

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076973.D
 Acq On : 13 Mar 2023 19:46
 Operator : JC\MD
 Sample : 01880-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20230310

Quant Time: Mar 14 07:07:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

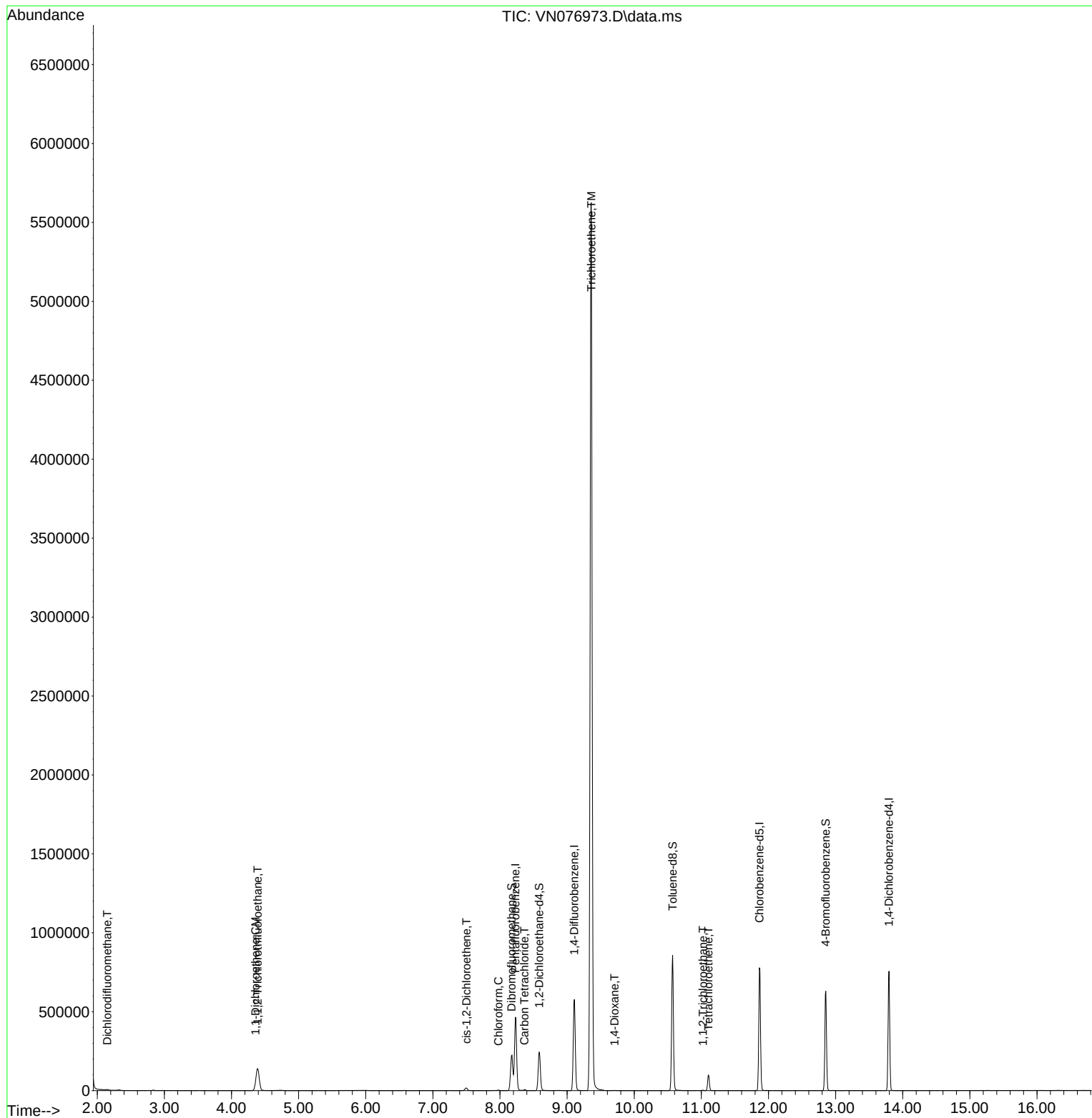
Internal Standards						
1) Pentafluorobenzene	8.231	168	316733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	490725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	443966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	195804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230849	48.841	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.680%		
35) Dibromofluoromethane	8.172	113	156741	47.925	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.860%		
50) Toluene-d8	10.572	98	587158	48.713	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.420%		
62) 4-Bromofluorobenzene	12.854	95	216500	49.107	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.220%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.149	85	1735	0.304	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.390	101	92980	24.476	ug/l	95
12) 1,1-Dichloroethene	4.360	96	6819	1.948	ug/l #	74
27) cis-1,2-Dichloroethene	7.501	96	10400	2.428	ug/l	96
30) Chloroform	7.978	83	3759	0.493	ug/l #	83
38) Carbon Tetrachloride	8.366	117	4967	0.839	ug/l #	82
44) Trichloroethene	9.360	130	1978005	513.337	ug/l	100
49) 1,4-Dioxane	9.707	88	1406	21.223	ug/l #	96
55) 1,1,2-Trichloroethane	11.024	97	1343	0.376	ug/l #	67
64) Tetrachloroethene	11.107	164	22097	6.150	ug/l	93

