

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073586.D
 Acq On : 25 Jul 2022 18:01
 Operator : JC\MD
 Sample : N3876-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-07212022

Quant Time: Jul 26 02:18:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

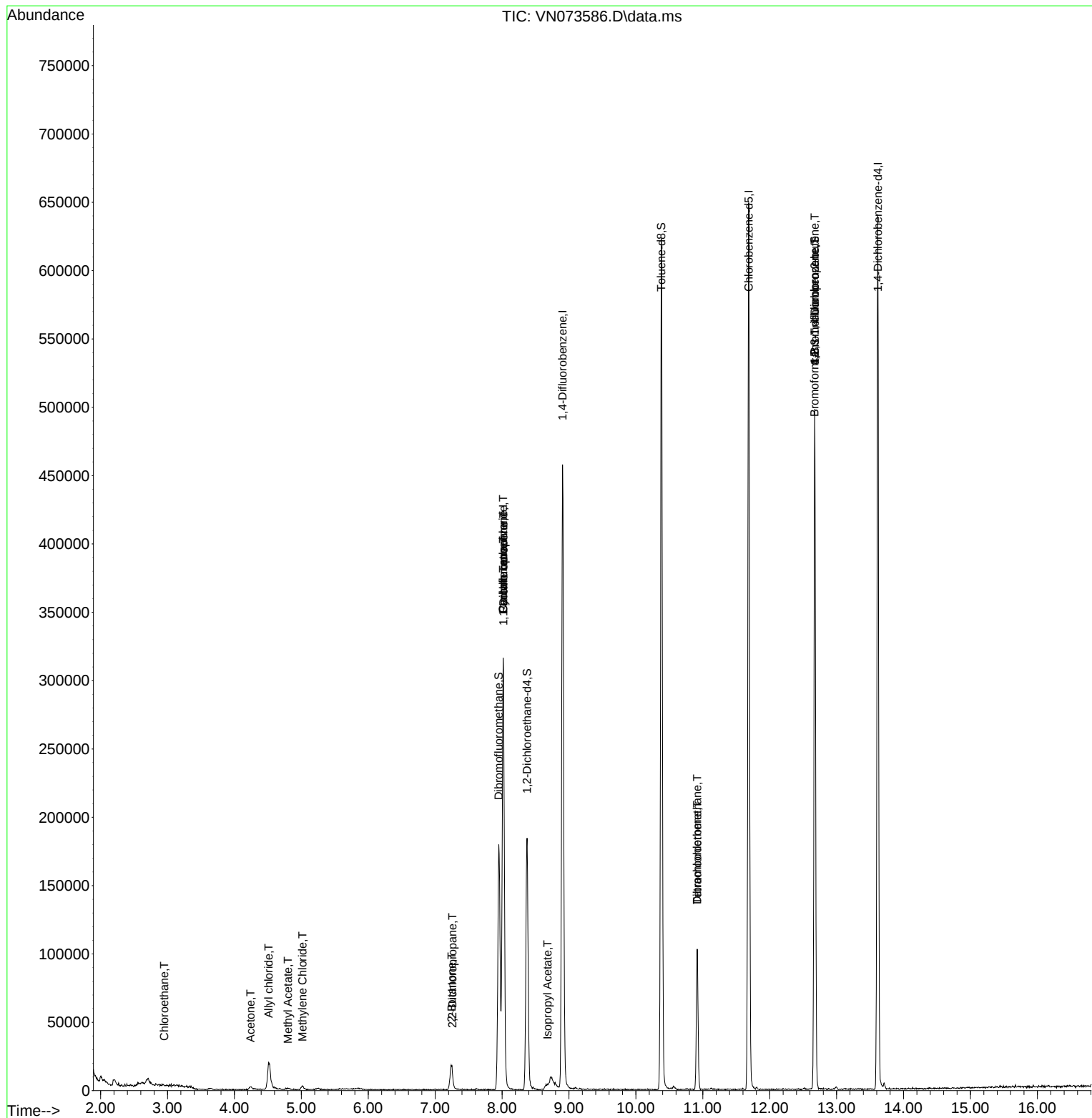
Internal Standards						
1) Pentafluorobenzene	8.016	168	236250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	392044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	364267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	167385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	151749	44.494	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.980%		
35) Dibromofluoromethane	7.951	113	131159	50.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.560%		
50) Toluene-d8	10.380	98	418239	45.147	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.300%		
62) 4-Bromofluorobenzene	12.674	95	163003	45.786	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.580%		
Target Compounds					Qvalue	
6) Chloroethane	2.951	64	593	0.354	ug/l #	42
14) Allyl chloride	4.510	41	3872	0.661	ug/l #	64
16) Acetone	4.240	43	4346	2.270	ug/l	97
18) Methyl Acetate	4.798	43	1914	0.357	ug/l #	54
20) Methylene Chloride	5.016	84	1698	0.505	ug/l #	68
25) 2-Butanone	7.245	43	1068	0.350	ug/l #	45
26) 2,2-Dichloropropane	7.257	77	1331	0.254	ug/l #	53
31) Cyclohexane	8.016	56	5715	1.023	ug/l #	39
36) 1,1-Dichloropropene	8.022	75	18803	4.685	ug/l #	48
38) Carbon Tetrachloride	8.016	117	25085	6.044	ug/l #	15
43) Isopropyl Acetate	8.680	43	4532	0.520	ug/l #	53
60) Dibromochloromethane	10.916	129	20981	6.983	ug/l #	11
64) Tetrachloroethene	10.916	164	23450	7.884	ug/l	94
71) Bromoform	12.668	173	1361	0.614	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	88373	20.191	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	88373	55.374	ug/l #	10

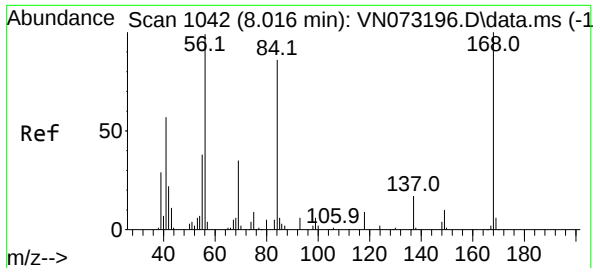
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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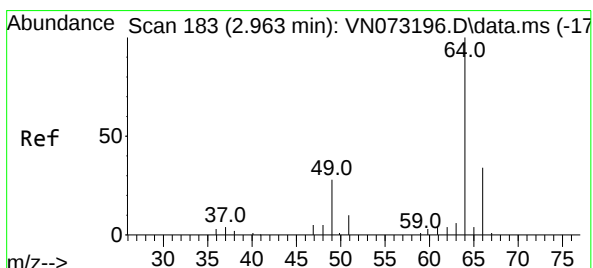
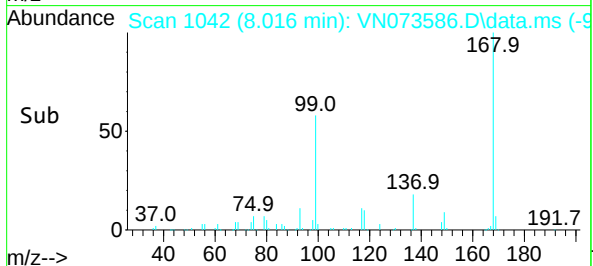
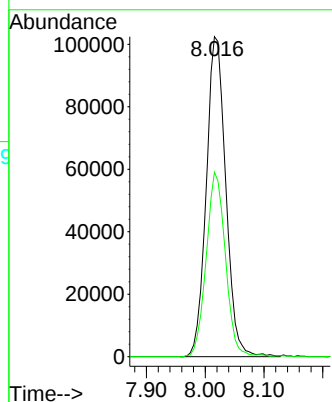
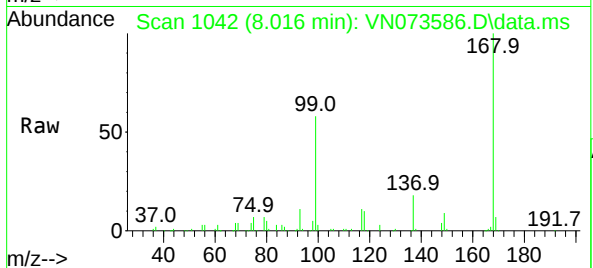




