

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072979.D
 Acq On : 21 Jun 2022 13:29
 Operator : JC\MD
 Sample : N3370-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2022-06-15

Quant Time: Jun 22 07:00:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

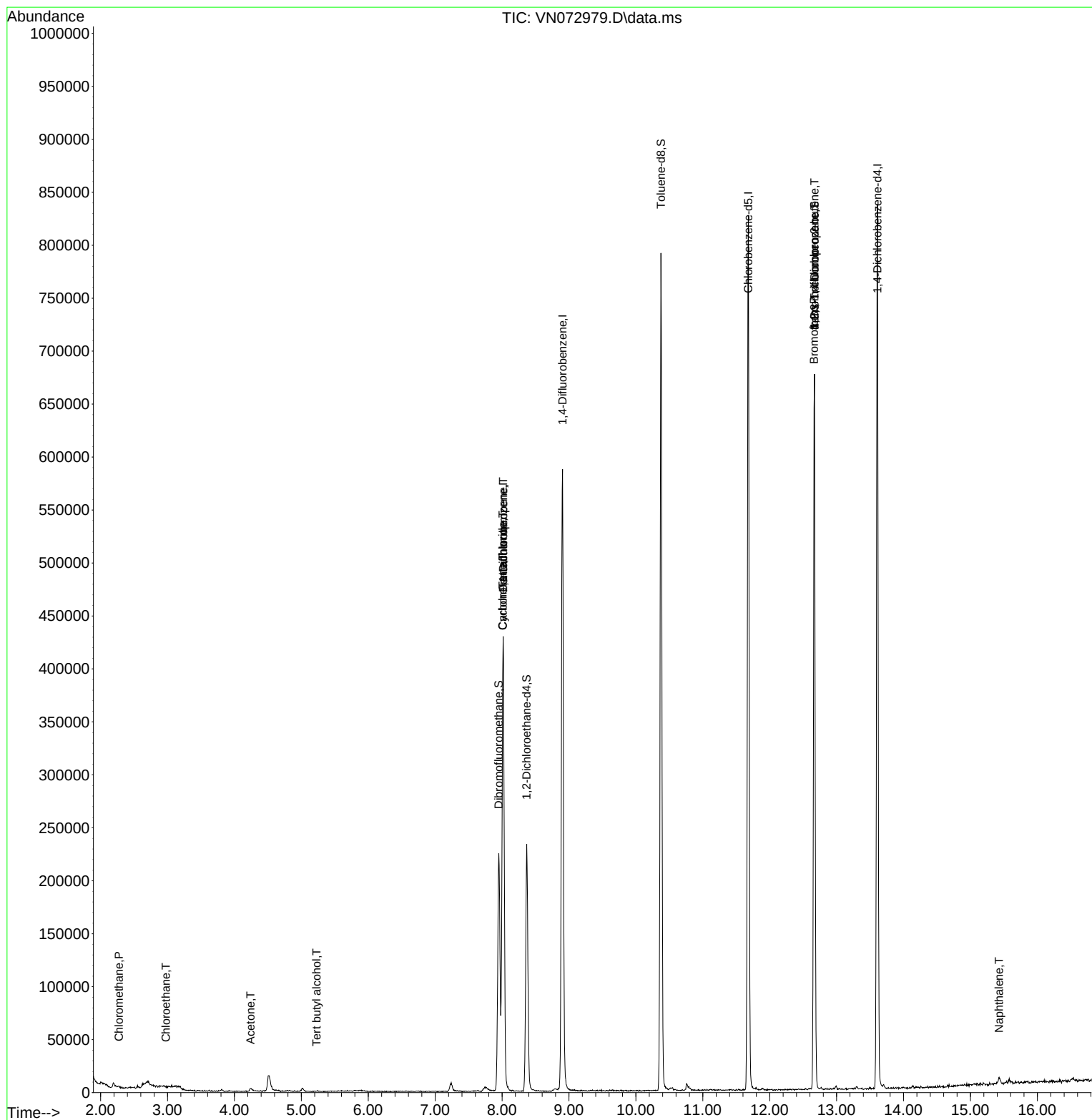
Internal Standards						
1) Pentafluorobenzene	8.016	168	328982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	527477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	469854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	225641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194800	43.797	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.600%
35) Dibromofluoromethane	7.951	113	167453	51.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.720%
50) Toluene-d8	10.374	98	537195	44.281	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.560%
62) 4-Bromofluorobenzene	12.668	95	233711	53.575	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	978	0.856	ug/l #	81
6) Chloroethane	2.975	64	364	0.207	ug/l #	42
11) Tert butyl alcohol	5.228	59	270	0.235	ug/l #	72
16) Acetone	4.239	43	5297	2.167	ug/l	99
26) 2,2-Dichloropropane	7.245	77	389	Below Cal	#	53
31) Cyclohexane	8.010	56	6903	1.147	ug/l #	17
36) 1,1-Dichloropropene	8.016	75	26603	6.030	ug/l #	48
38) Carbon Tetrachloride	8.010	117	33882	7.302	ug/l #	16
71) Bromoform	12.662	173	1193	0.453	ug/l #	28
76) 1,2,3-Trichloropropane	12.668	75	122499	22.392	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	122499	60.473	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.580	75	55	Below Cal	#	1
95) Naphthalene	15.427	128	5652	0.324	ug/l	98