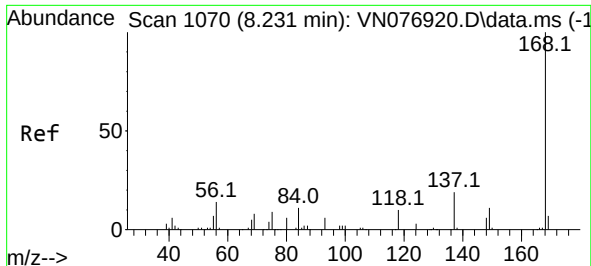
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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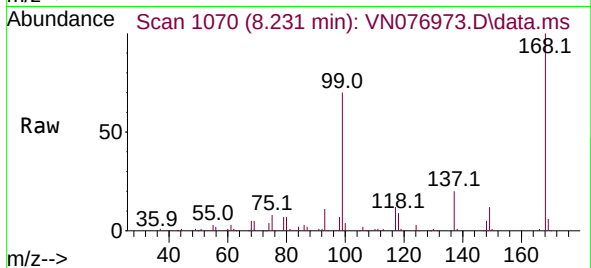
Quant Time: Mar 14 07:07:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
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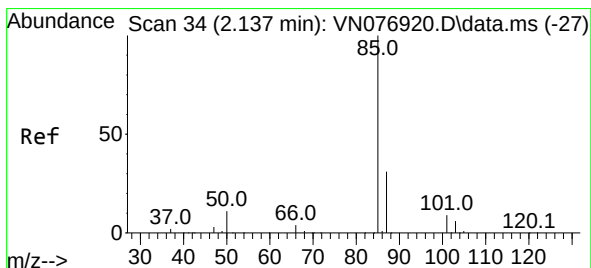
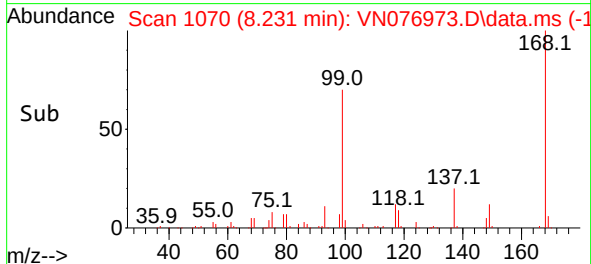
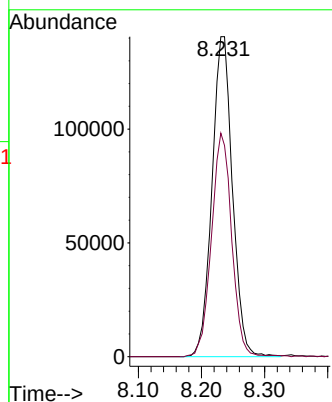


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076973.D
Acq: 13 Mar 2023 19:46

Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20230310

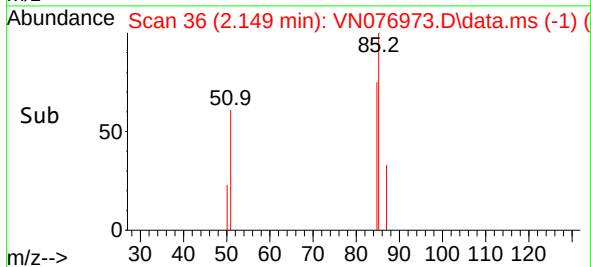
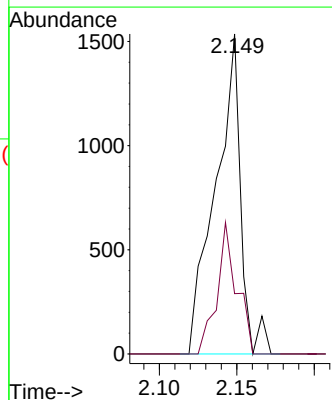
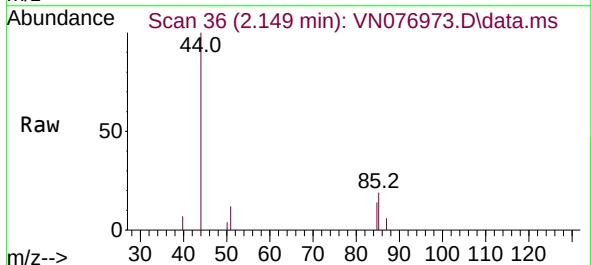


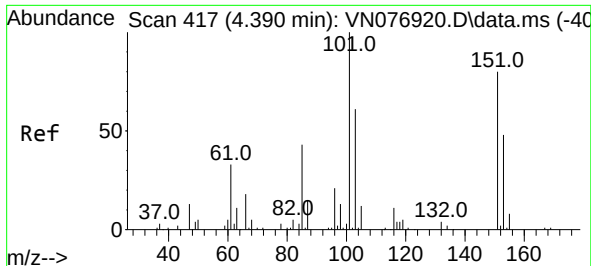
Tgt Ion:168 Resp: 316733
Ion Ratio Lower Upper
168 100
99 69.9 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 0.304 ug/l
RT: 2.149 min Scan# 36
Delta R.T. 0.012 min
Lab File: VN076973.D
Acq: 13 Mar 2023 19:46

Tgt Ion: 85 Resp: 1735
Ion Ratio Lower Upper
85 100
87 18.9 16.2 48.6

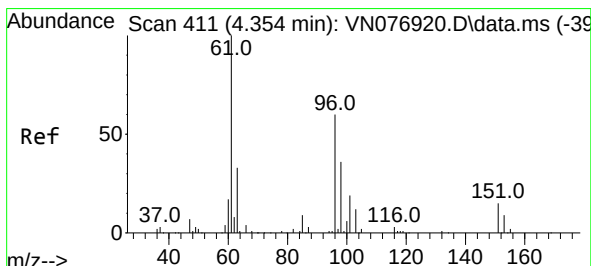
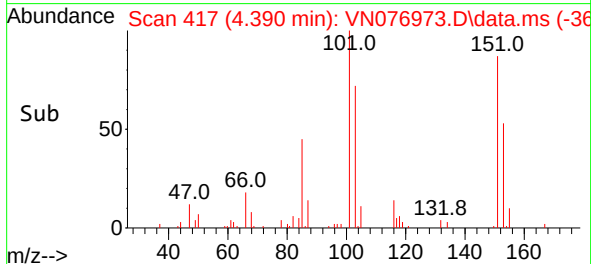
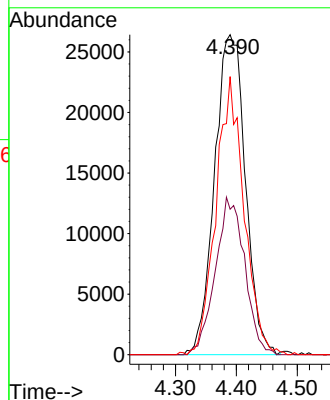
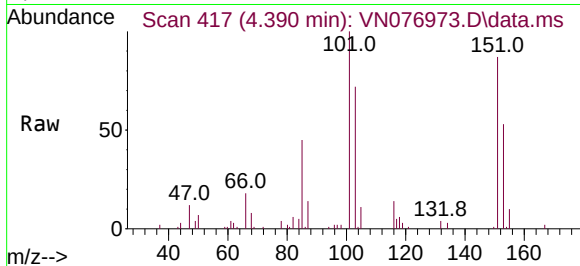




