

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074103.D
 Acq On : 24 Aug 2022 19:58
 Operator : JC\MD
 Sample : N4280-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D3-20220818

Quant Time: Aug 25 07:56:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

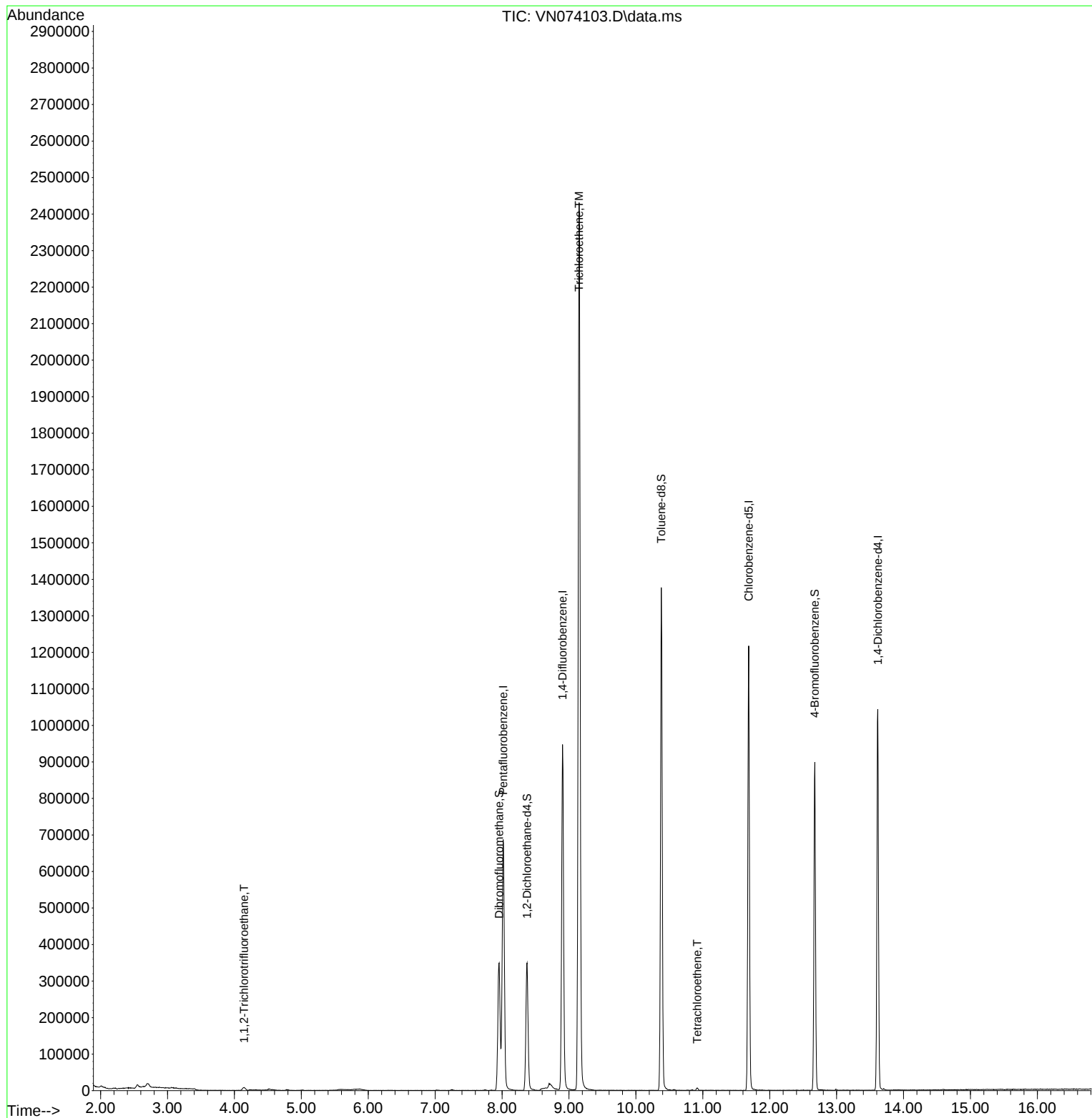
Internal Standards						
1) Pentafluorobenzene	8.016	168	571999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	874119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	730587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	306542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	295102	52.969	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.940%
35) Dibromofluoromethane	7.957	113	264187	51.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.220%
50) Toluene-d8	10.380	98	980478	48.973	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.674	95	295060	44.406	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.820%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.145	101	5793	1.194	ug/l #	78
44) Trichloroethene	9.151	130	970803	148.319	ug/l	99
64) Tetrachloroethene	10.916	164	1796	0.311	ug/l #	89