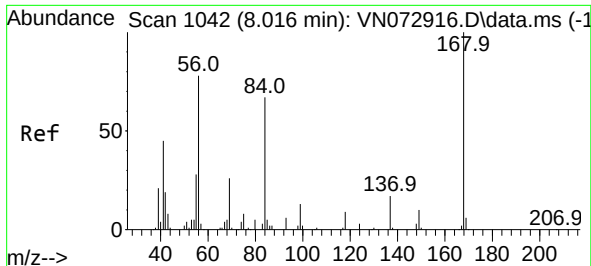
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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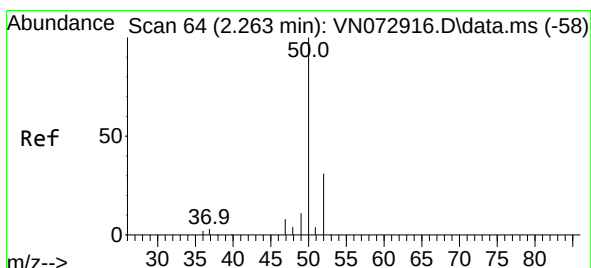
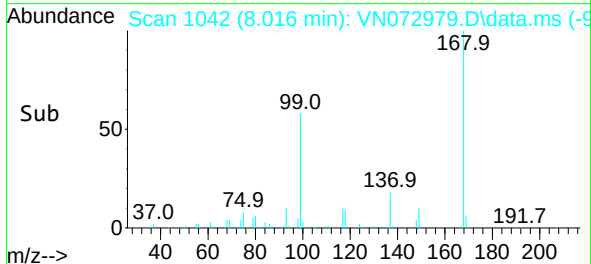
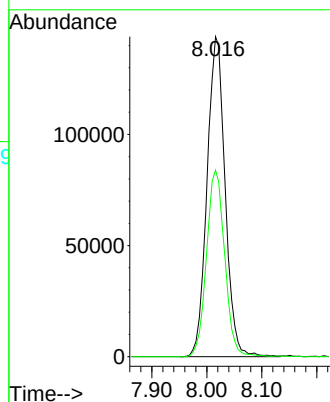
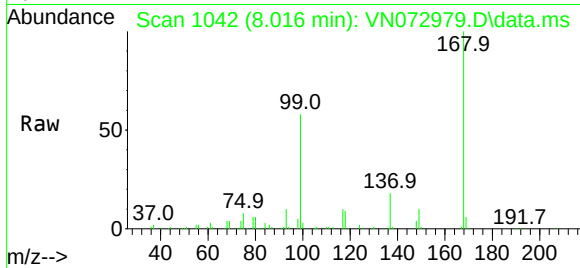




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072979.D
Acq: 21 Jun 2022 13:29

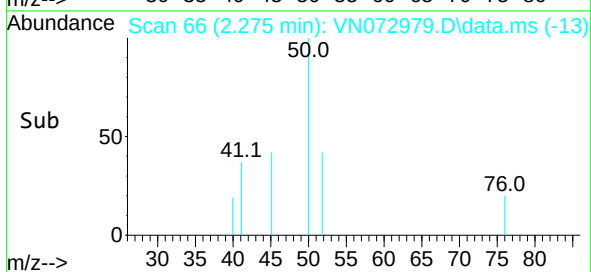
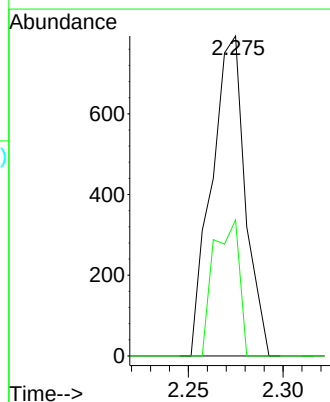
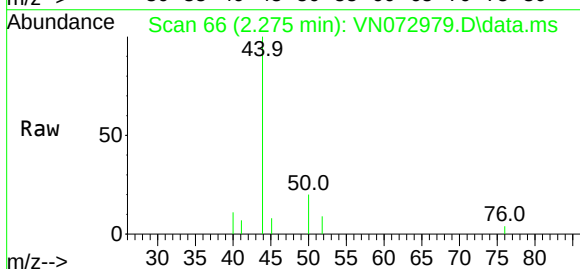
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-15

