

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074104.D
 Acq On : 24 Aug 2022 20:23
 Operator : JC\MD
 Sample : N4280-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D2-20220818

Quant Time: Aug 25 07:56:40 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)

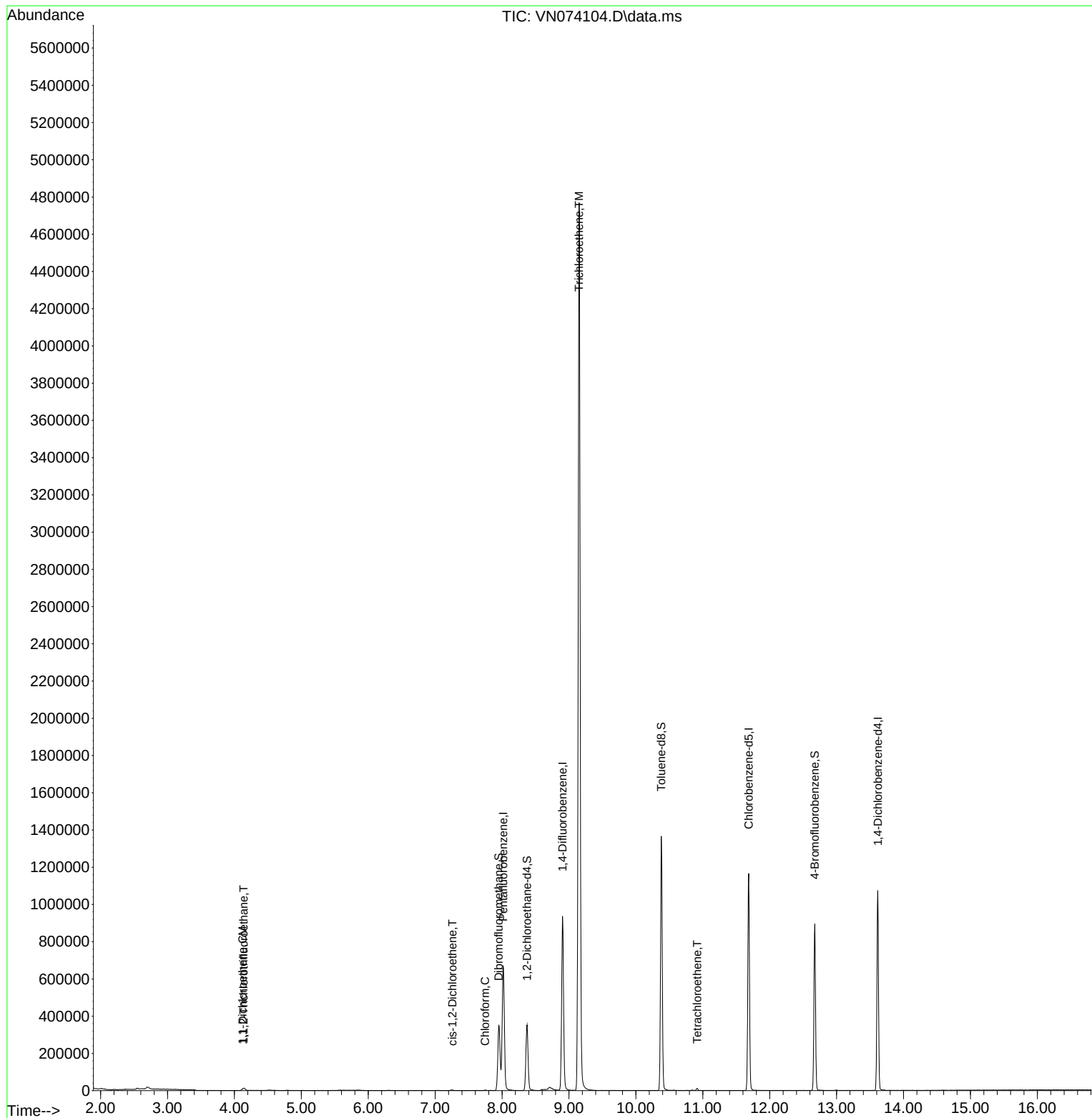
Internal Standards						
1) Pentafluorobenzene	8.016	168	564930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	857167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	722992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	310504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	293770	53.389	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.780%	
35) Dibromofluoromethane	7.951	113	259602	51.212	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.420%	
50) Toluene-d8	10.380	98	960640	48.931	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	12.674	95	297137	45.603	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.200%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.140	101	9190	1.918	ug/l	97
12) 1,1-Dichloroethene	4.122	96	1458	0.327	ug/l #	84
27) cis-1,2-Dichloroethene	7.257	96	2435	0.402	ug/l	80
30) Chloroform	7.745	83	2997	0.308	ug/l	84
44) Trichloroethene	9.151	130	1863870	290.392	ug/l	100
64) Tetrachloroethene	10.916	164	2874	0.504	ug/l	98

