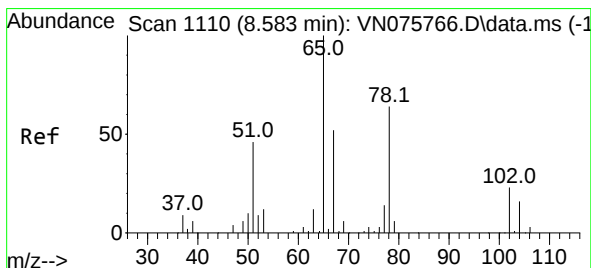
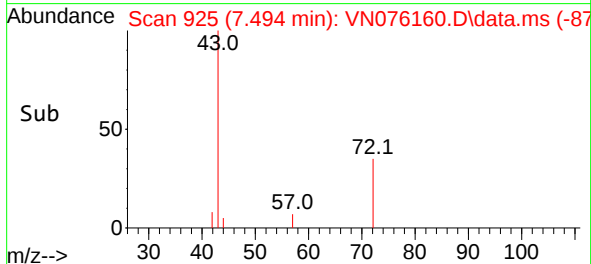
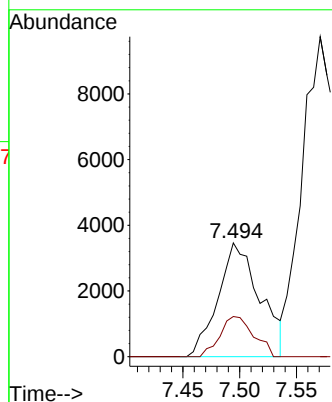
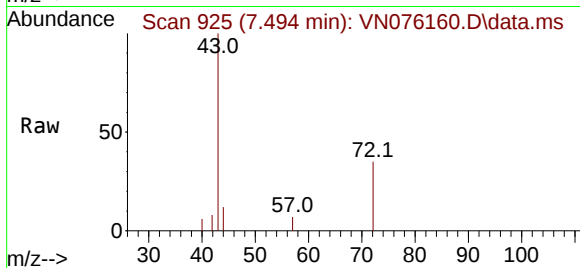




#25
2-Butanone
Concen: 5.427 ug/l
RT: 7.494 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN076160.D
Acq: 09 Jan 2023 16:52

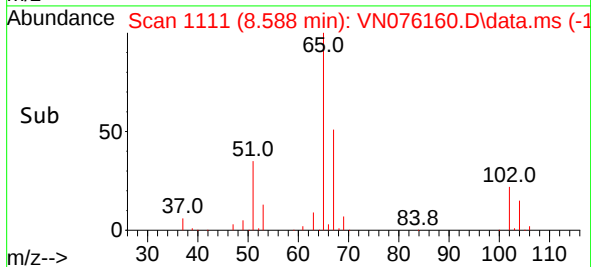
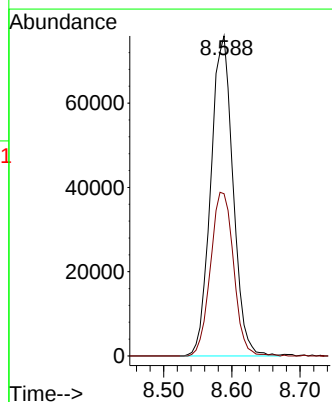
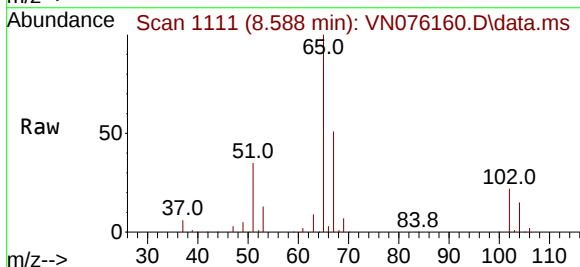
Instrument :
MSVOA_N
ClientSampleId :
VNJ-210

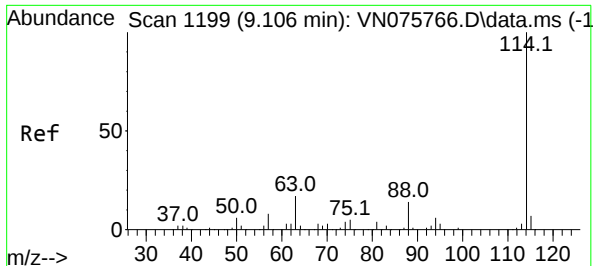
Tgt Ion: 43 Resp: 8870
Ion Ratio Lower Upper
43 100
72 35.3 28.0 42.0