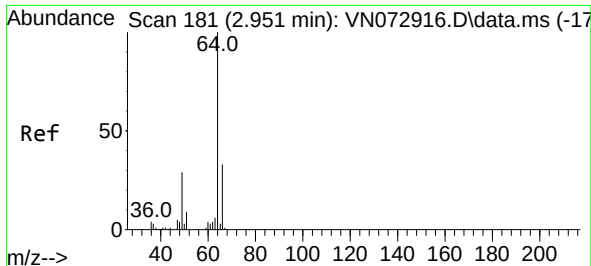
Tgt Ion:168 Resp: 328982
Ion Ratio Lower Upper
168 100
99 58.3 42.3 63.5



#3
Chloromethane
Concen: 0.856 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.012 min
Lab File: VN072979.D
Acq: 21 Jun 2022 13:29

Tgt Ion: 50 Resp: 978
Ion Ratio Lower Upper
50 100
52 42.5 25.7 38.5#

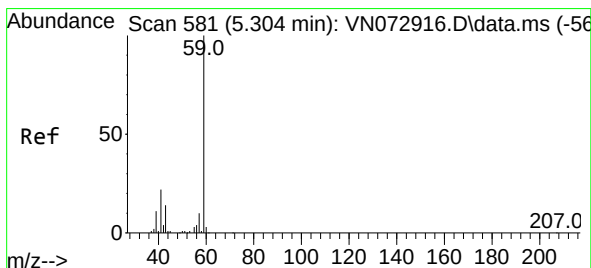
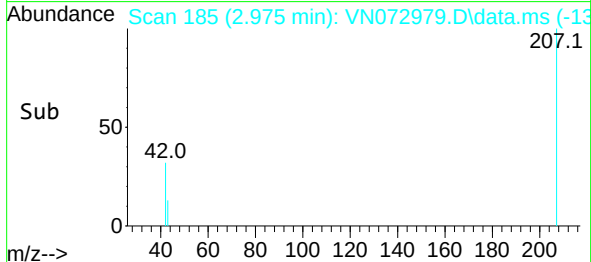
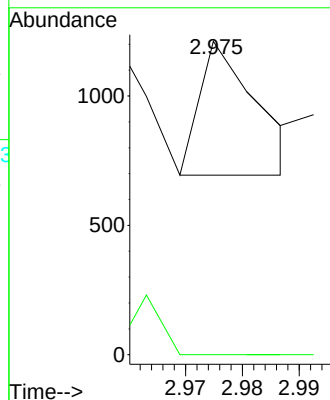
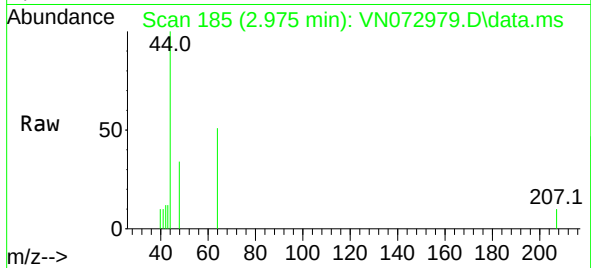




#6
Chloroethane
Concen: 0.207 ug/l
RT: 2.975 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN072979.D
Acq: 21 Jun 2022 13:29