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 24.476 ug/l
 RT: 4.390 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VN076973.D
 Acq: 13 Mar 2023 19:46

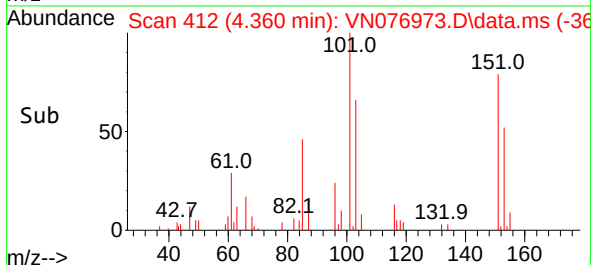
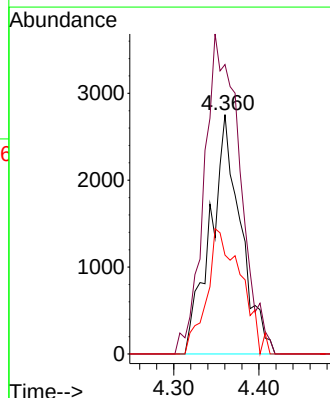
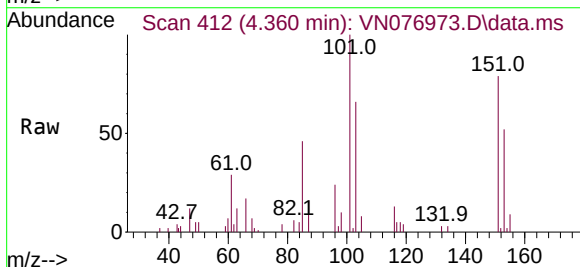
Instrument :
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 ClientSampleId :
 RE120D2-20230310

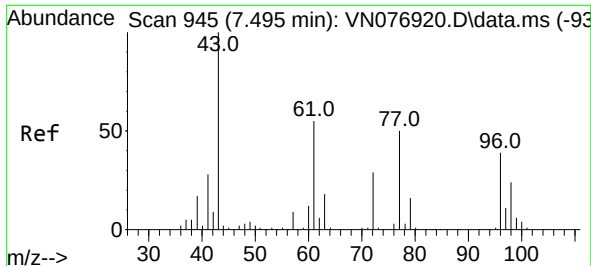
Tgt Ion:101 Resp: 92980
 Ion Ratio Lower Upper
 101 100
 85 46.7 35.2 52.8
 151 78.8 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 1.948 ug/l
 RT: 4.360 min Scan# 412
 Delta R.T. 0.006 min
 Lab File: VN076973.D
 Acq: 13 Mar 2023 19:46

Tgt Ion: 96 Resp: 6819
 Ion Ratio Lower Upper
 96 100
 61 120.9 121.3 181.9#
 98 41.3 52.1 78.1#

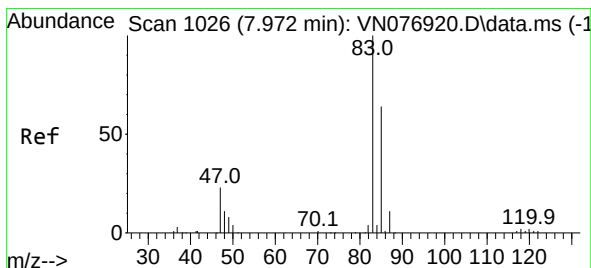
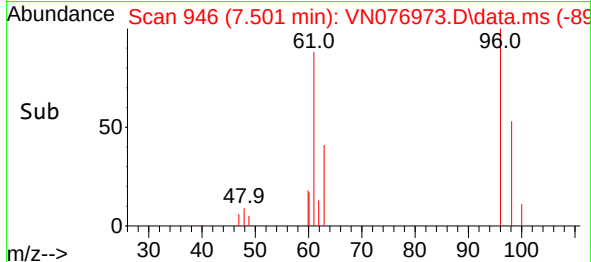
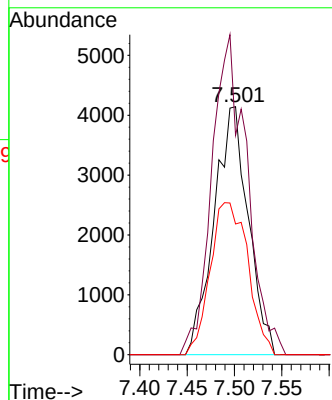
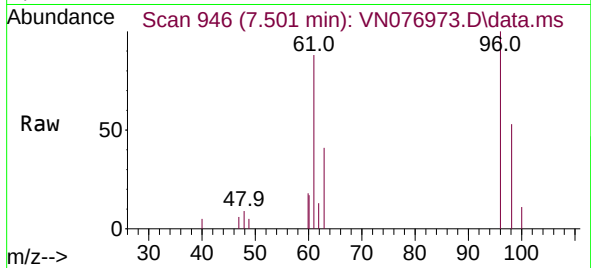




#27
cis-1,2-Dichloroethene
Concen: 2.428 ug/l
RT: 7.501 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076973.D
Acq: 13 Mar 2023 19:46