#33
1,2-Dichloroethane-d4
Concen: 50.955 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076160.D
Acq: 09 Jan 2023 16:52

Tgt Ion: 65 Resp: 172535
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076160.D

Acq: 09 Jan 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

VNJ-210

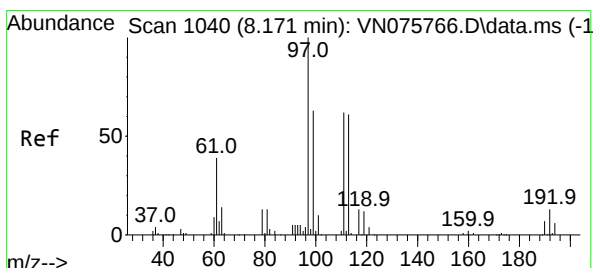
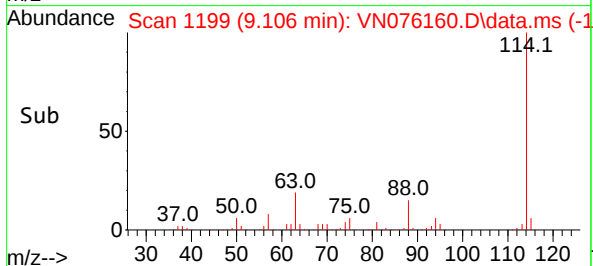
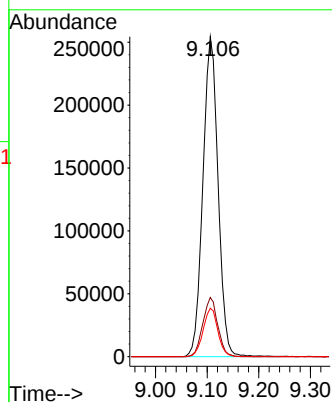
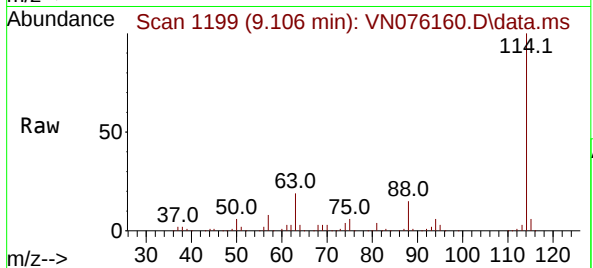
Tgt Ion:114 Resp: 518071

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.4

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.314 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076160.D

Acq: 09 Jan 2023 16:52

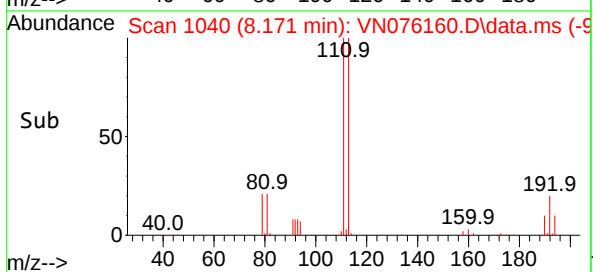
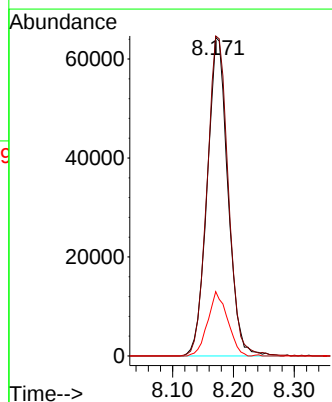
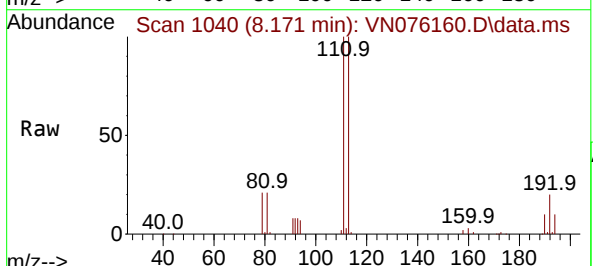
Tgt Ion:113 Resp: 151800