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073586.D
Acq: 25 Jul 2022 18:01

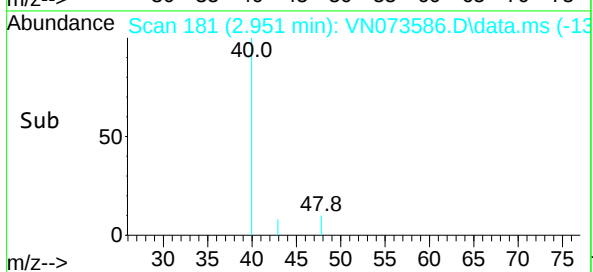
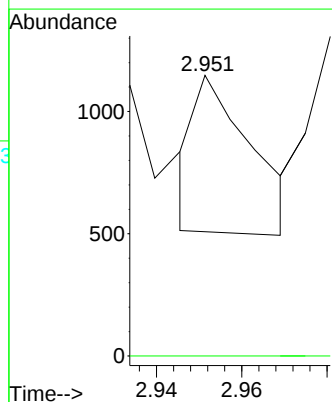
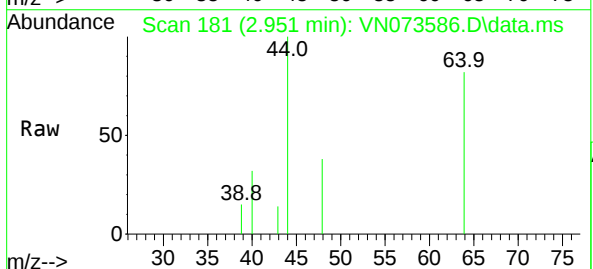
Instrument :
MSVOA_N
ClientSampleId :
TB-07212022

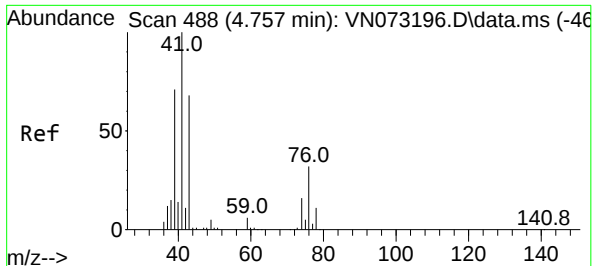
Tgt Ion:168 Resp: 236250
Ion Ratio Lower Upper
168 100
99 57.7 42.3 63.5



#6
Chloroethane
Concen: 0.354 ug/l
RT: 2.951 min Scan# 181
Delta R.T. -0.012 min
Lab File: VN073586.D
Acq: 25 Jul 2022 18:01

Tgt Ion: 64 Resp: 593
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#14

Allyl chloride

Concen: 0.661 ug/l

RT: 4.510 min Scan# 446

Delta R.T. -0.247 min

Lab File: VN073586.D

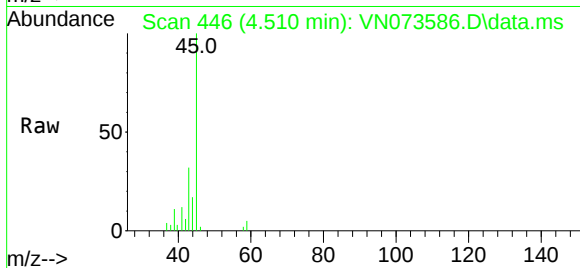
Acq: 25 Jul 2022 18:01

Instrument :

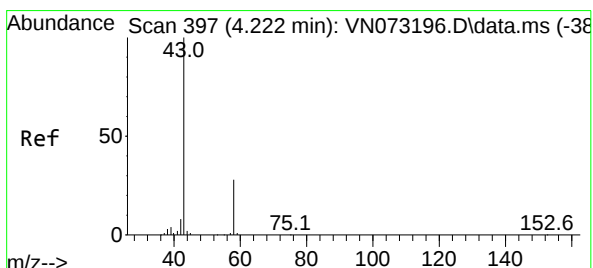
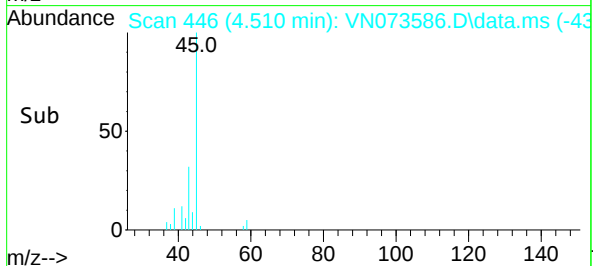
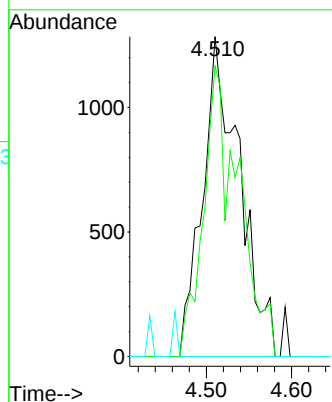
MSVOA_N

ClientSampleId :

TB-07212022



Tgt Ion: 41	Resp: 3872
Ion Ratio	Lower Upper
41	100
39	49.3 53.2 79.8#
76	0.0 29.9 44.9#



#16

Acetone

Concen: 2.270 ug/l

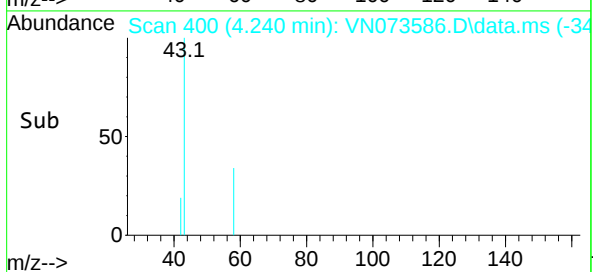
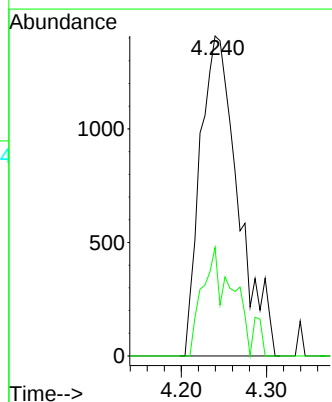
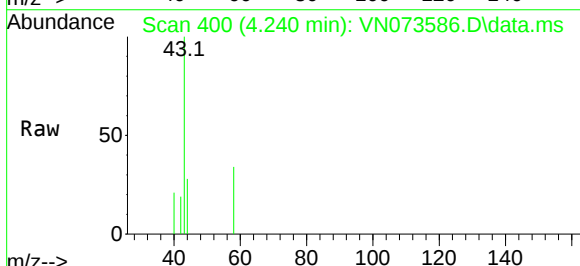
RT: 4.240 min Scan# 400