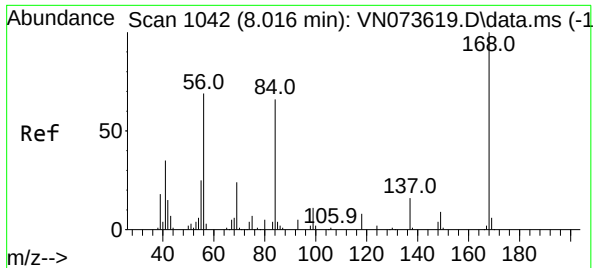
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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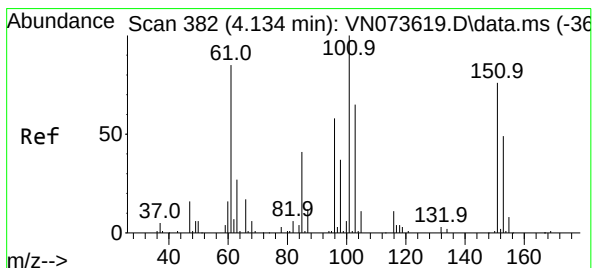
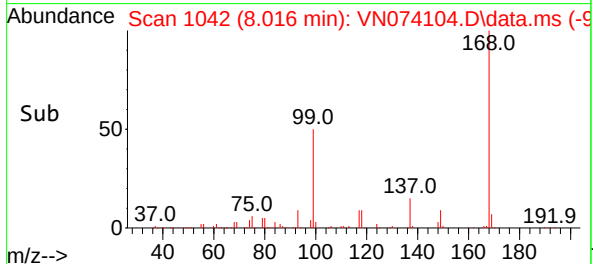
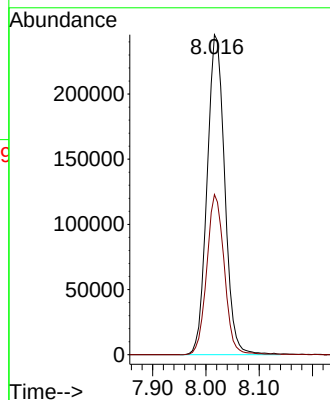
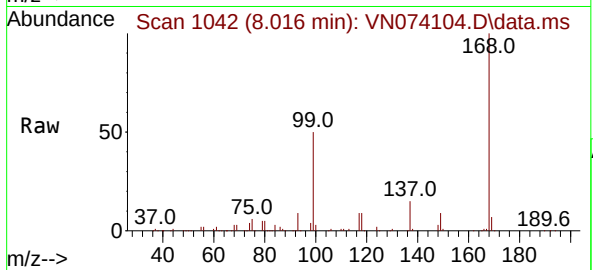




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074104.D
Acq: 24 Aug 2022 20:23

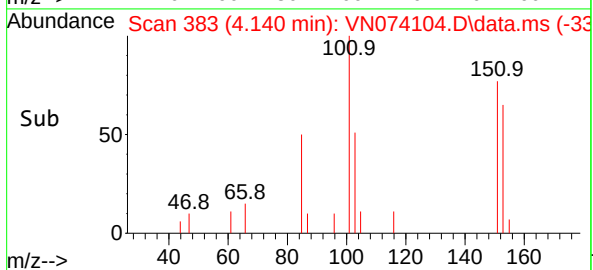
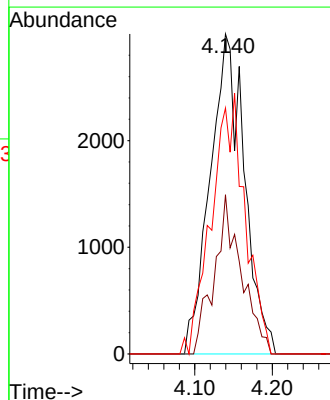
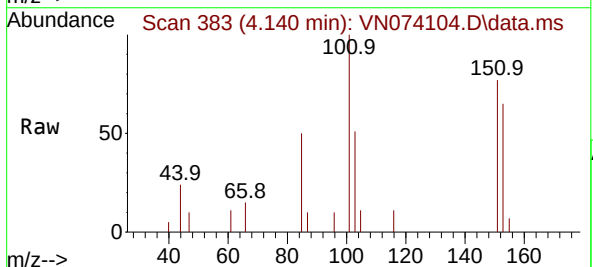
Instrument :
MSVOA_N
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RE103D2-20220818