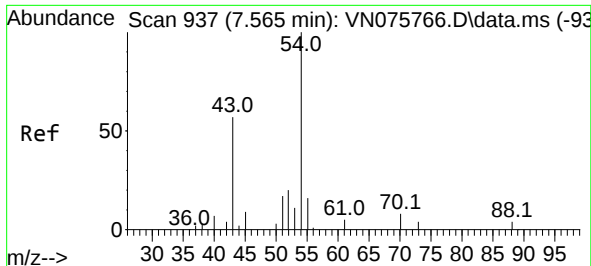
Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

192 19.4 16.1 24.1

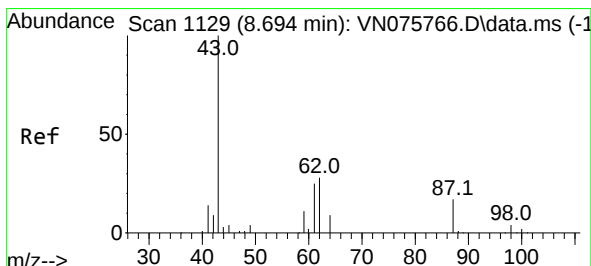
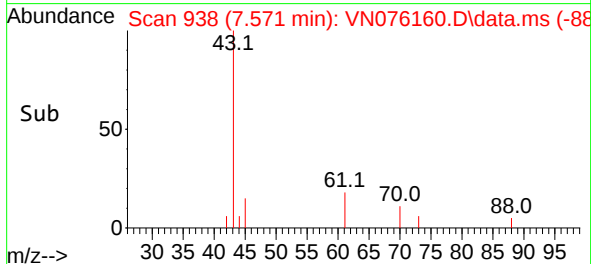
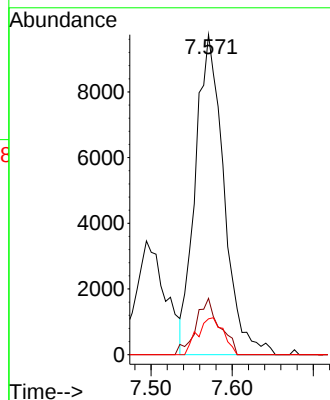
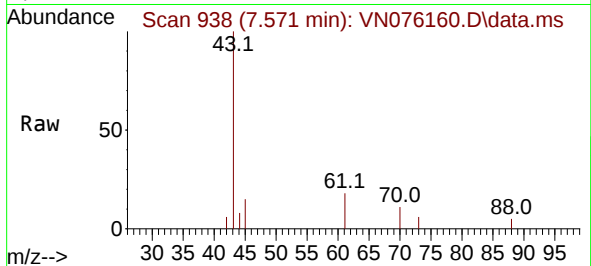




#37
Ethyl Acetate
Concen: 6.944 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076160.D
Acq: 09 Jan 2023 16:52

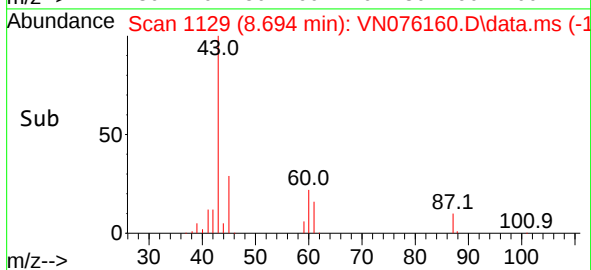
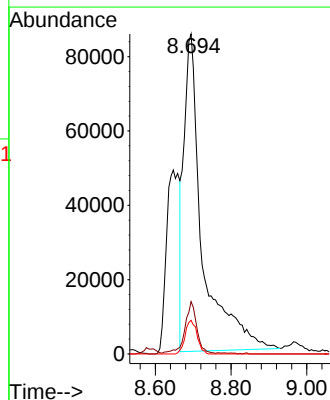
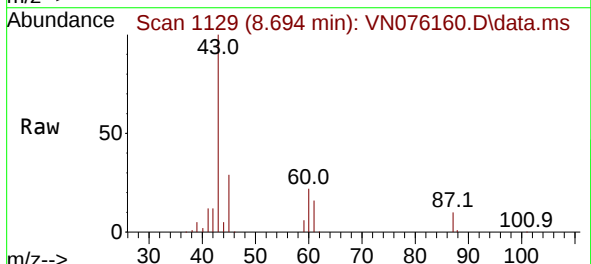
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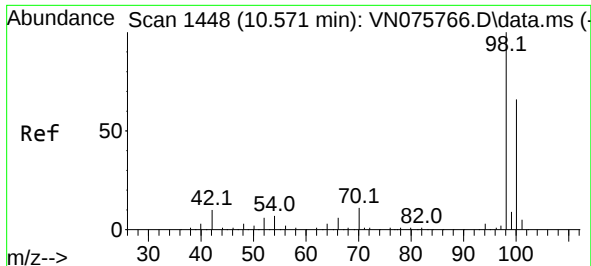
Tgt Ion:	43	Resp:	23773
Ion	Ratio	Lower	Upper
43	100		
61	14.7	13.0	19.4
70	10.4	9.4	14.0