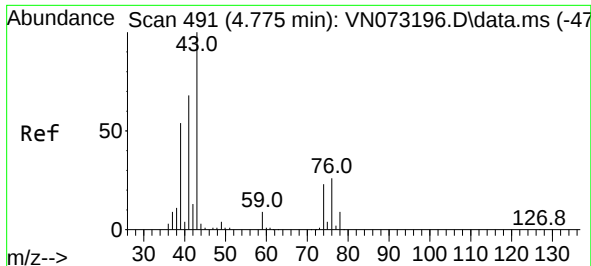
Delta R.T. 0.018 min

Lab File: VN073586.D

Acq: 25 Jul 2022 18:01

Tgt Ion: 43	Resp: 4346
Ion Ratio	Lower Upper
43	100
58	33.9 26.0 39.0

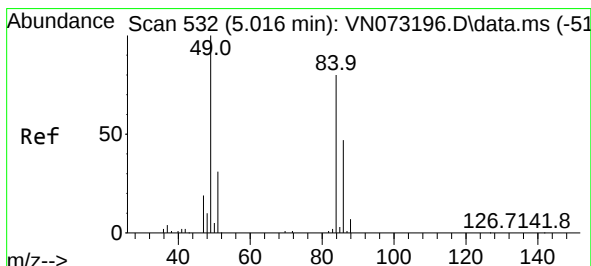
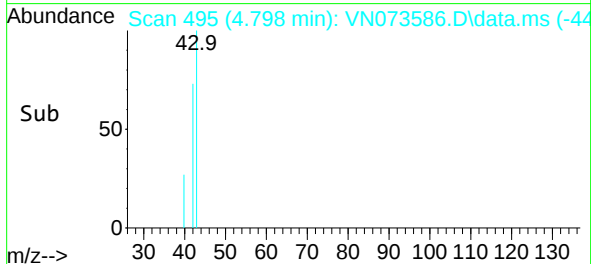
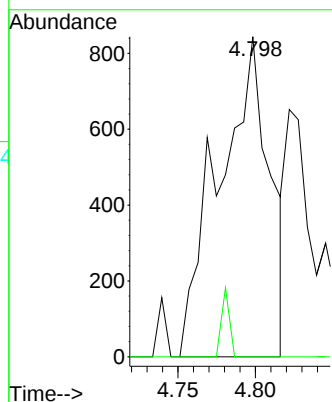
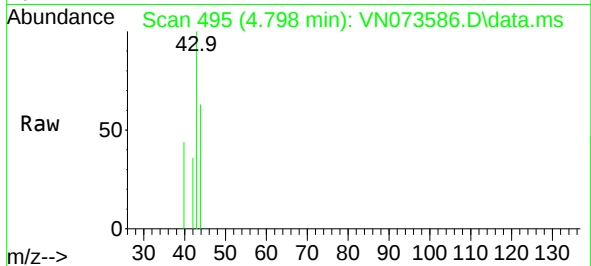




#18
Methyl Acetate
Concen: 0.357 ug/l
RT: 4.798 min Scan# 491
Delta R.T. 0.023 min
Lab File: VN073586.D
Acq: 25 Jul 2022 18:01

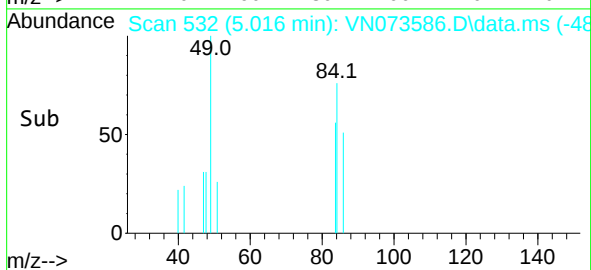
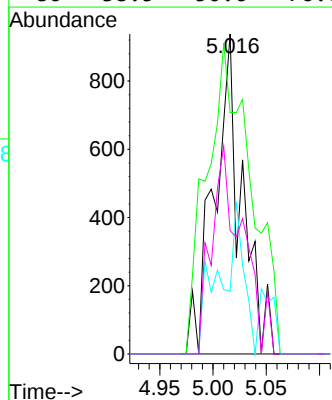
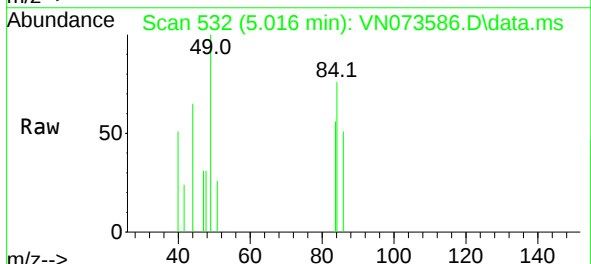
Instrument :
MSVOA_N
ClientSampleId :
TB-07212022

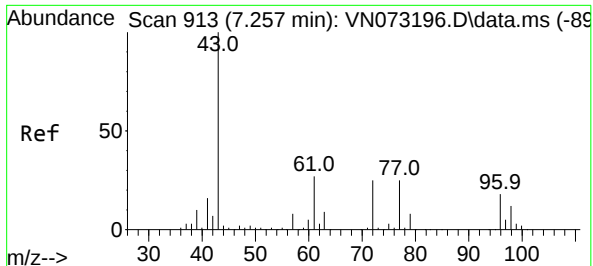
Tgt Ion: 43 Resp: 1914
Ion Ratio Lower Upper
43 100
74 3.3 21.6 32.4#



#20
Methylene Chloride
Concen: 0.505 ug/l
RT: 5.016 min Scan# 532
Delta R.T. -0.000 min
Lab File: VN073586.D
Acq: 25 Jul 2022 18:01

Tgt Ion: 84 Resp: 1698
Ion Ratio Lower Upper
84 100
49 75.5 88.3 132.5#
51 19.6 28.2 42.2#
86 38.5 50.6 76.0#





#25

2-Butanone

Concen: 0.350 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.012 min

Lab File: VN073586.D

Acq: 25 Jul 2022 18:01

Instrument :

MSVOA_N

ClientSampleId :

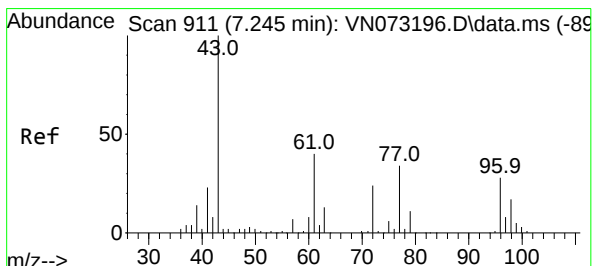
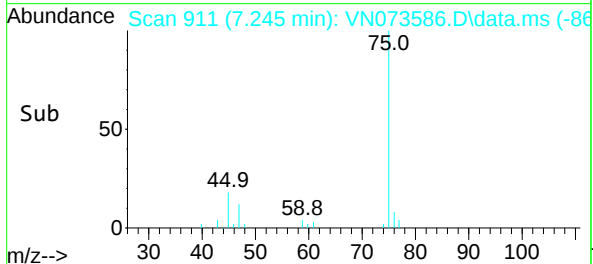
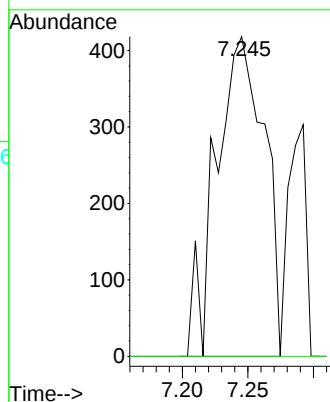
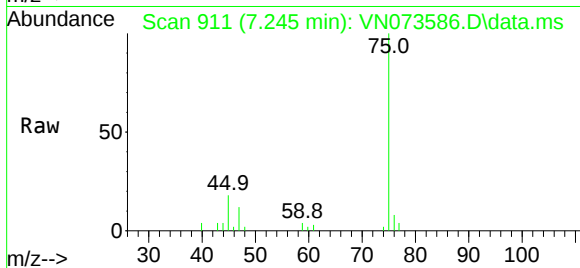
TB-07212022