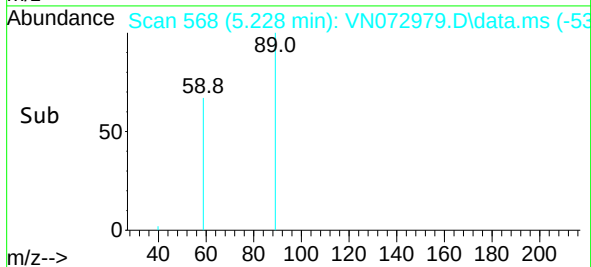
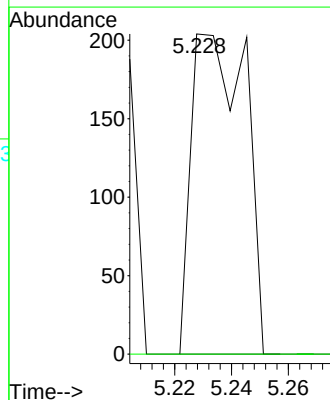
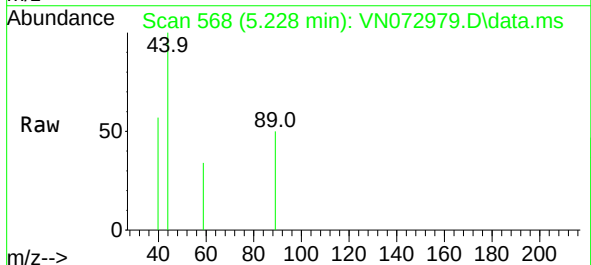
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-15

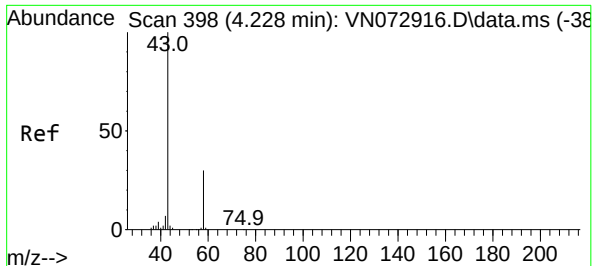
Tgt Ion: 64 Resp: 364
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.235 ug/l
RT: 5.228 min Scan# 568
Delta R.T. -0.077 min
Lab File: VN072979.D
Acq: 21 Jun 2022 13:29

Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 2.167 ug/l

RT: 4.239 min Scan# 40

Delta R.T. 0.012 min

Lab File: VN072979.D

Acq: 21 Jun 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

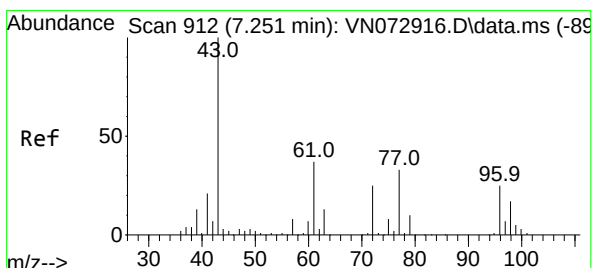
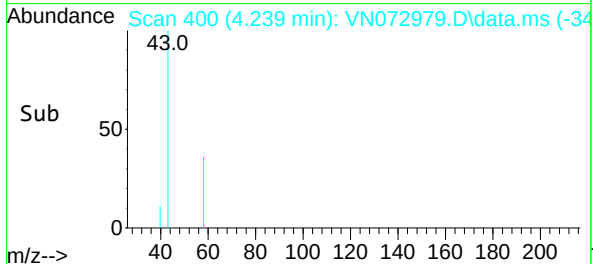
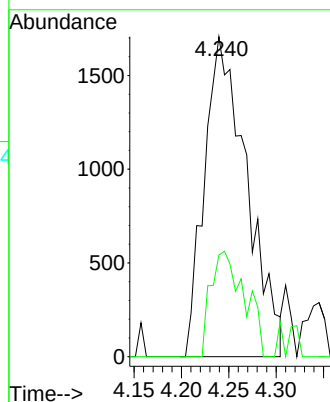
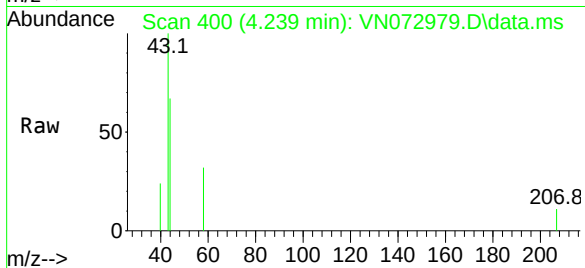
TB-2022-06-15

Tgt Ion: 43 Resp: 5297

Ion Ratio Lower Upper

43 100

58 31.8 26.0 39.0



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.245 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN072979.D