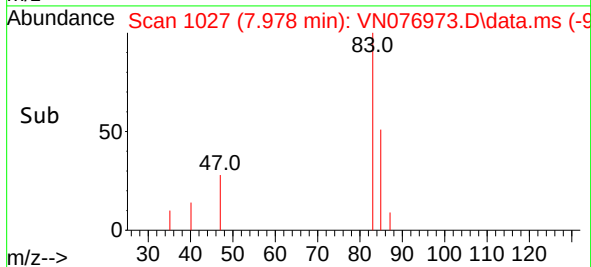
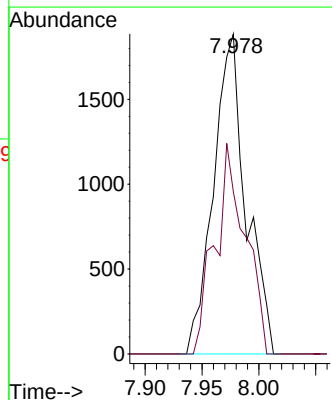
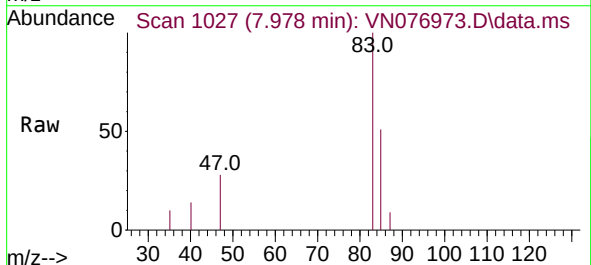
Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20230310

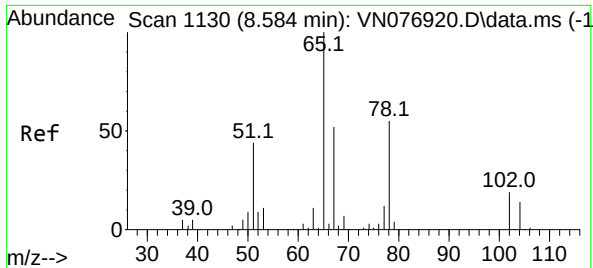
Tgt Ion: 96 Resp: 10400
Ion Ratio Lower Upper
96 100
61 132.3 0.0 255.6
98 67.5 0.0 127.4



#30
Chloroform
Concen: 0.493 ug/l
RT: 7.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: VN076973.D
Acq: 13 Mar 2023 19:46

Tgt Ion: 83 Resp: 3759
Ion Ratio Lower Upper
83 100
85 50.7 51.3 76.9#

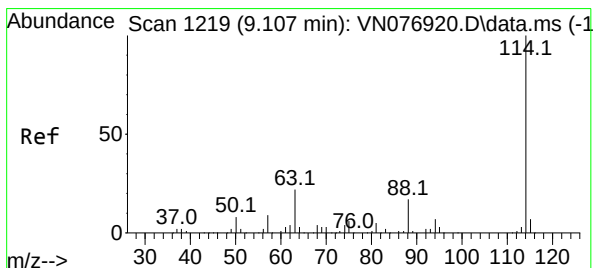
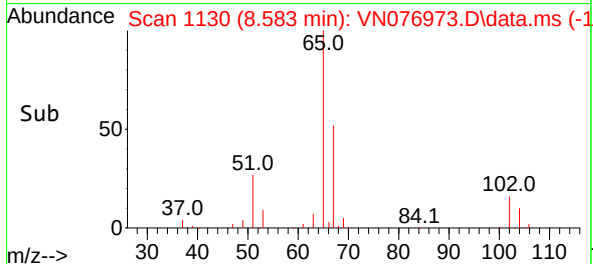
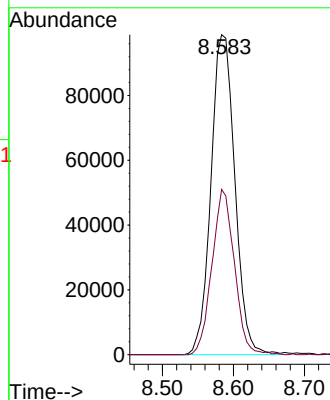
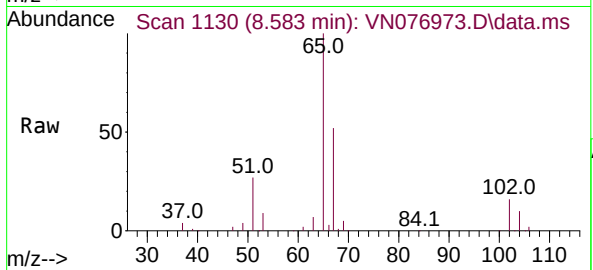




#33
 1,2-Dichloroethane-d4
 Concen: 48.841 ug/l
 RT: 8.583 min Scan# 1130
 Delta R.T. -0.001 min
 Lab File: VN076973.D
 Acq: 13 Mar 2023 19:46