Tgt Ion: 43 Resp: 1068

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.254 ug/l

RT: 7.257 min Scan# 913

Delta R.T. 0.012 min

Lab File: VN073586.D

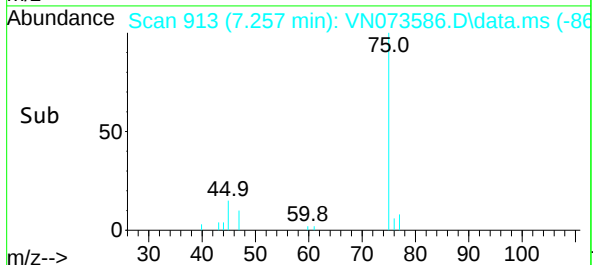
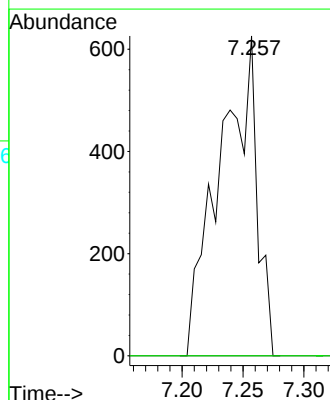
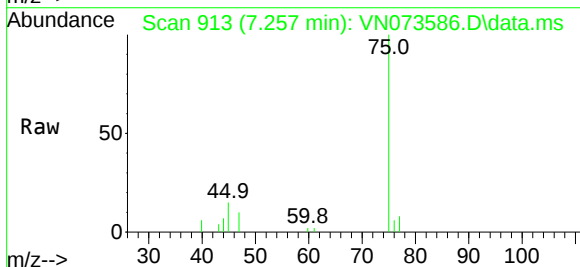
Acq: 25 Jul 2022 18:01

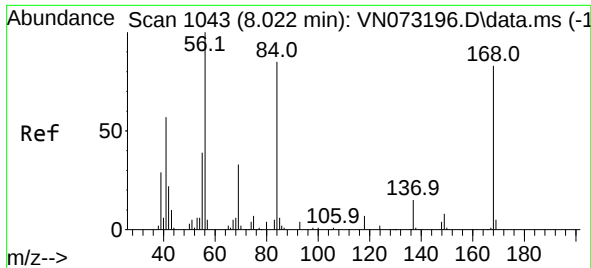
Tgt Ion: 77 Resp: 1331

Ion Ratio Lower Upper

77 100

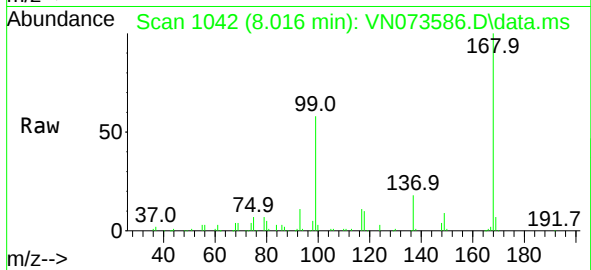
97 0.0 11.4 34.2#



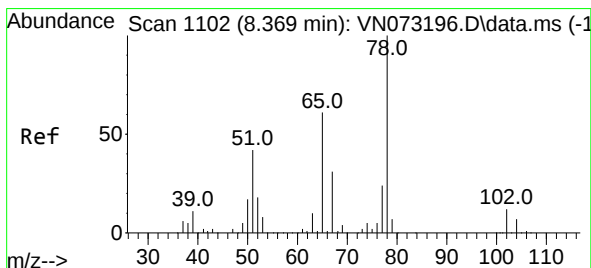
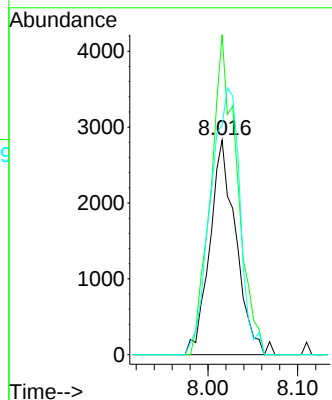
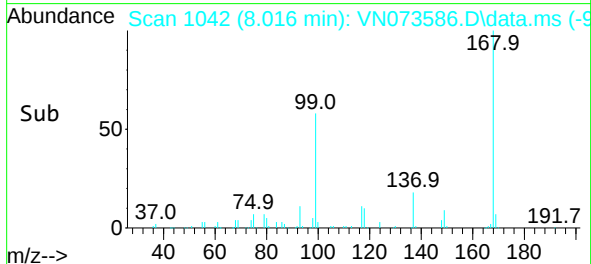


#31
Cyclohexane
Concen: 1.023 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073586.D
Acq: 25 Jul 2022 18:01

Instrument :
MSVOA_N
ClientSampleId :
TB-07212022

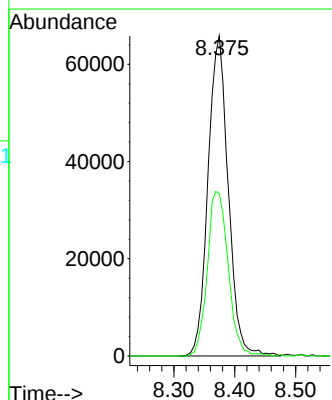
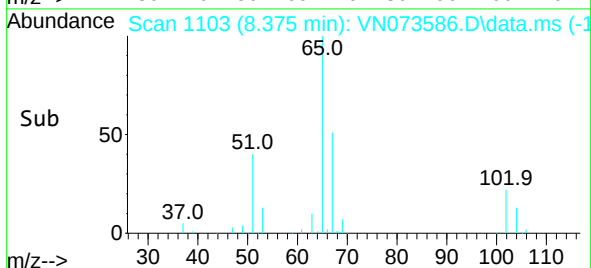
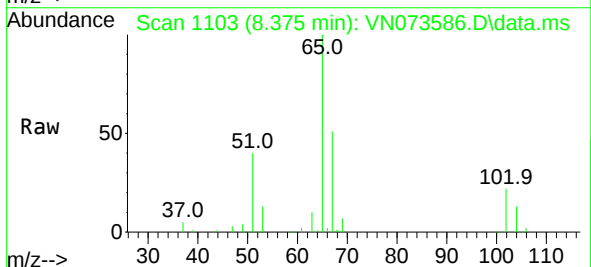


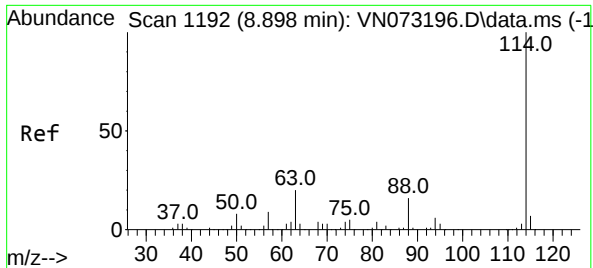
Tgt Ion: 56 Resp: 5715
Ion Ratio Lower Upper
56 100
69 149.2 27.8 41.8#
84 106.9 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 44.494 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073586.D
Acq: 25 Jul 2022 18:01

Tgt Ion: 65 Resp: 151749
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073586.D

Acq: 25 Jul 2022 18:01

Instrument :