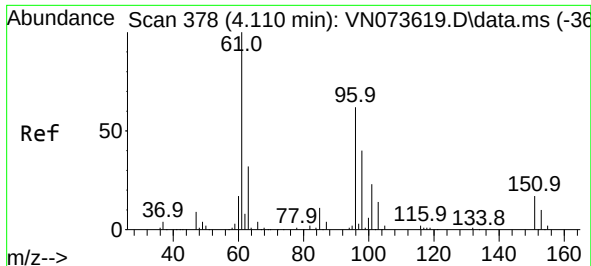
Tgt Ion:168 Resp: 564930
Ion Ratio Lower Upper
168 100
99 50.1 42.3 63.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.918 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN074104.D
Acq: 24 Aug 2022 20:23

Tgt Ion:101 Resp: 9190
Ion Ratio Lower Upper
101 100
85 39.7 34.7 52.1
151 79.9 63.0 94.4

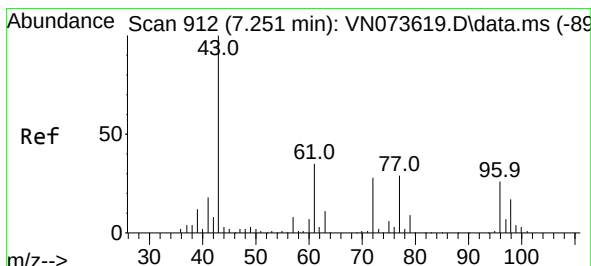
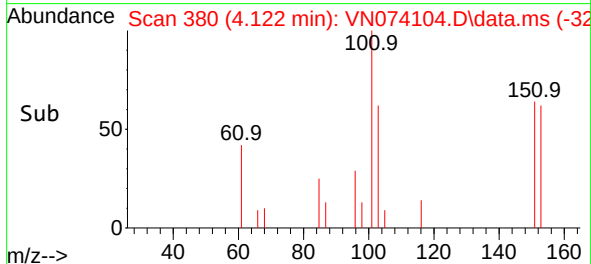
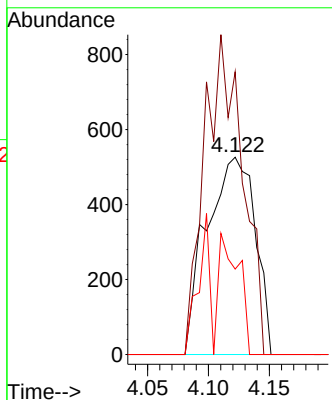
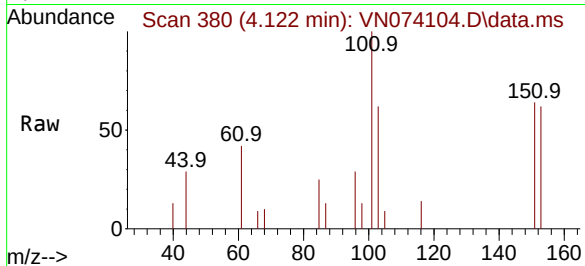




#12
 1,1-Dichloroethene
 Concen: 0.327 ug/l
 RT: 4.122 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: VN074104.D
 Acq: 24 Aug 2022 20:23

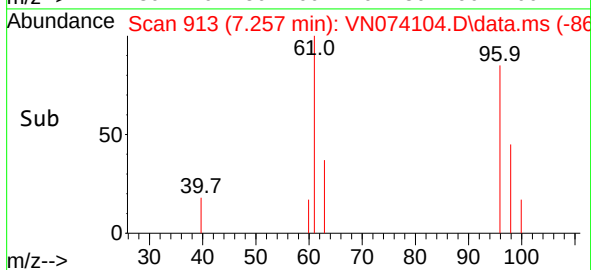
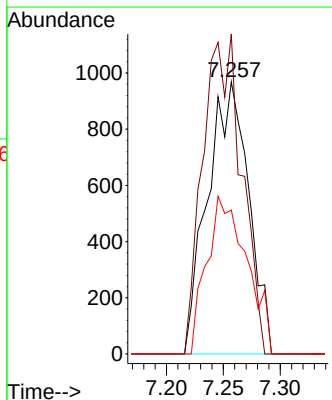
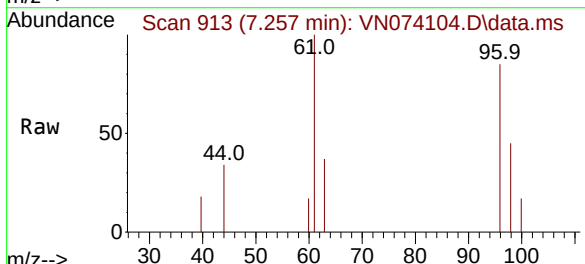
Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D2-20220818