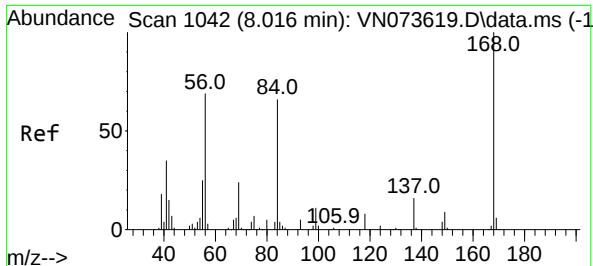
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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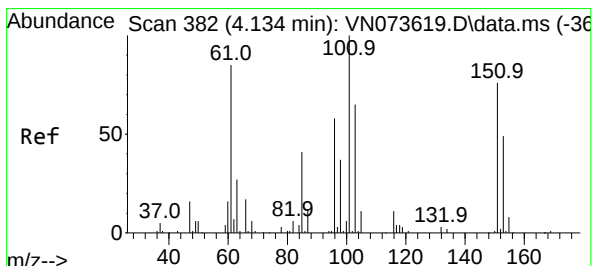
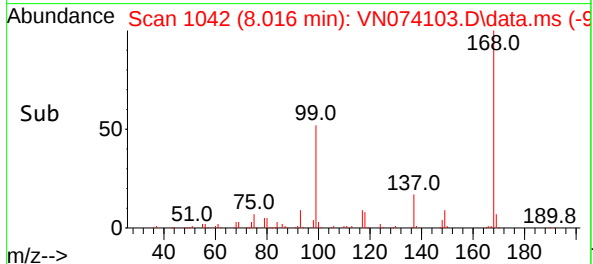
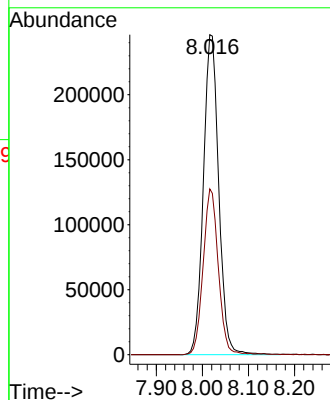
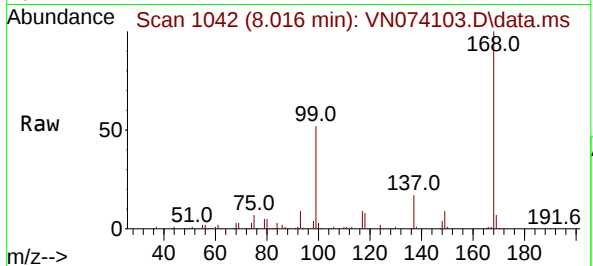




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

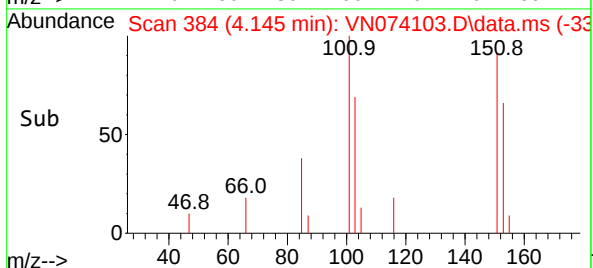
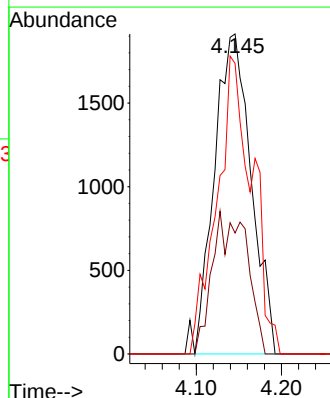
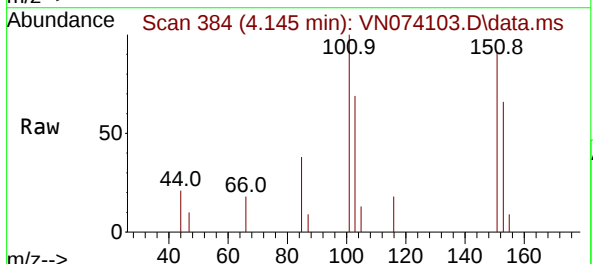
Instrument :
MSVOA_N
ClientSampleId :
RE103D3-20220818