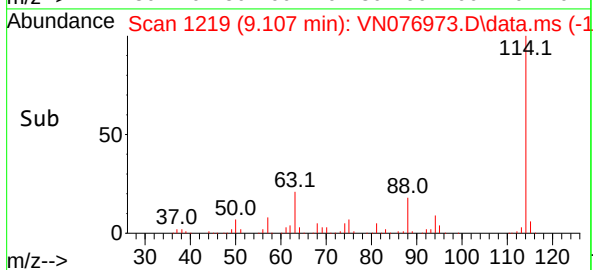
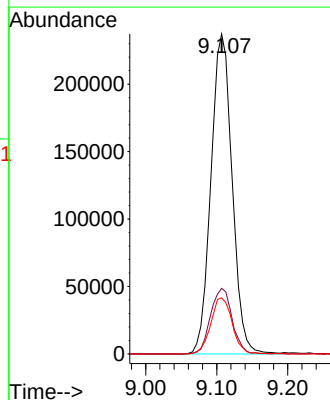
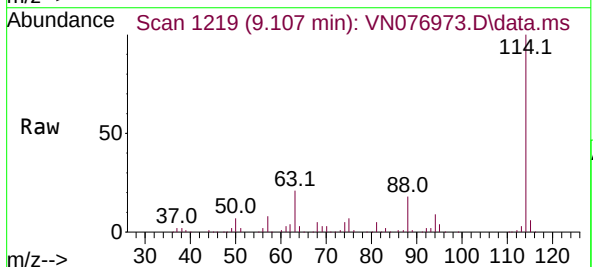
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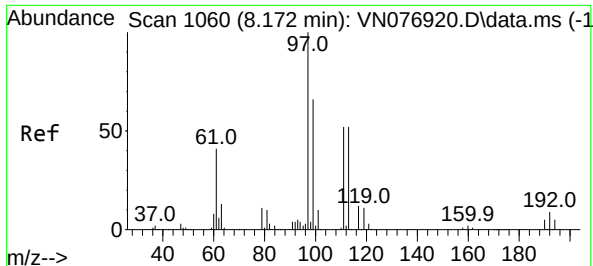
Tgt Ion: 65 Resp: 230849
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VN076973.D
 Acq: 13 Mar 2023 19:46

Tgt Ion: 114 Resp: 490725
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 36.6
 88 17.6 0.0 28.6





#35

Dibromofluoromethane

Concen: 47.925 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076973.D

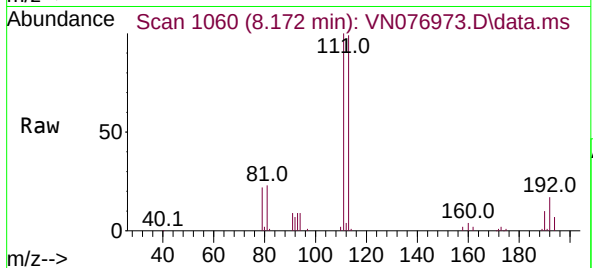
Acq: 13 Mar 2023 19:46

Instrument :

MSVOA_N

ClientSampleId :

RE120D2-20230310



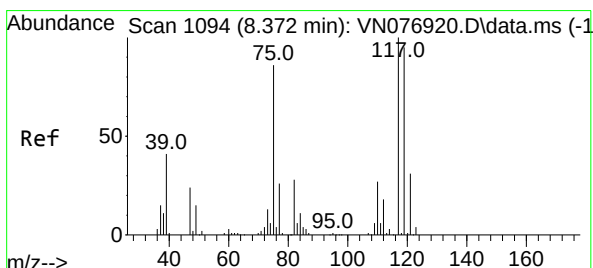
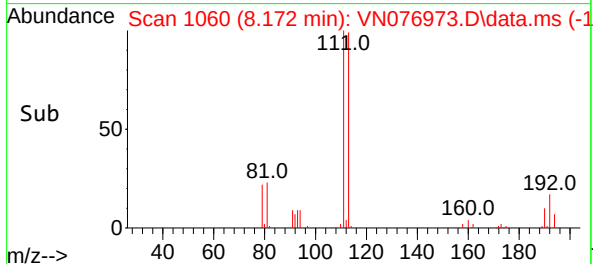
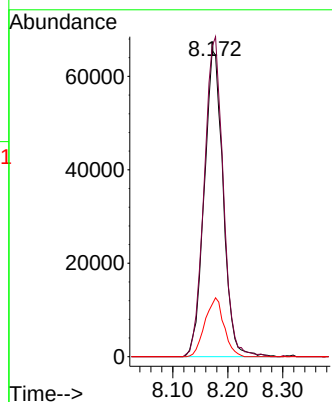
Tgt Ion:113 Resp: 156741

Ion Ratio Lower Upper

113 100

111 104.9 81.8 122.8

192 19.3 13.9 20.9



#38

Carbon Tetrachloride

Concen: 0.839 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. -0.006 min

Lab File: VN076973.D

Acq: 13 Mar 2023 19:46

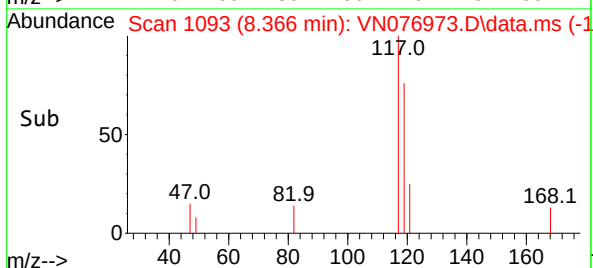
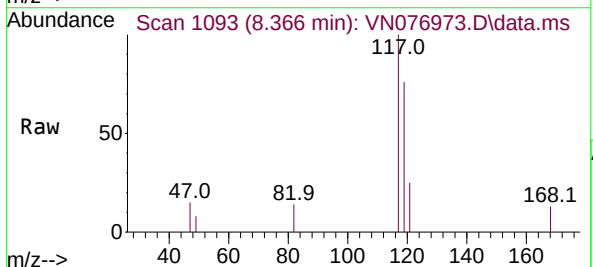
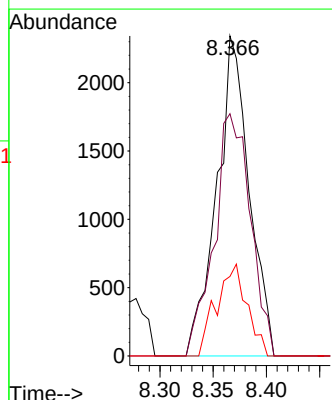
Tgt Ion:117 Resp: 4967