MSVOA_N

ClientSampleId :

TB-07212022

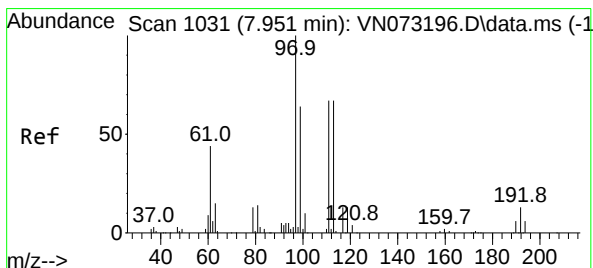
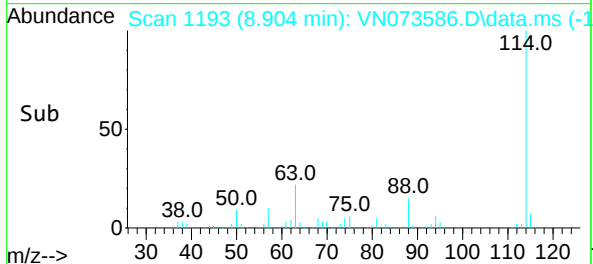
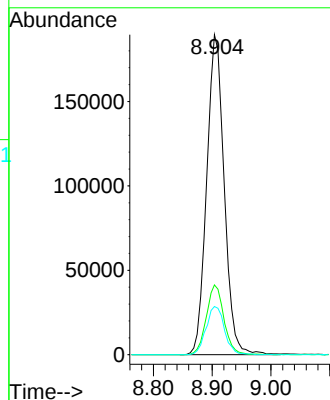
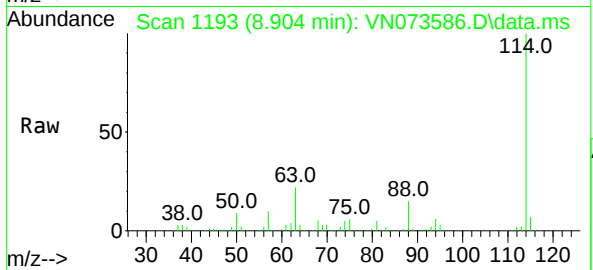
Tgt Ion:114 Resp: 392044

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.285 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073586.D

Acq: 25 Jul 2022 18:01

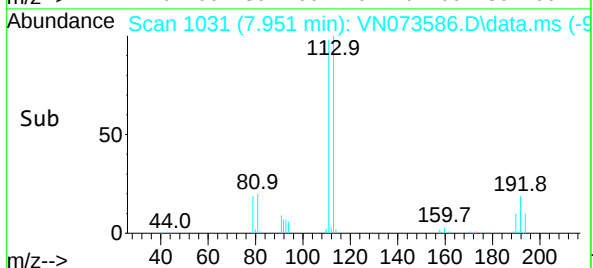
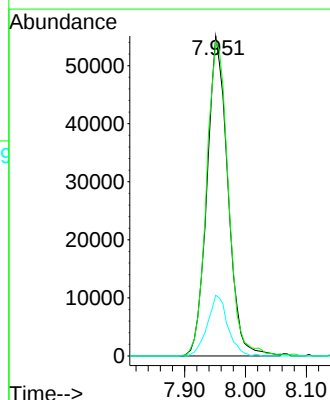
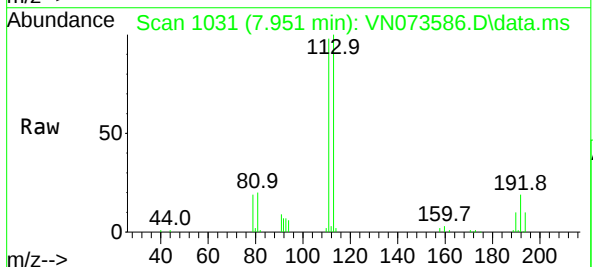
Tgt Ion:113 Resp: 131159

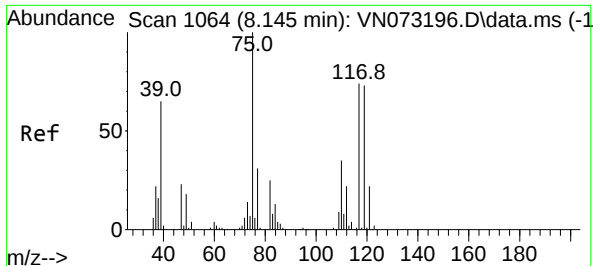
Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 18.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.685 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.123 min

Lab File: VN073586.D

Acq: 25 Jul 2022 18:01

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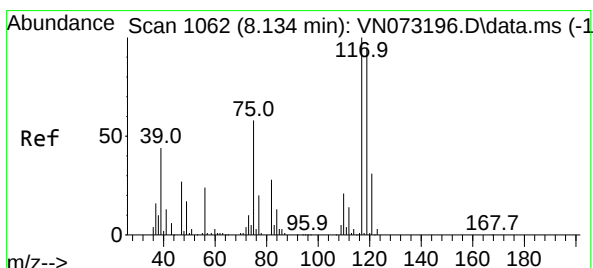
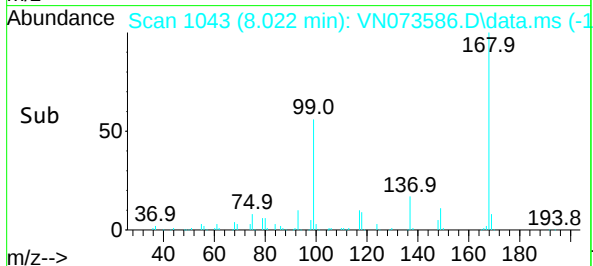
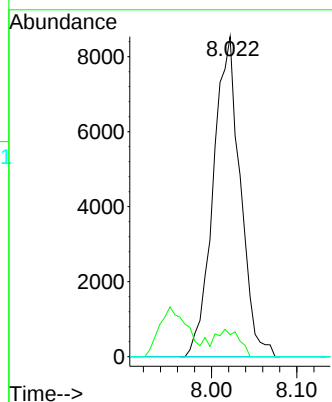
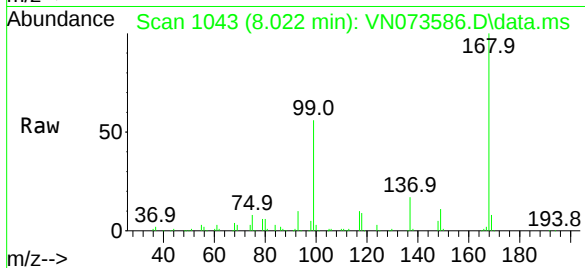
Tgt Ion: 75 Resp: 18803

Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.044 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073586.D

Acq: 25 Jul 2022 18:01

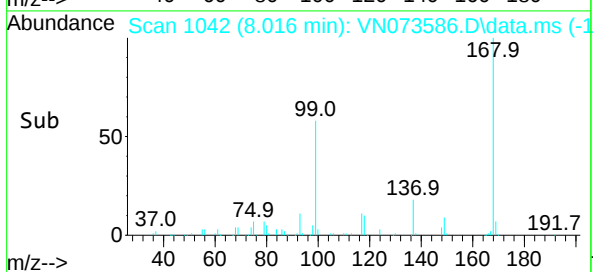
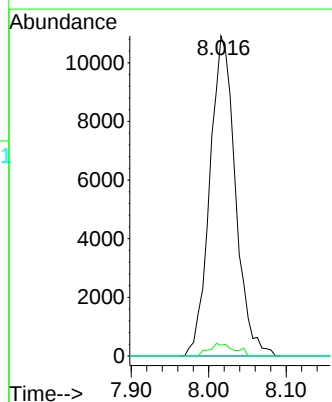
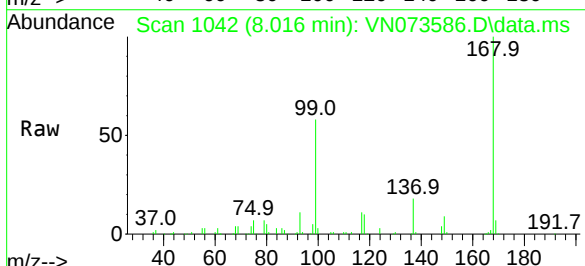
Tgt Ion: 117 Resp: 25085