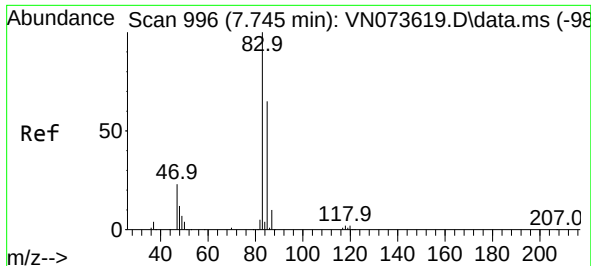
Tgt Ion: 96 Resp: 1458
 Ion Ratio Lower Upper
 96 100
 61 143.3 127.6 191.4
 98 43.3 51.2 76.8#



#27
 cis-1,2-Dichloroethene
 Concen: 0.402 ug/l
 RT: 7.257 min Scan# 913
 Delta R.T. 0.006 min
 Lab File: VN074104.D
 Acq: 24 Aug 2022 20:23

Tgt Ion: 96 Resp: 2435
 Ion Ratio Lower Upper
 96 100
 61 110.7 0.0 280.6
 98 56.6 0.0 128.4

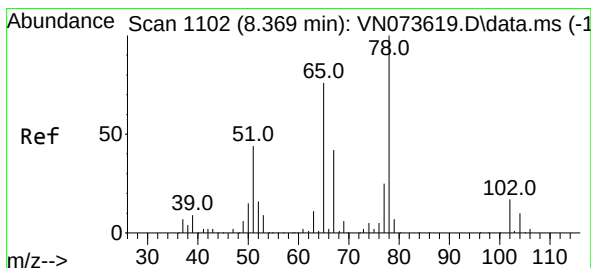
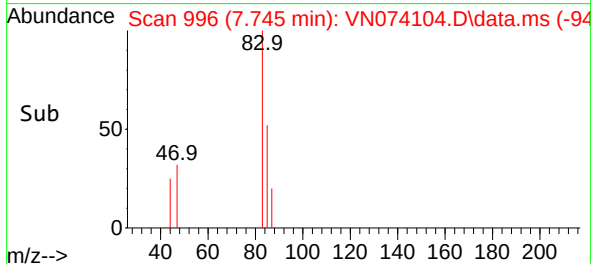
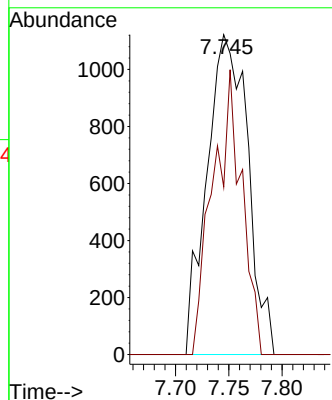
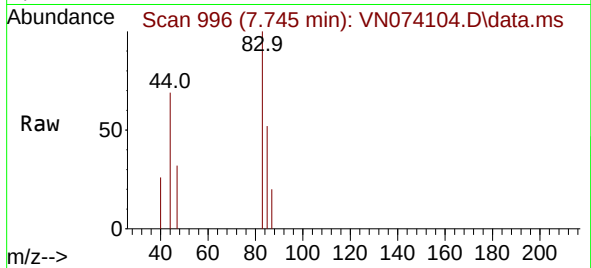




#30
Chloroform
Concen: 0.308 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074104.D
Acq: 24 Aug 2022 20:23

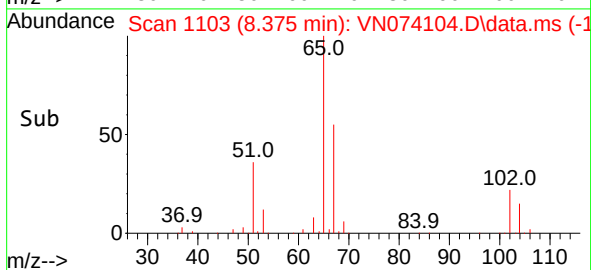
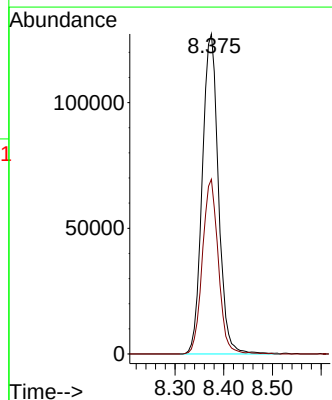
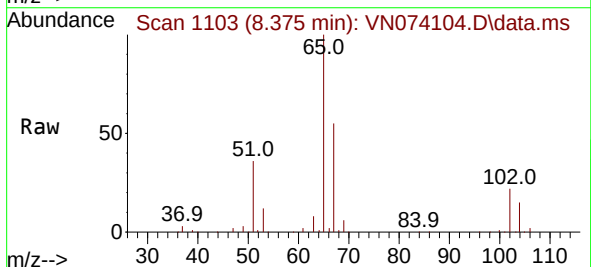
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20220818