#43
Isopropyl Acetate
Concen: 51.654 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076160.D
Acq: 09 Jan 2023 16:52

Tgt Ion:	43	Resp:	291700
Ion	Ratio	Lower	Upper
43	100		
61	10.3	24.2	36.4#
87	6.7	13.3	19.9#

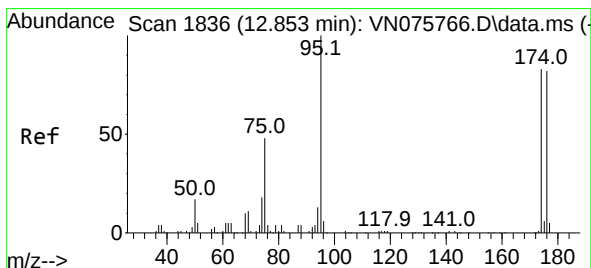
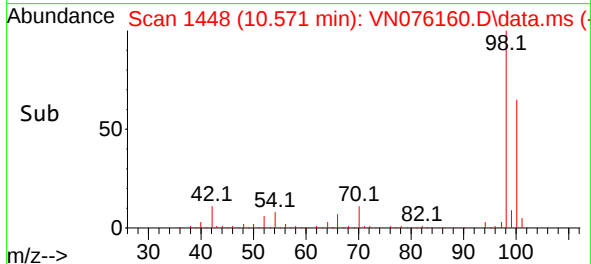
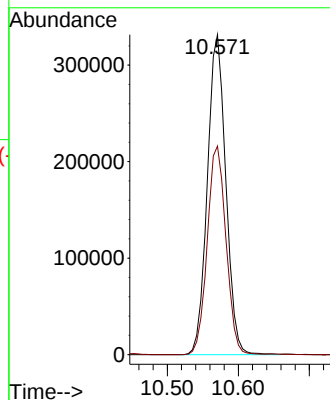
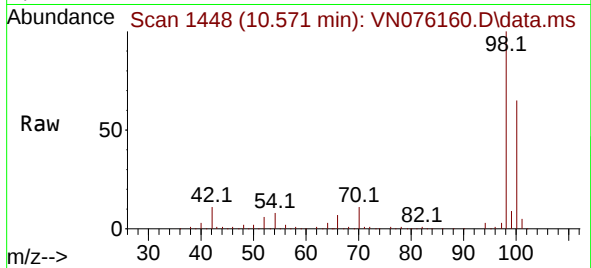




#50
Toluene-d8
Concen: 49.936 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076160.D
Acq: 09 Jan 2023 16:52