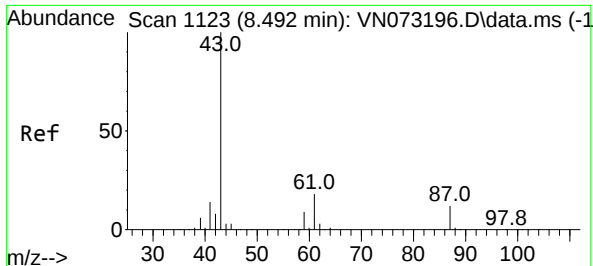
Ion Ratio Lower Upper

117 100

119 3.4 75.8 113.8#

121 0.0 24.6 37.0#

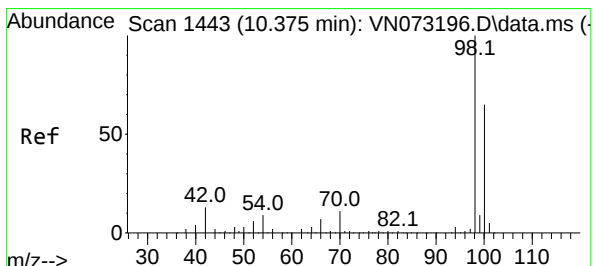
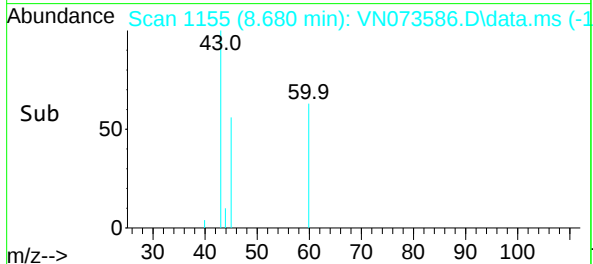
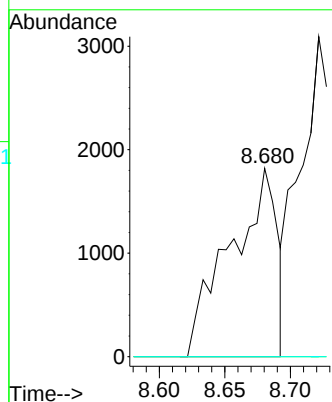
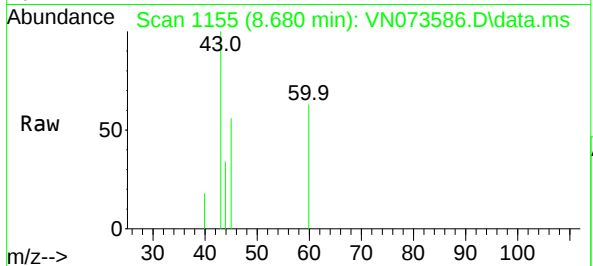




#43
Isopropyl Acetate
Concen: 0.520 ug/l
RT: 8.680 min Scan# 1123
Delta R.T. 0.188 min
Lab File: VN073586.D
Acq: 25 Jul 2022 18:01

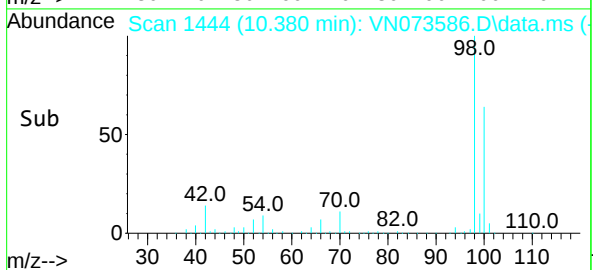
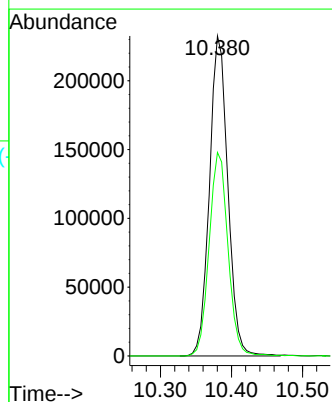
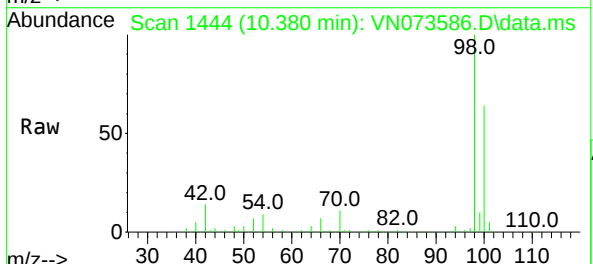
Instrument :
MSVOA_N
ClientSampleId :
TB-07212022

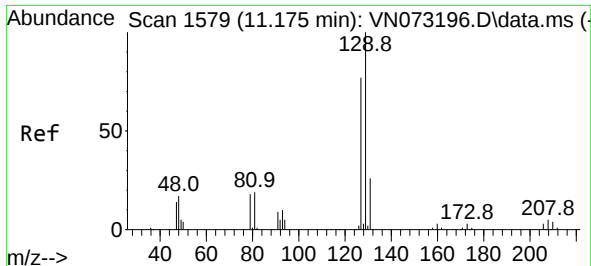
Tgt Ion: 43 Resp: 4532
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 45.147 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073586.D
Acq: 25 Jul 2022 18:01

Tgt Ion: 98 Resp: 418239
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

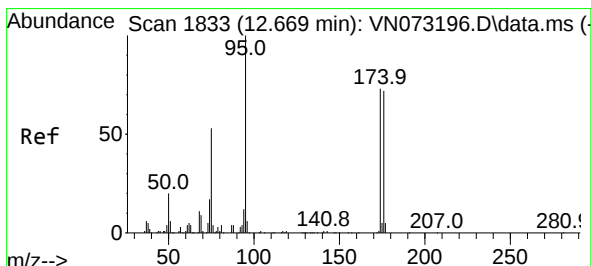
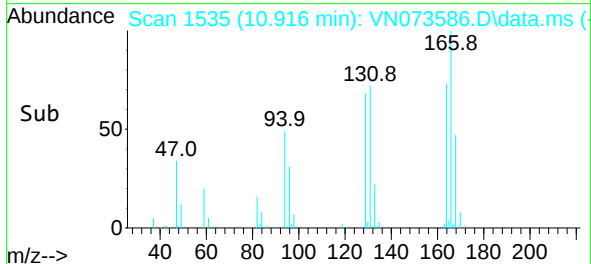
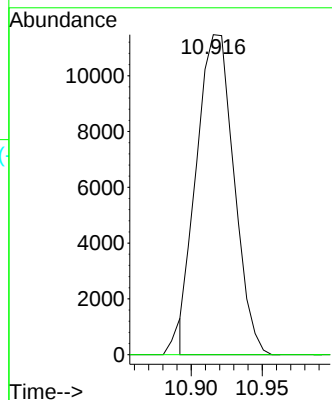
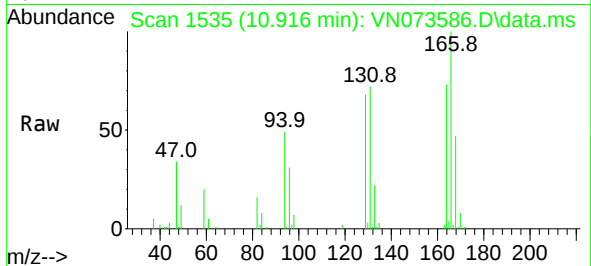