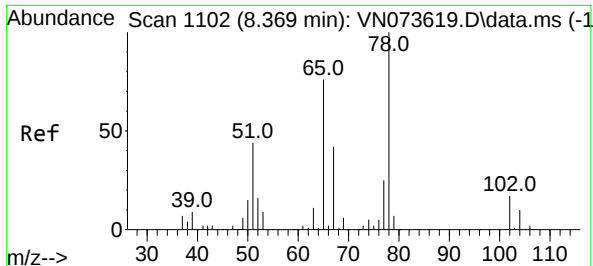
Tgt Ion:168 Resp: 571999
Ion Ratio Lower Upper
168 100
99 51.8 42.3 63.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.194 ug/l
RT: 4.145 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

Tgt Ion:101 Resp: 5793
Ion Ratio Lower Upper
101 100
85 17.4 34.7 52.1#
151 88.6 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 52.969 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074103.D

Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

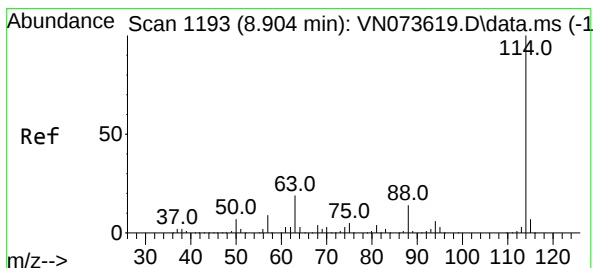
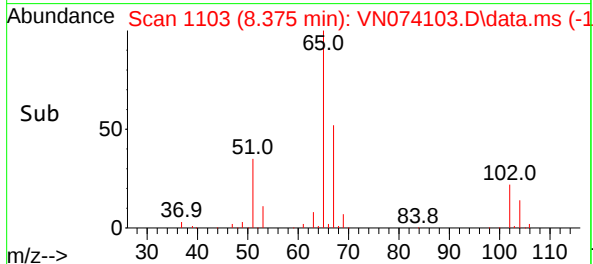
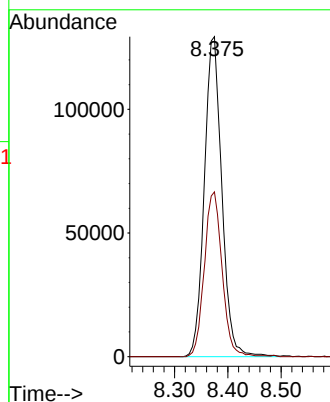
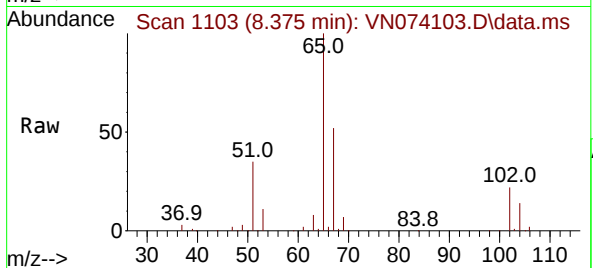
RE103D3-20220818