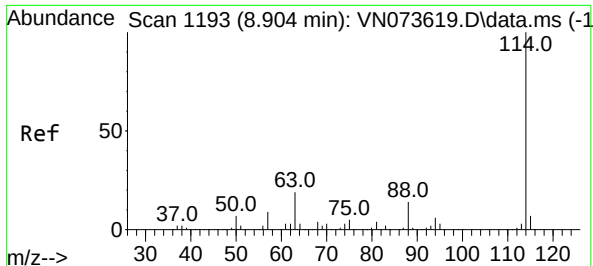
Tgt Ion: 83 Resp: 2997
Ion Ratio Lower Upper
83 100
85 52.4 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 53.389 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074104.D
Acq: 24 Aug 2022 20:23

Tgt Ion: 65 Resp: 293770
Ion Ratio Lower Upper
65 100
67 53.7 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: VN074104.D

Acq: 24 Aug 2022 20:23

Instrument :

MSVOA_N

ClientSampleId :

RE103D2-20220818

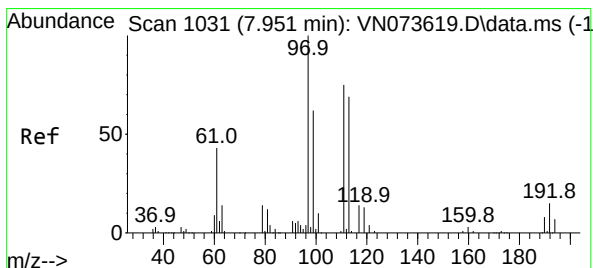
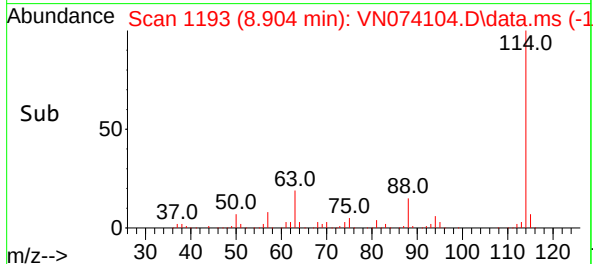
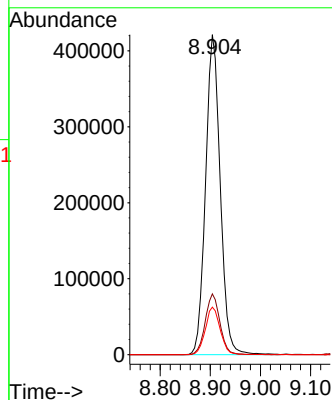
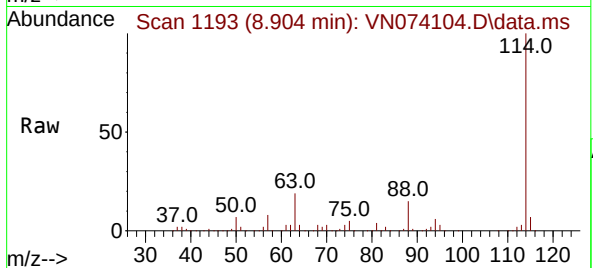
Tgt Ion:114 Resp: 857167

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.212 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074104.D

Acq: 24 Aug 2022 20:23

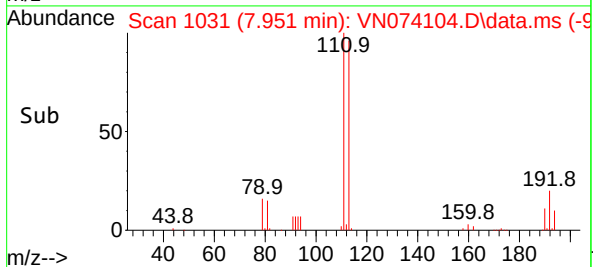
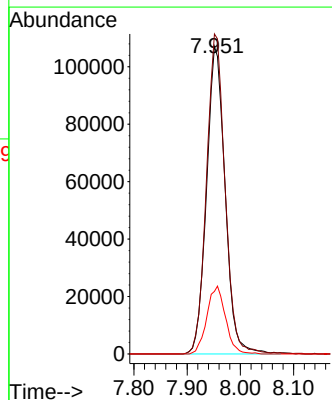
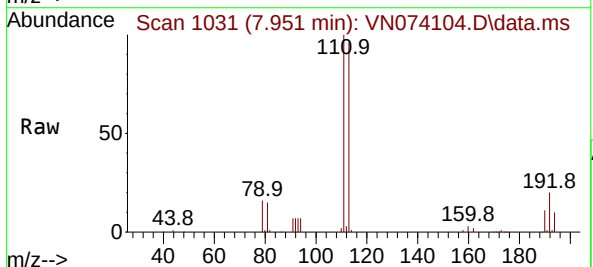
Tgt Ion:113 Resp: 259602