#60
Dibromochloromethane
Concen: 6.983 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN073586.D
Acq: 25 Jul 2022 18:01

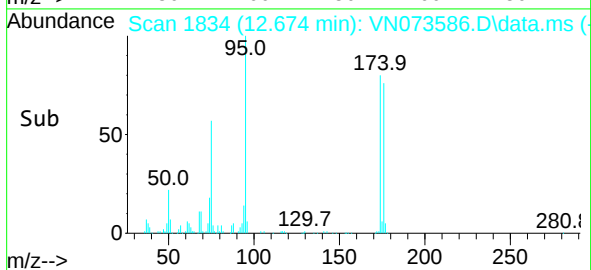
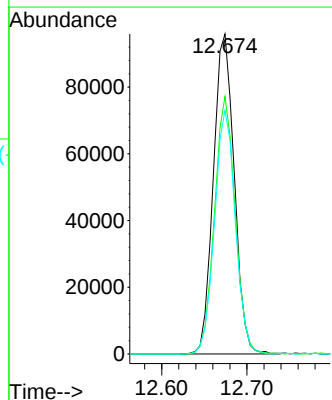
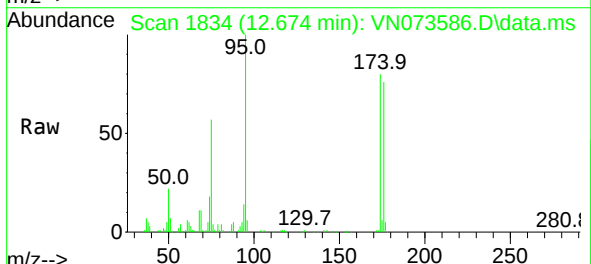
Instrument :
MSVOA_N
ClientSampleId :
TB-07212022

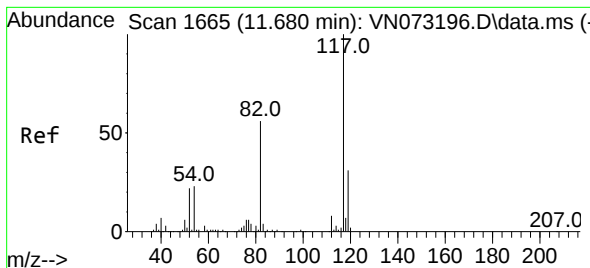
Tgt Ion:129 Resp: 20981
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.786 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073586.D
Acq: 25 Jul 2022 18:01

Tgt Ion: 95 Resp: 163003
Ion Ratio Lower Upper
95 100
174 80.0 0.0 167.6
176 75.8 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073586.D

Acq: 25 Jul 2022 18:01

Instrument :

MSVOA_N

ClientSampleId :

TB-07212022

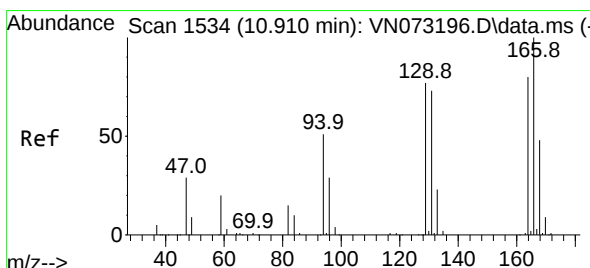
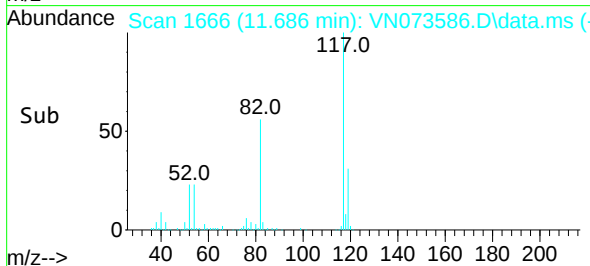
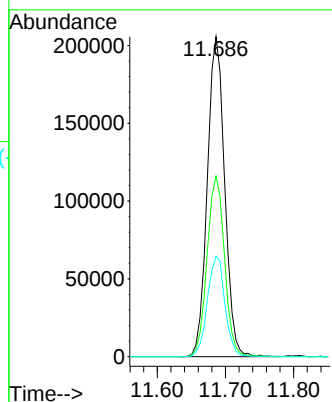
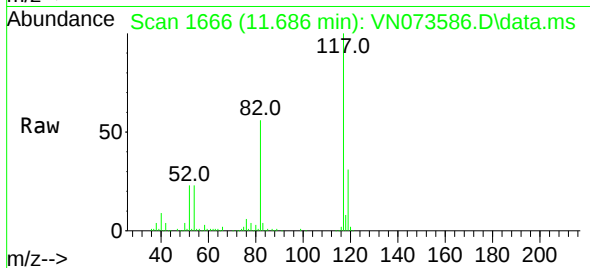
Tgt Ion:117 Resp: 364267

Ion Ratio Lower Upper

117 100

82 56.4 44.2 66.2

119 31.3 25.4 38.0



#64

Tetrachloroethene

Concen: 7.884 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.006 min

Lab File: VN073586.D

Acq: 25 Jul 2022 18:01

Tgt Ion:164 Resp: 23450

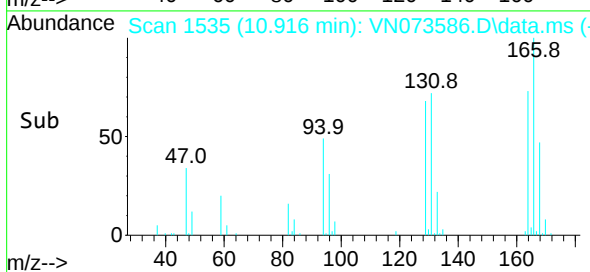
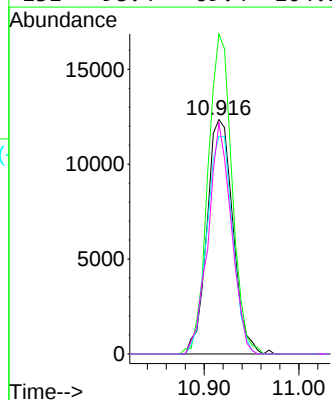
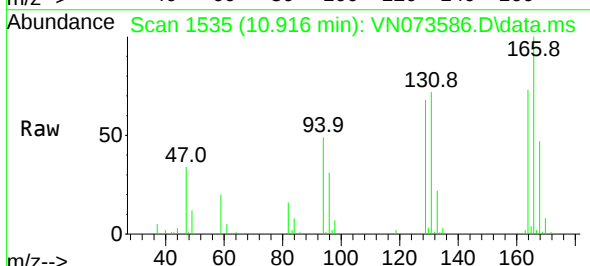
Ion Ratio Lower Upper