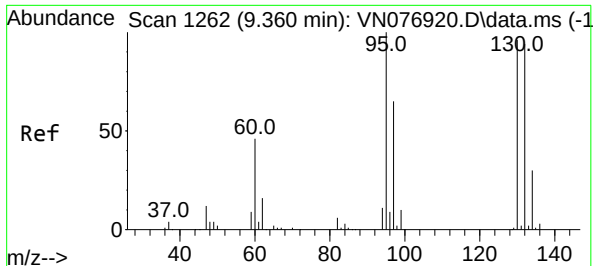
Ion Ratio Lower Upper

117 100

119 75.7 76.9 115.3#

121 24.9 23.2 34.8

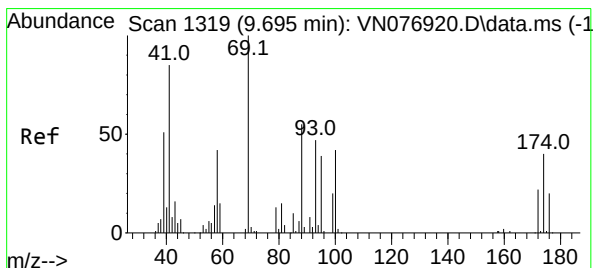
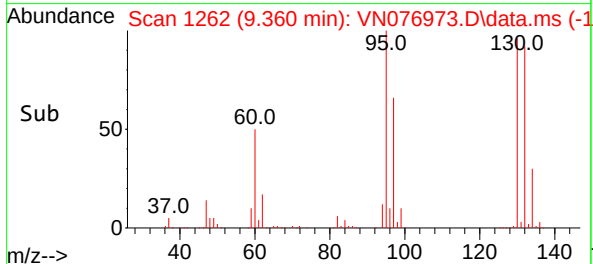
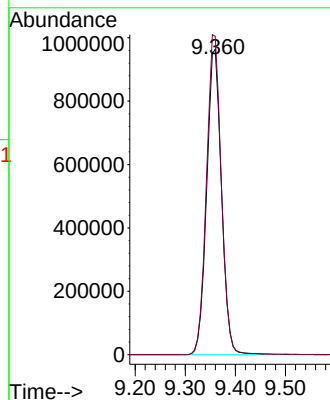
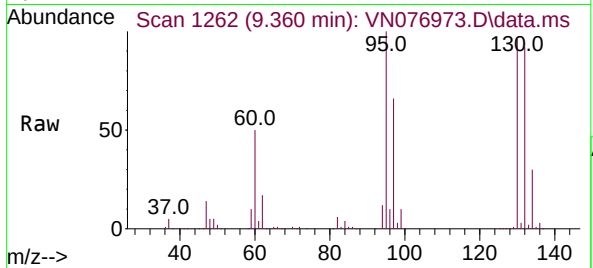




#44
Trichloroethene
Concen: 513.337 ug/l
RT: 9.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076973.D
Acq: 13 Mar 2023 19:46

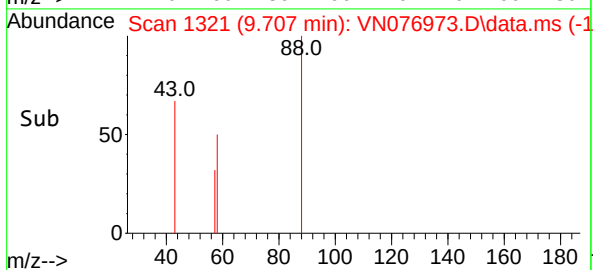
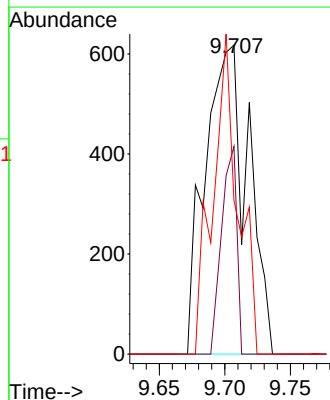
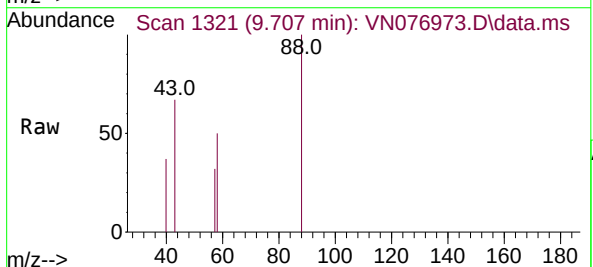
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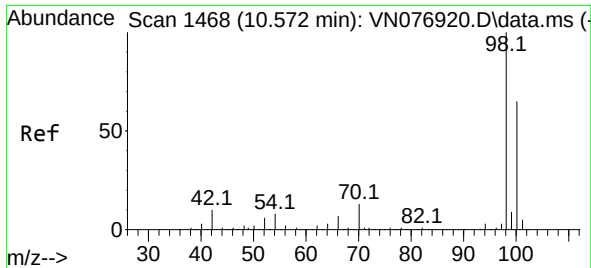
Tgt Ion:130 Resp: 1978005
Ion Ratio Lower Upper
130 100
95 104.3 0.0 208.6



#49
1,4-Dioxane
Concen: 21.223 ug/l
RT: 9.707 min Scan# 1321
Delta R.T. 0.012 min
Lab File: VN076973.D
Acq: 13 Mar 2023 19:46

Tgt Ion: 88 Resp: 1406
Ion Ratio Lower Upper
88 100
43 23.7 15.3 22.9#
58 60.8 47.6 71.4