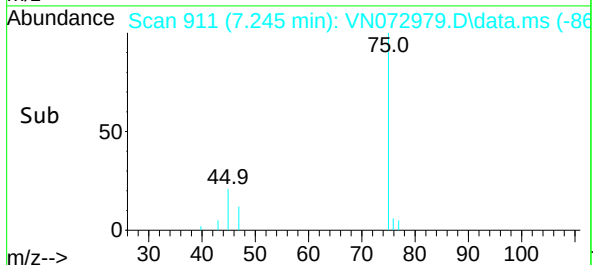
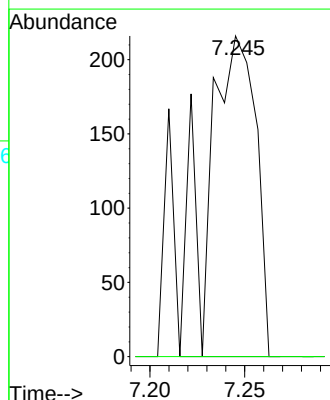
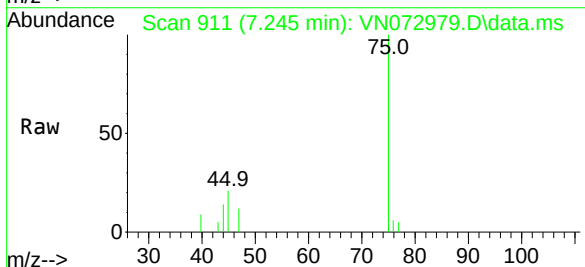
Acq: 21 Jun 2022 13:29

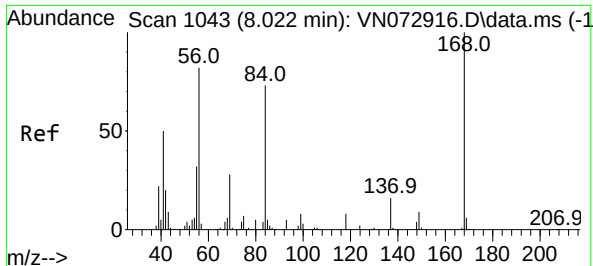
Tgt Ion: 77 Resp: 389

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#

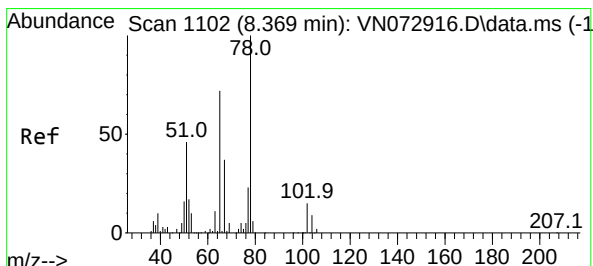
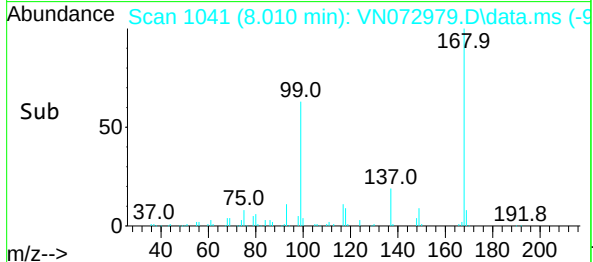
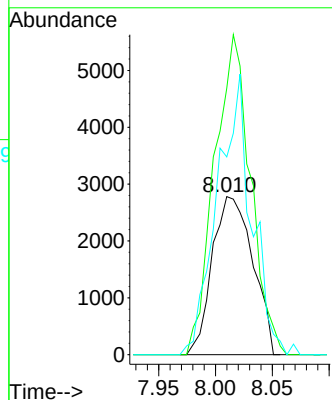
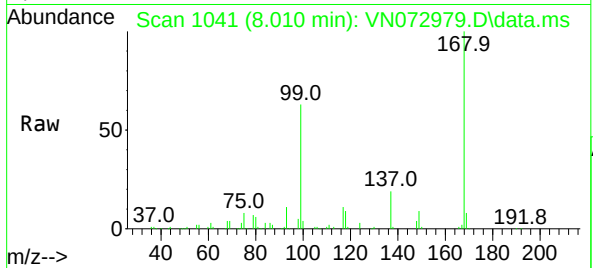




#31
Cyclohexane
Concen: 1.147 ug/l
RT: 8.010 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VN072979.D
Acq: 21 Jun 2022 13:29