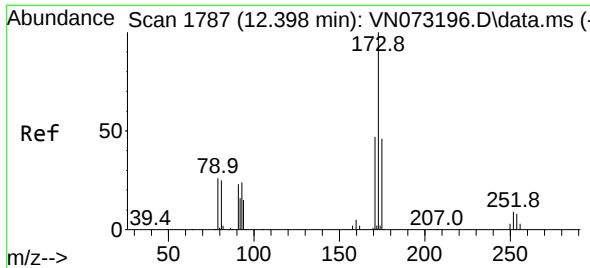
164 100

166 136.5 104.2 156.2

129 92.9 73.9 110.9

131 98.4 69.4 104.2

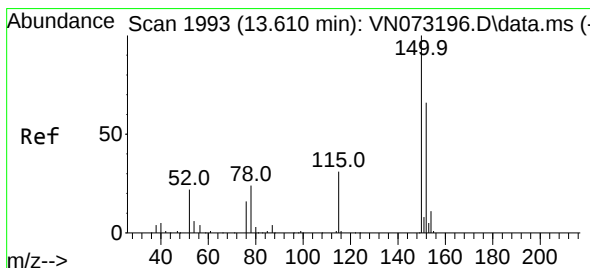
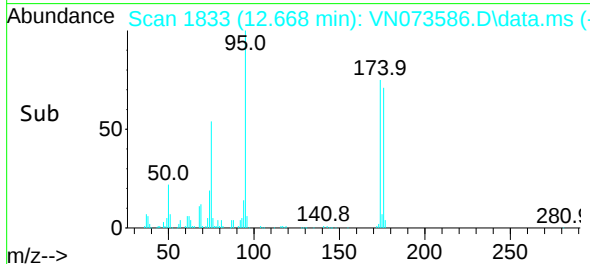
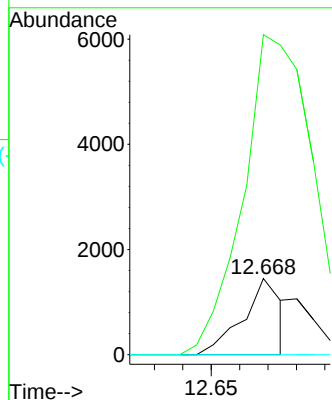
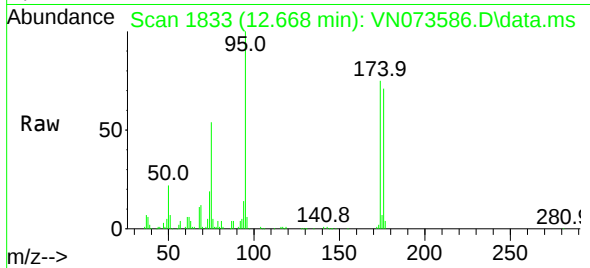




#71
Bromoform
Concen: 0.614 ug/l
RT: 12.668 min Scan# 11
Delta R.T. 0.270 min
Lab File: VN073586.D
Acq: 25 Jul 2022 18:01

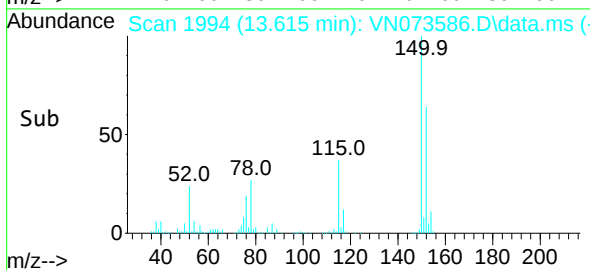
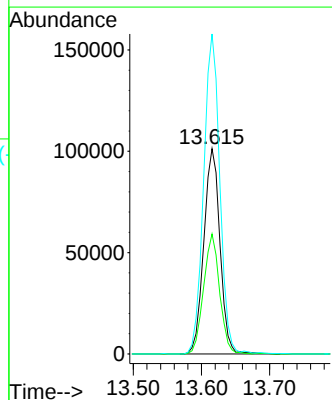
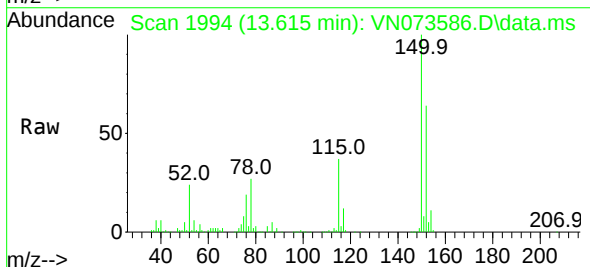
Instrument :
MSVOA_N
ClientSampleId :
TB-07212022

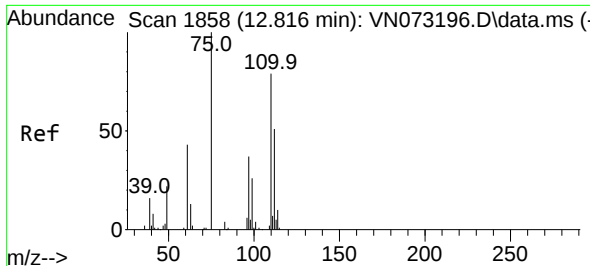
Tgt Ion:173 Resp: 1361
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073586.D
Acq: 25 Jul 2022 18:01

Tgt Ion:152 Resp: 167385
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.7
150 155.2 0.0 356.2

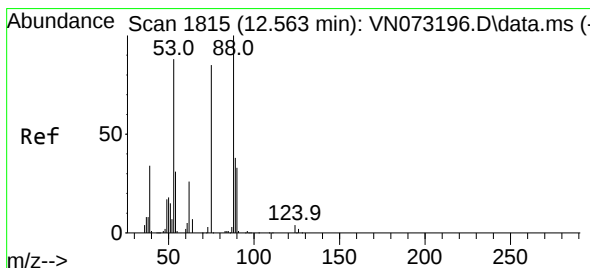
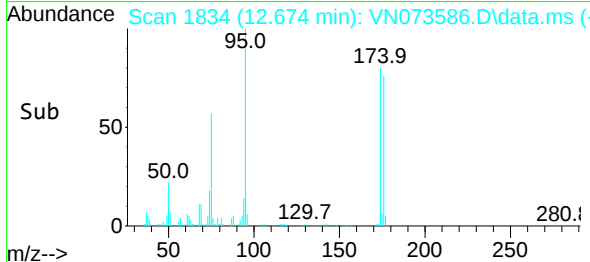
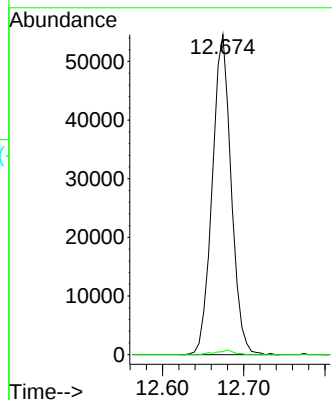
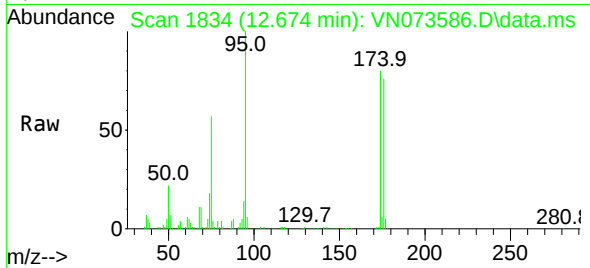




#76
1,2,3-Trichloropropane
Concen: 20.191 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.142 min
Lab File: VN073586.D
Acq: 25 Jul 2022 18:01

Instrument :
MSVOA_N
ClientSampleId :
TB-07212022

Tgt Ion: 75 Resp: 88373
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.374 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.111 min
Lab File: VN073586.D
Acq: 25 Jul 2022 18:01

Tgt Ion: 75 Resp: 88373
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