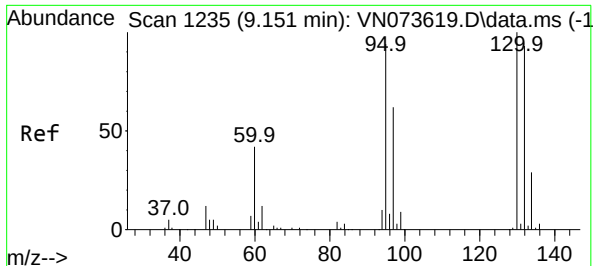
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 22.2 17.0 25.6

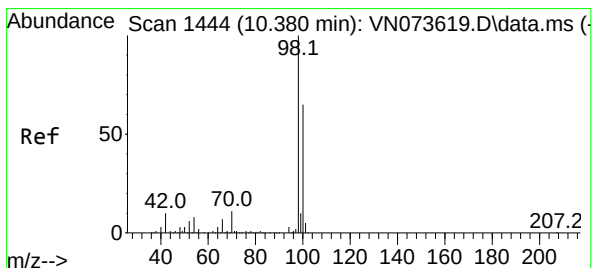
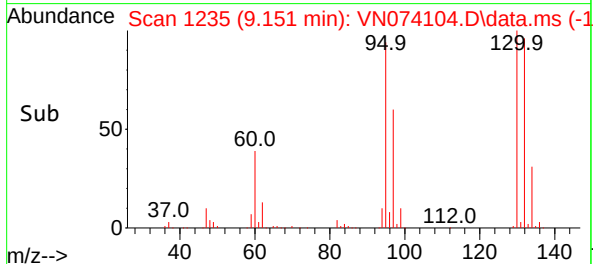
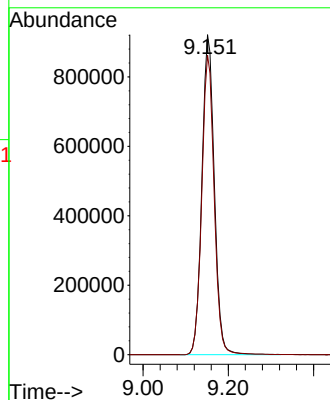
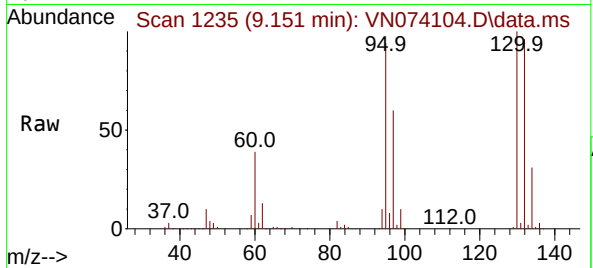




#44
Trichloroethene
Concen: 290.392 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074104.D
Acq: 24 Aug 2022 20:23