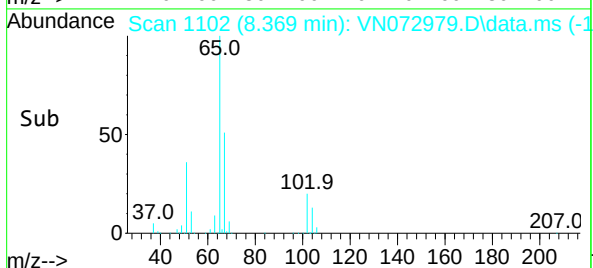
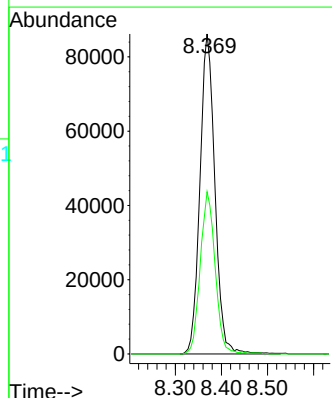
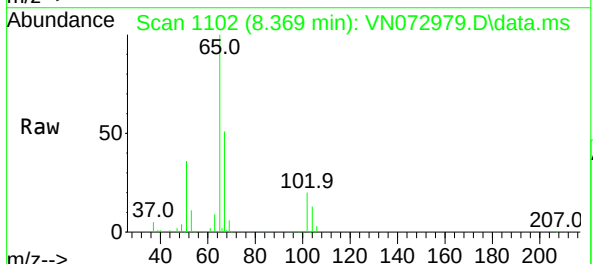
Instrument :
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ClientSampleId :
TB-2022-06-15

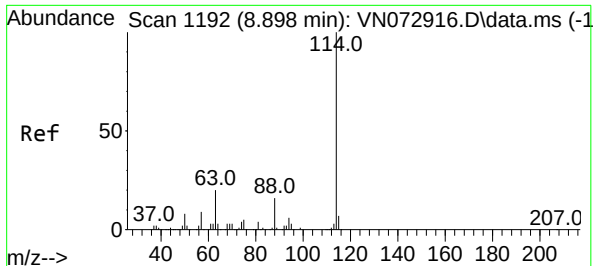
Tgt Ion: 56 Resp: 6903
Ion Ratio Lower Upper
56 100
69 168.5 27.8 41.8#
84 125.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.797 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN072979.D
Acq: 21 Jun 2022 13:29

Tgt Ion: 65 Resp: 194800
Ion Ratio Lower Upper
65 100
67 50.3 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: VN072979.D

Acq: 21 Jun 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

TB-2022-06-15

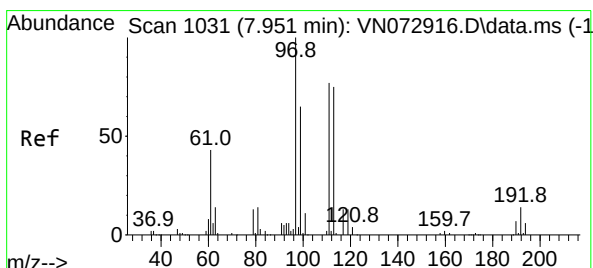
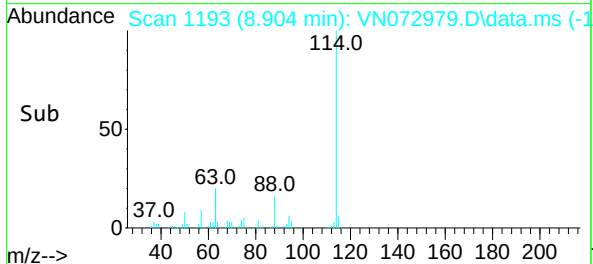
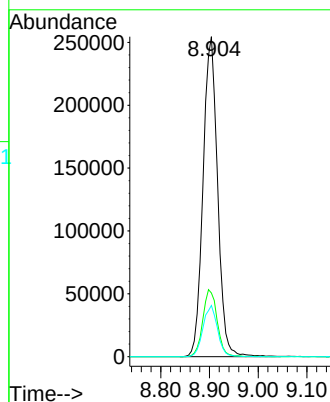
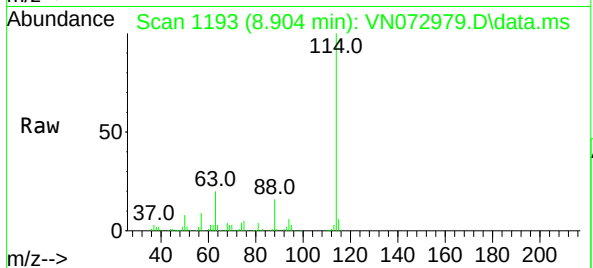
Tgt Ion:114 Resp: 527477

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.361 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN072979.D