Tgt Ion: 65 Resp: 295102

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074103.D

Acq: 24 Aug 2022 19:58

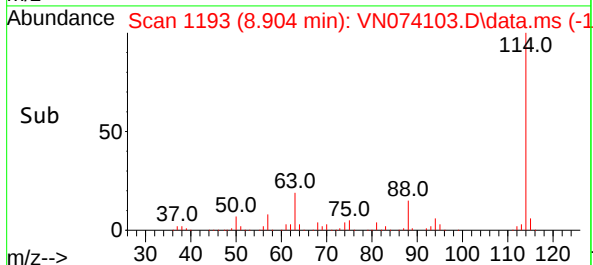
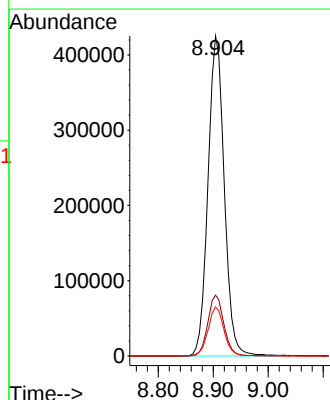
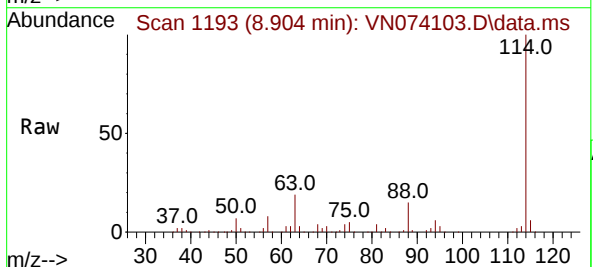
Tgt Ion: 114 Resp: 874119

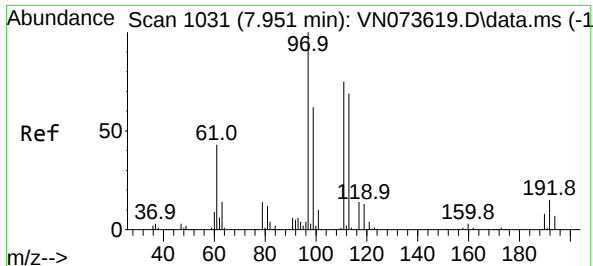
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.105 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074103.D

Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

RE103D3-20220818

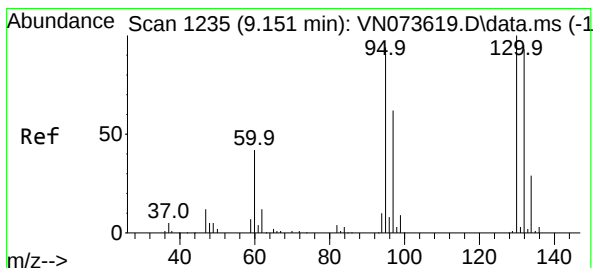
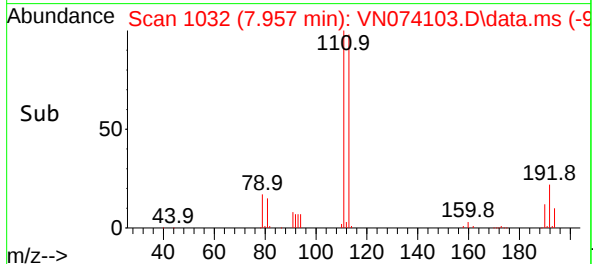
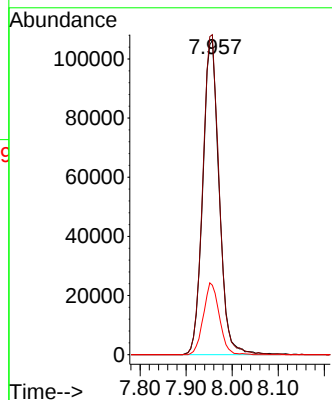
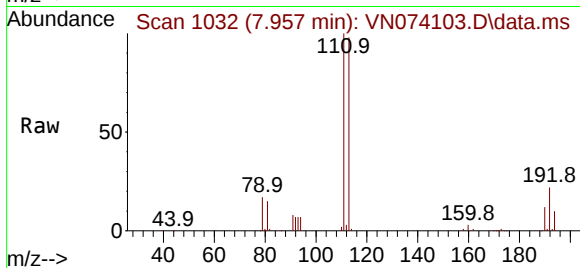
Tgt Ion:113 Resp: 264187

Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.0

192 22.2 17.0 25.6



#44

Trichloroethene

Concen: 148.319 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN074103.D

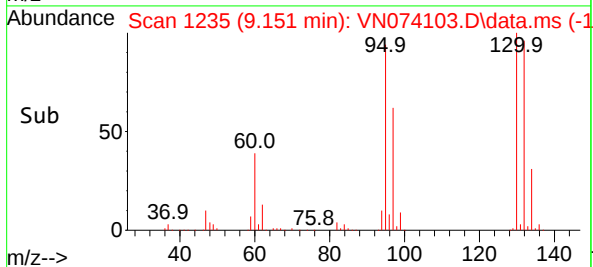
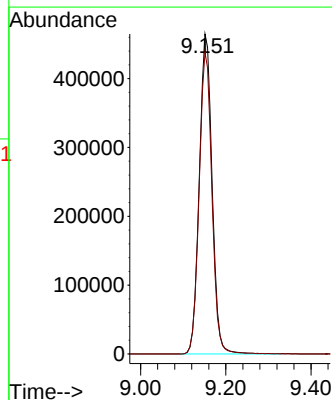
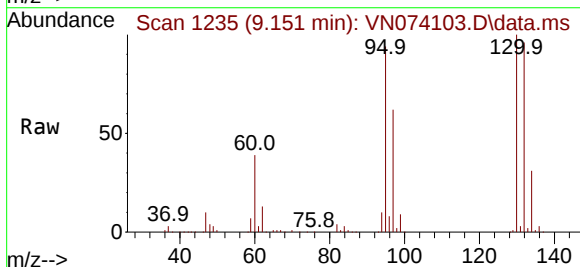
Acq: 24 Aug 2022 19:58

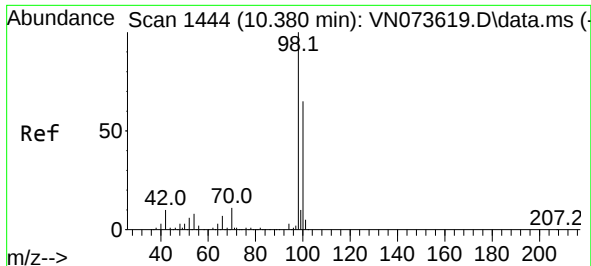
Tgt Ion:130 Resp: 970803

Ion Ratio Lower Upper

130 100

95 94.2 0.0 186.8

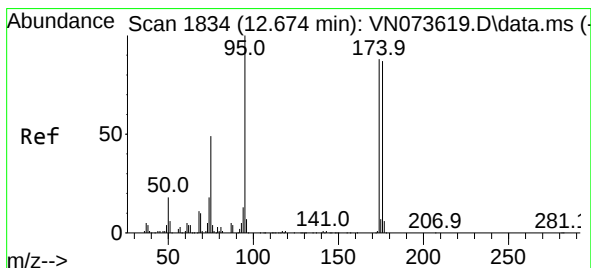
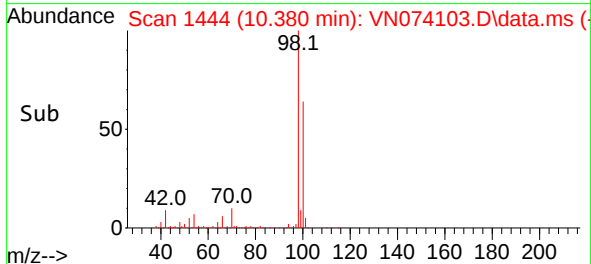
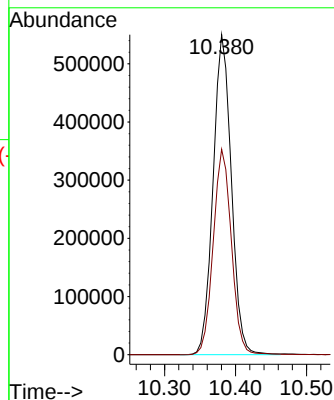
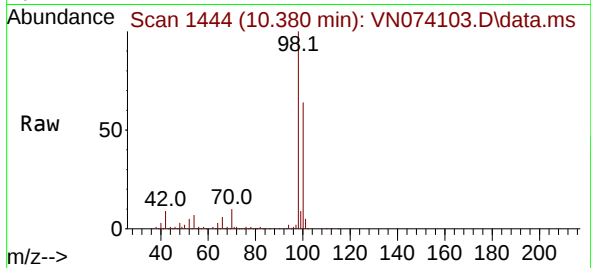