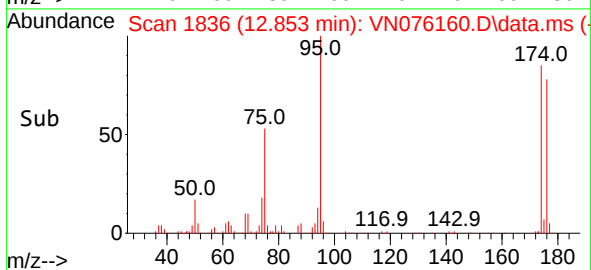
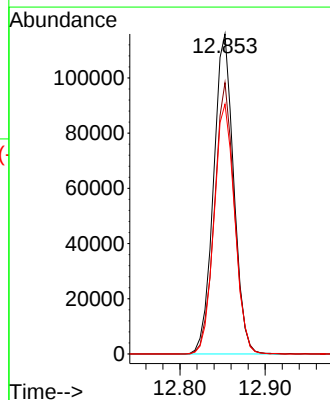
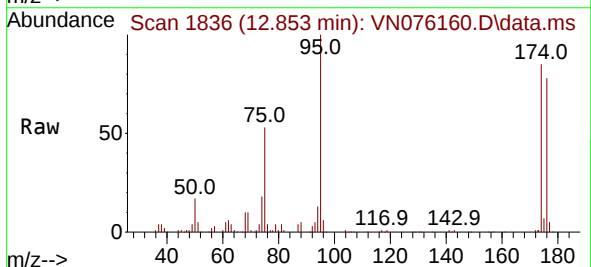
Instrument :
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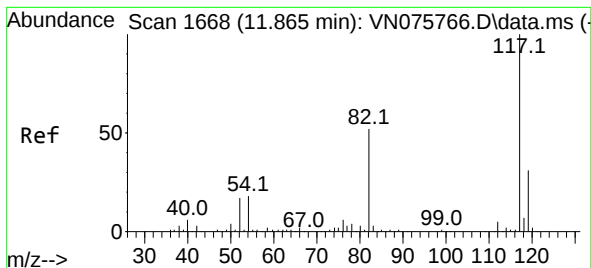
Tgt Ion: 98 Resp: 599011
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.883 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076160.D
Acq: 09 Jan 2023 16:52

Tgt Ion: 95 Resp: 190242
Ion Ratio Lower Upper
95 100
174 83.8 0.0 171.6
176 79.8 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076160.D

Acq: 09 Jan 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

VNJ-210

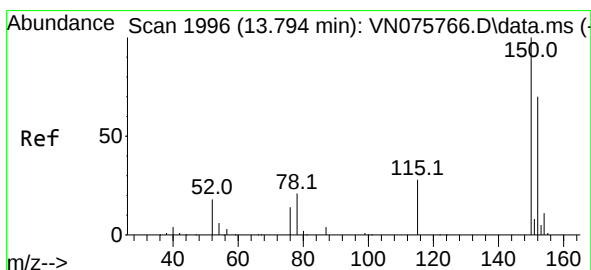
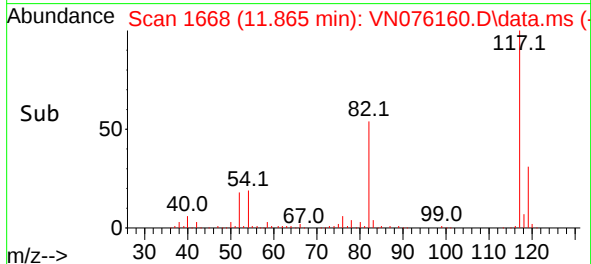
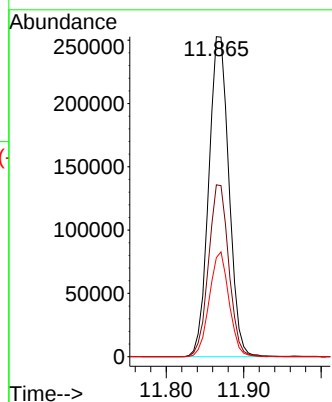
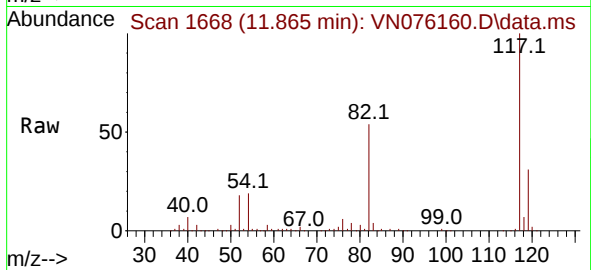
Tgt Ion:117 Resp: 458797

Ion Ratio Lower Upper

117 100

82 53.7 41.3 61.9

119 31.0 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076160.D

Acq: 09 Jan 2023 16:52

Tgt Ion:152 Resp: 184990

Ion Ratio Lower Upper

152 100

115 57.6 29.1 87.4

150 157.6 0.0 347.0