Acq: 21 Jun 2022 13:29

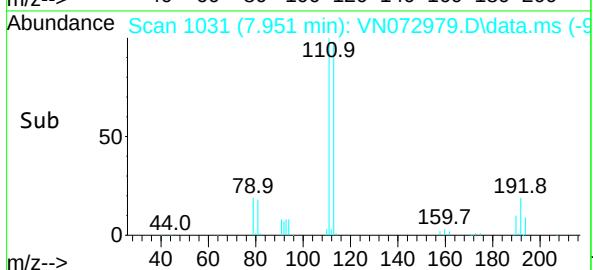
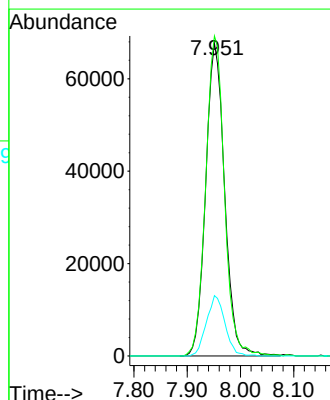
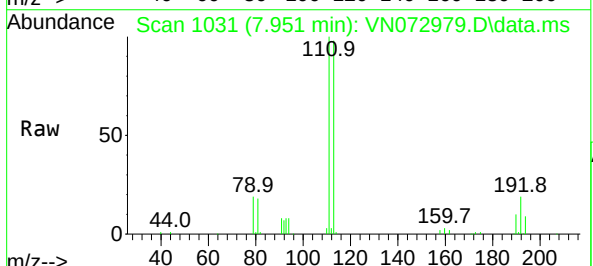
Tgt Ion:113 Resp: 167453

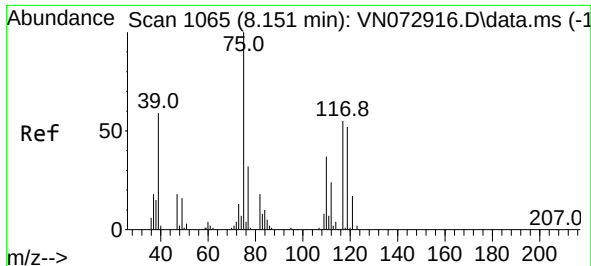
Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

192 18.9 17.0 25.6

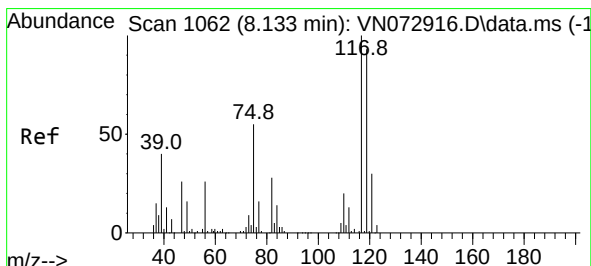
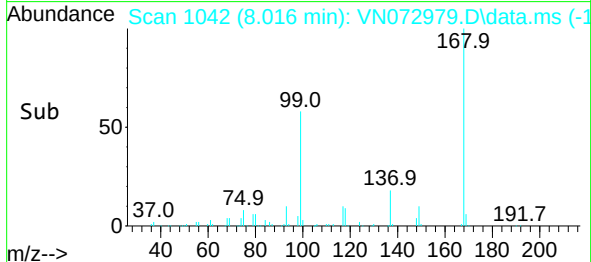
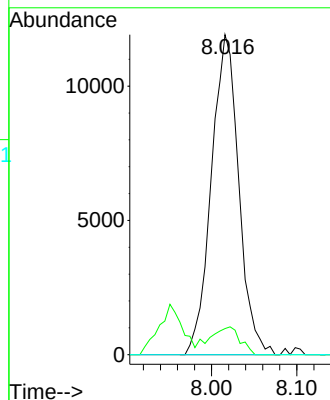
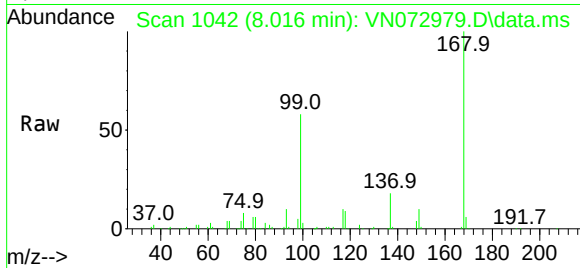




#36
1,1-Dichloropropene
Concen: 6.030 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN072979.D
Acq: 21 Jun 2022 13:29