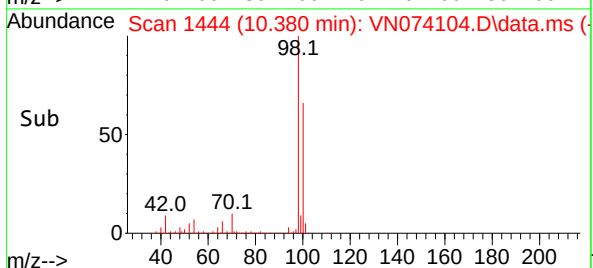
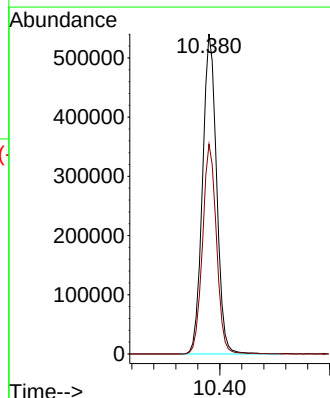
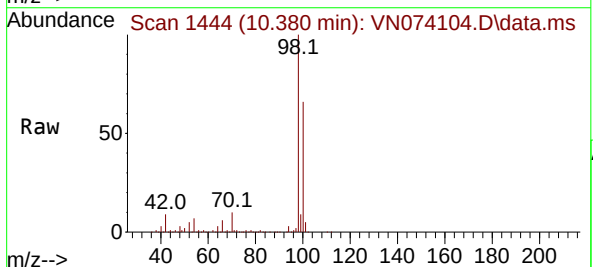
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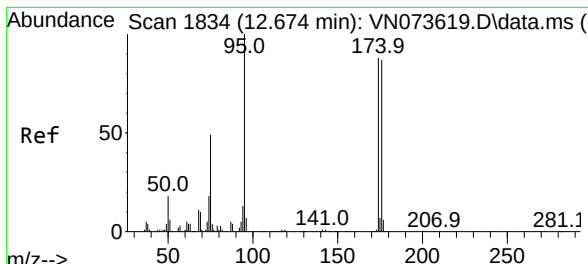
Tgt Ion:130 Resp: 1863870
Ion Ratio Lower Upper
130 100
95 93.7 0.0 186.8



#50
Toluene-d8
Concen: 48.931 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074104.D
Acq: 24 Aug 2022 20:23

Tgt Ion: 98 Resp: 960640
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

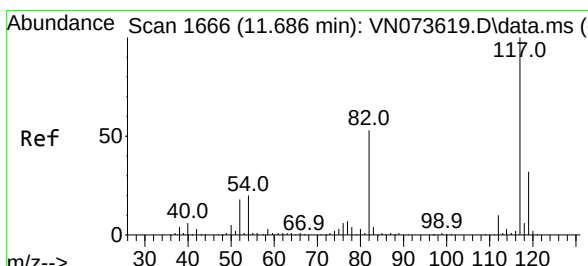
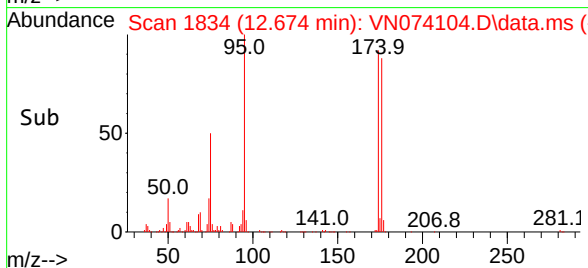
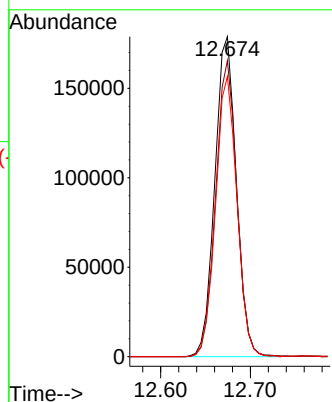
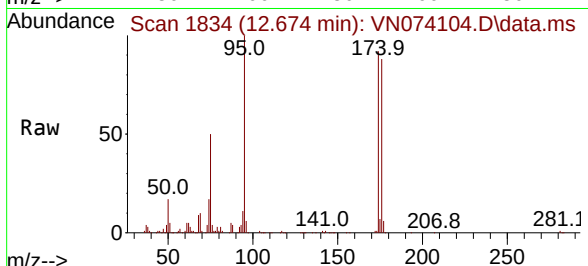




#62
4-Bromofluorobenzene
Concen: 45.603 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074104.D
Acq: 24 Aug 2022 20:23