#50
Toluene-d8
Concen: 48.973 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

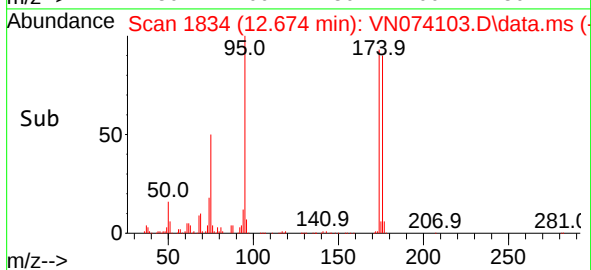
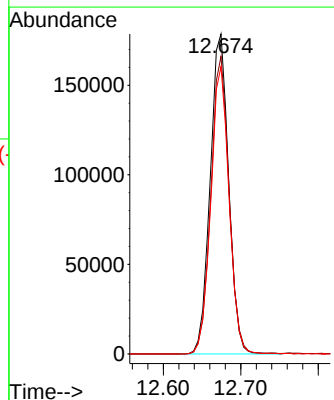
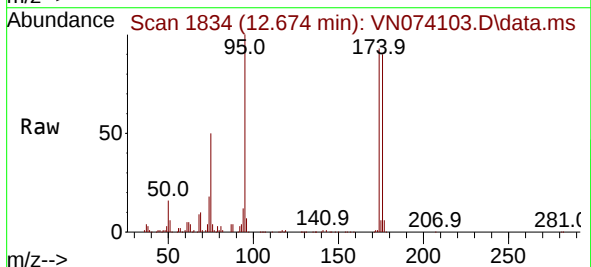
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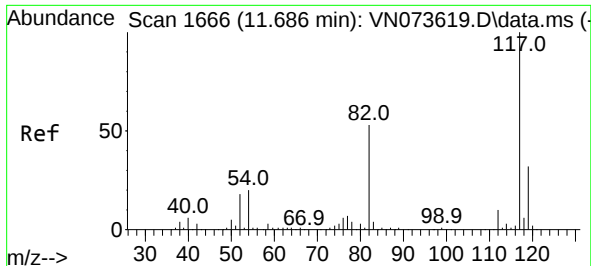
Tgt Ion: 98 Resp: 980478
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.406 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 95 Resp: 295060
Ion Ratio Lower Upper
95 100
174 92.1 0.0 167.6
176 88.7 0.0 163.4

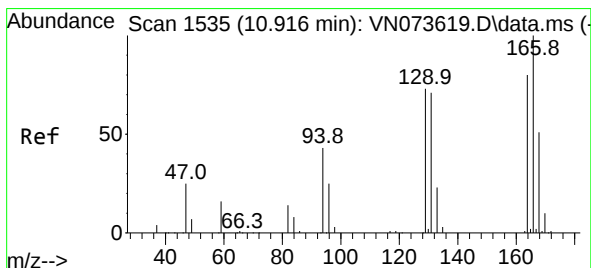
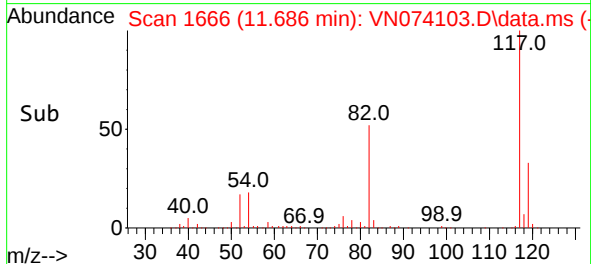
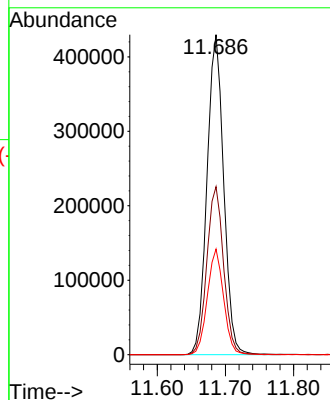
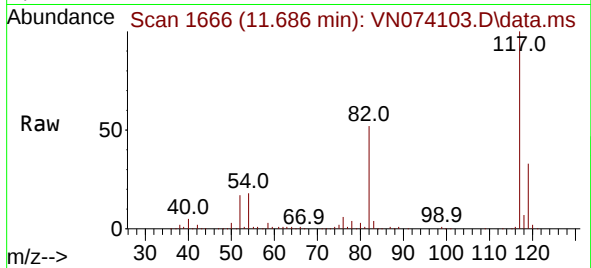