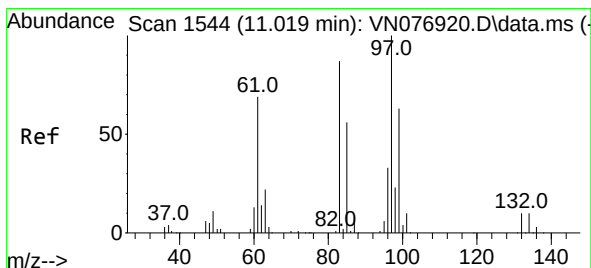
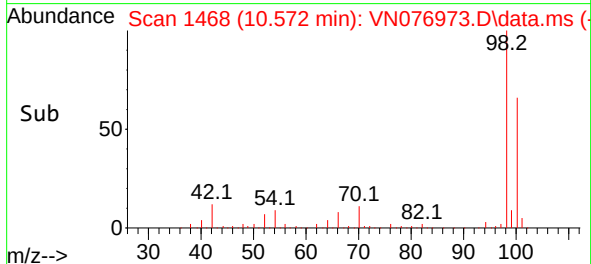
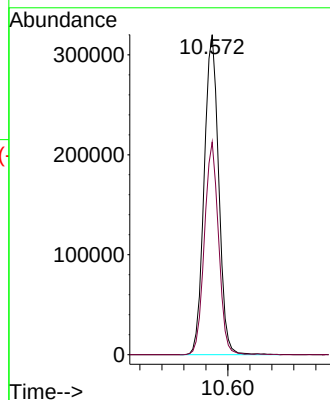
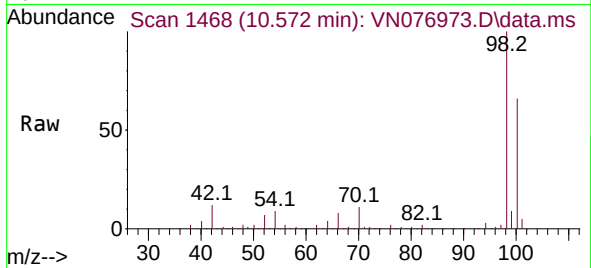




#50
Toluene-d8
Concen: 48.713 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076973.D
Acq: 13 Mar 2023 19:46

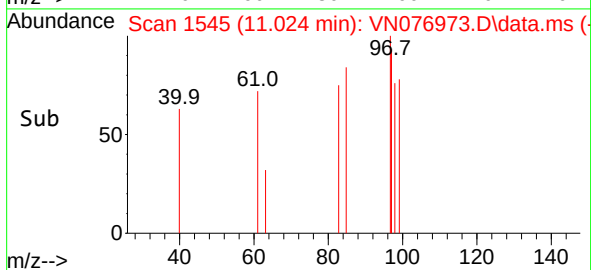
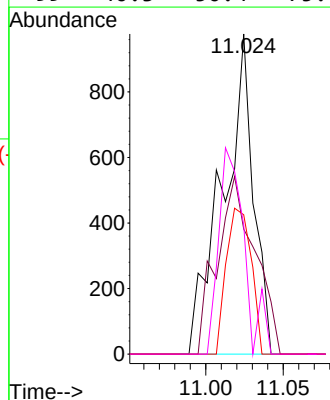
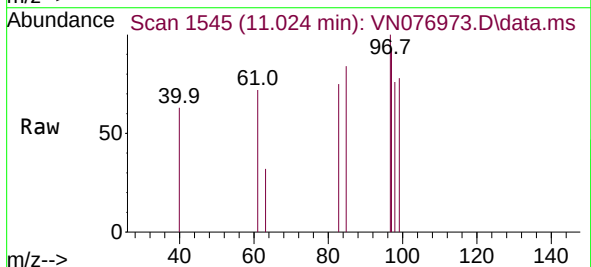
Instrument :
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RE120D2-20230310

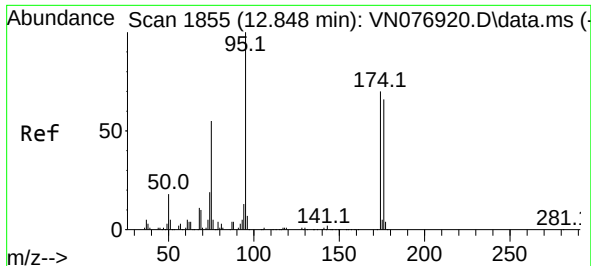
Tgt Ion: 98 Resp: 587158
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2



#55
1,1,2-Trichloroethane
Concen: 0.376 ug/l
RT: 11.024 min Scan# 1545
Delta R.T. 0.005 min
Lab File: VN076973.D
Acq: 13 Mar 2023 19:46

Tgt Ion: 97 Resp: 1343
Ion Ratio Lower Upper
97 100
83 39.0 67.1 100.7#
85 43.5 41.8 62.8
99 40.3 50.4 75.6#

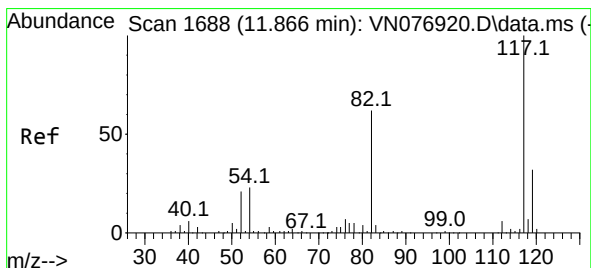
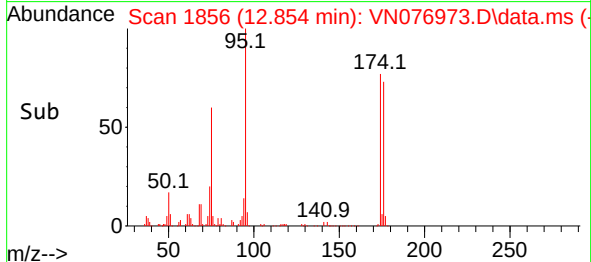
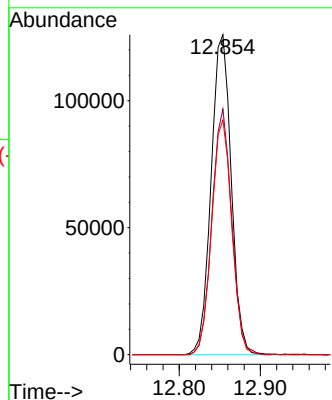
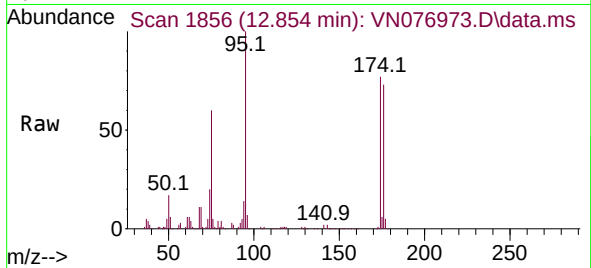