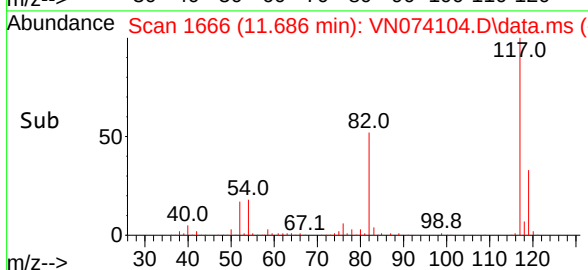
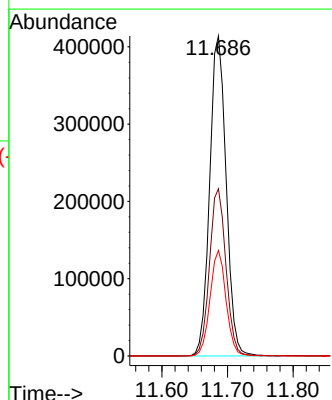
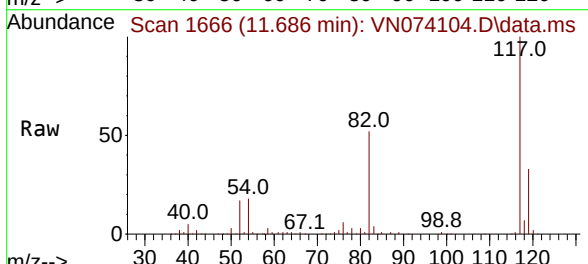
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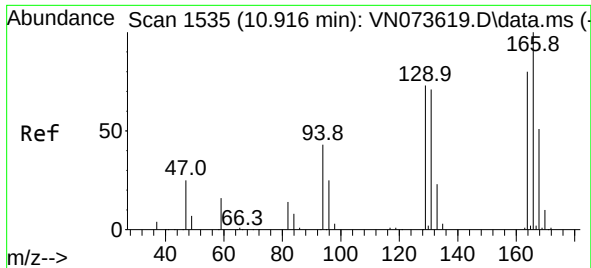
Tgt Ion:	95	Resp:	297137
Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	167.6
176	87.2	0.0	163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074104.D
Acq: 24 Aug 2022 20:23

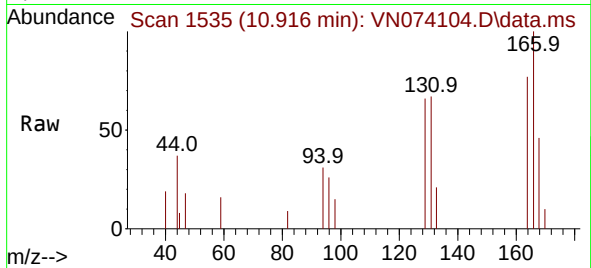
Tgt Ion:	117	Resp:	722992
Ion	Ratio	Lower	Upper
117	100		
82	52.2	44.2	66.2
119	33.0	25.4	38.0



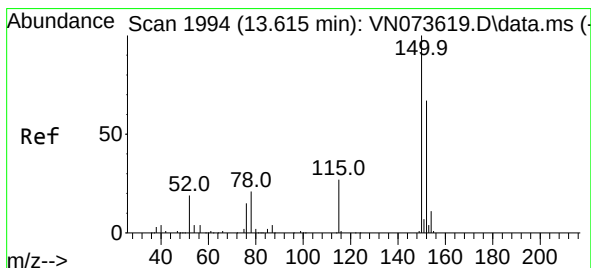
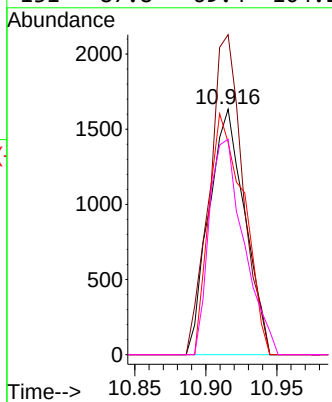
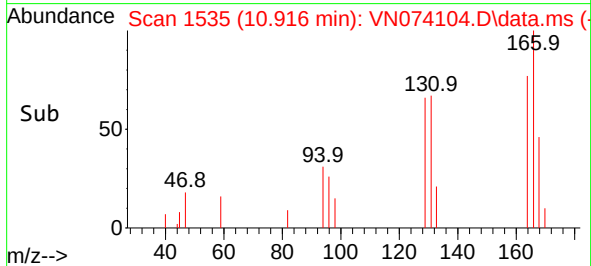


#64
Tetrachloroethene
Concen: 0.504 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074104.D
Acq: 24 Aug 2022 20:23

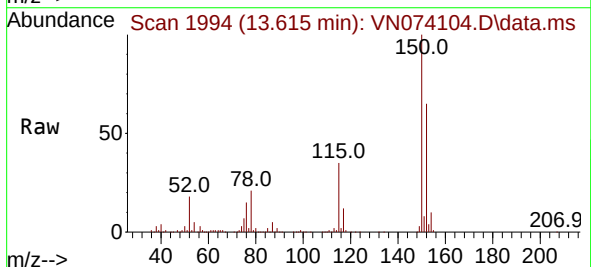
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ClientSampleId :
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Tgt Ion:164 Resp: 2874
Ion Ratio Lower Upper
164 100
166 130.4 104.2 156.2
129 86.5 73.9 110.9
131 87.8 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074104.D
Acq: 24 Aug 2022 20:23



Tgt Ion:152 Resp: 310504
Ion Ratio Lower Upper
152 100
115 54.8 28.9 86.7
150 156.6 0.0 356.2