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

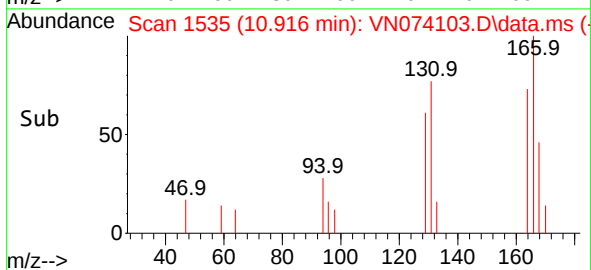
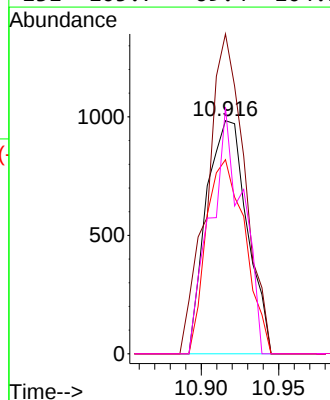
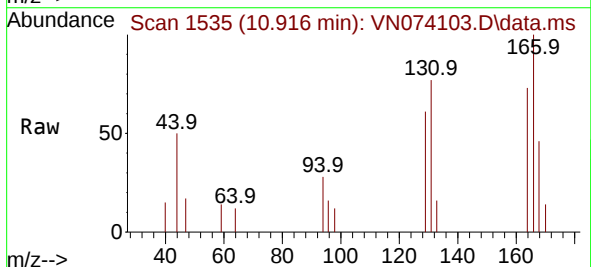
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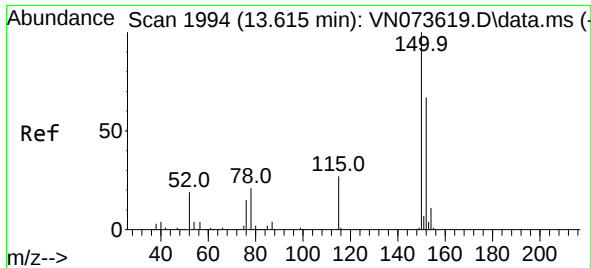
Tgt Ion:117 Resp: 730587
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 33.0 25.4 38.0



#64
Tetrachloroethene
Concen: 0.311 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074103.D
Acq: 24 Aug 2022 19:58

Tgt Ion:164 Resp: 1796
Ion Ratio Lower Upper
164 100
166 137.2 104.2 156.2
129 83.2 73.9 110.9
131 105.7 69.4 104.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN074103.D

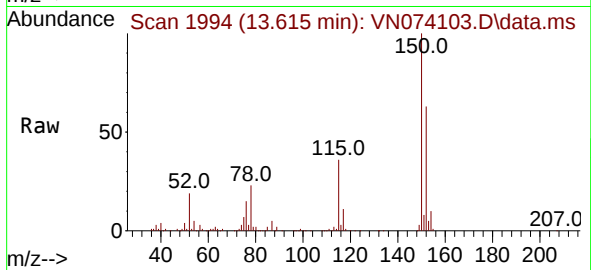
Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

RE103D3-20220818



Tgt Ion:152 Resp: 306542

Ion Ratio Lower Upper

152 100

115 55.7 28.9 86.7

150 158.1 0.0 356.2