#62
4-Bromofluorobenzene
Concen: 49.107 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076973.D
Acq: 13 Mar 2023 19:46

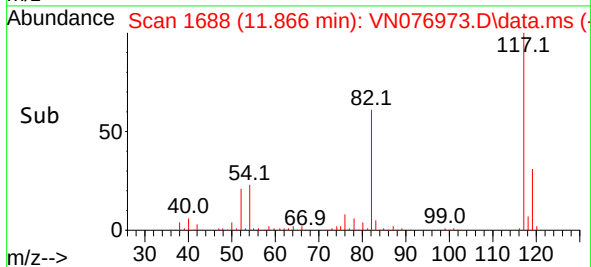
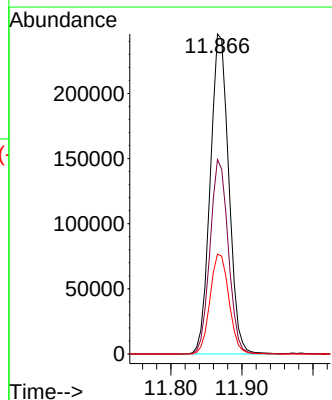
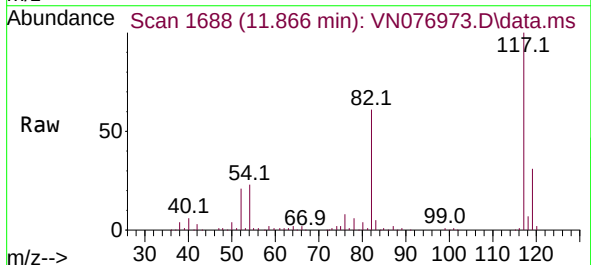
Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20230310

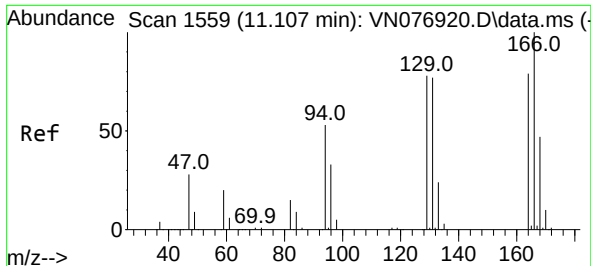
Tgt Ion: 95 Resp: 216500
Ion Ratio Lower Upper
95 100
174 75.6 0.0 162.4
176 73.3 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076973.D
Acq: 13 Mar 2023 19:46

Tgt Ion: 117 Resp: 443966
Ion Ratio Lower Upper
117 100
82 60.7 43.5 65.3
119 31.2 25.5 38.3

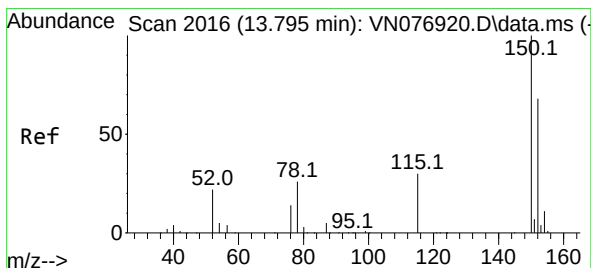
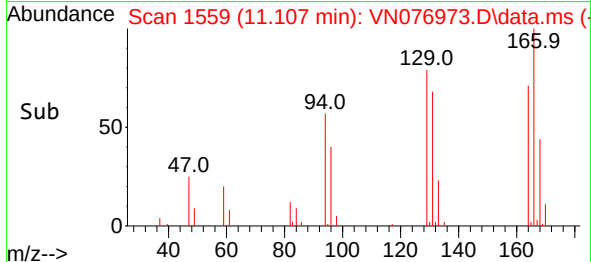
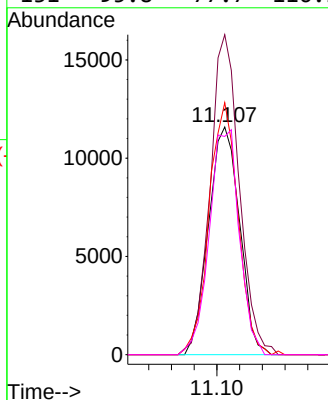
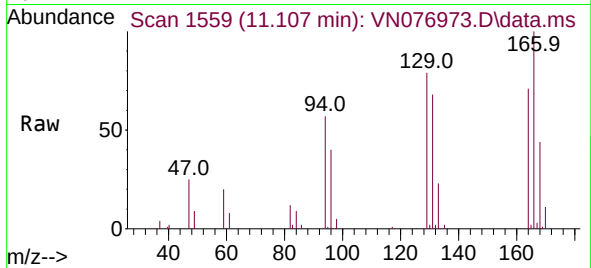




#64
Tetrachloroethene
Concen: 6.150 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076973.D
Acq: 13 Mar 2023 19:46

Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20230310

Tgt Ion:164 Resp: 22097
Ion Ratio Lower Upper
164 100
166 140.6 102.7 154.1
129 110.7 81.5 122.3
131 95.8 77.7 116.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076973.D
Acq: 13 Mar 2023 19:46

Tgt Ion:152 Resp: 195804
Ion Ratio Lower Upper
152 100
115 67.7 30.3 90.9
150 155.4 0.0 353.6