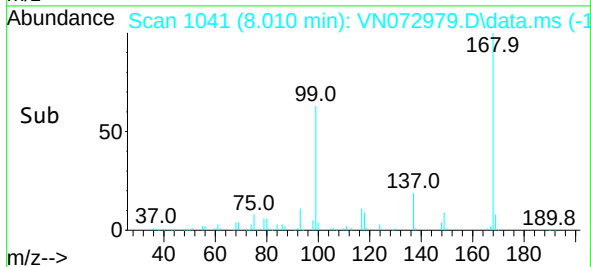
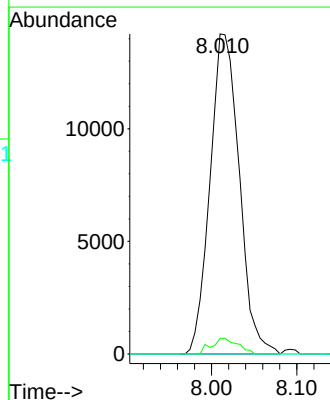
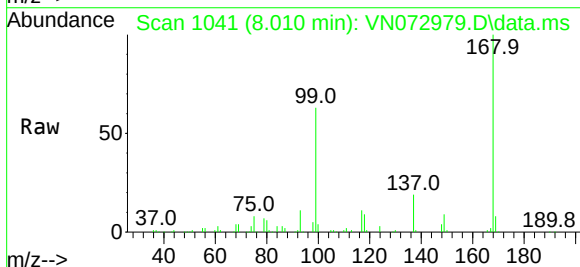
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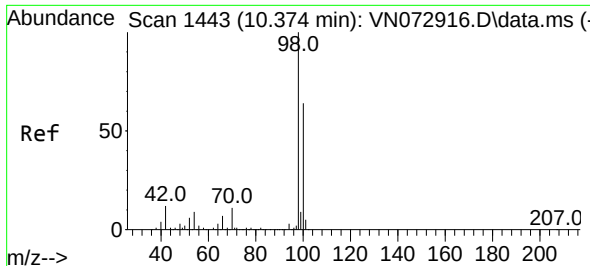
Tgt Ion: 75 Resp: 26603
Ion Ratio Lower Upper
75 100
110 8.4 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 7.302 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.124 min
Lab File: VN072979.D
Acq: 21 Jun 2022 13:29

Tgt Ion: 117 Resp: 33882
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#

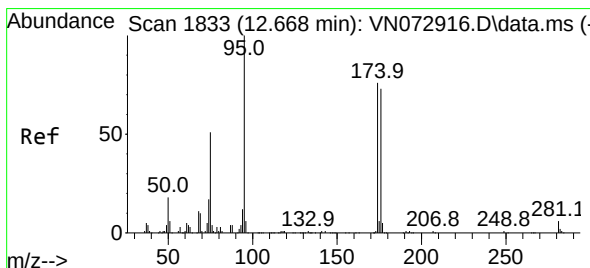
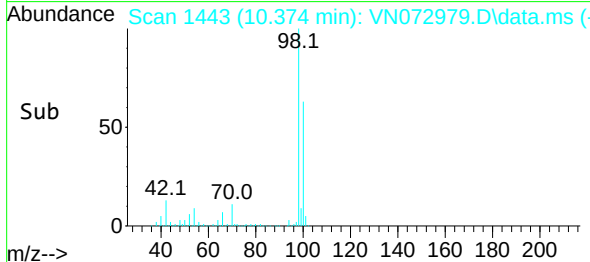
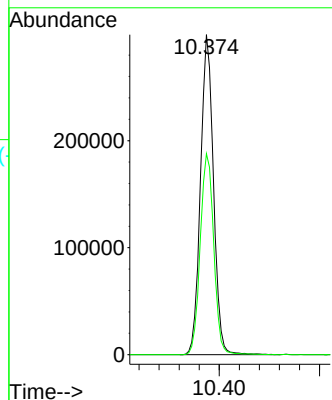
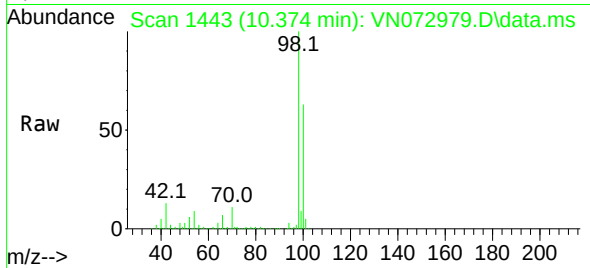




#50
Toluene-d8
Concen: 44.281 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN072979.D
Acq: 21 Jun 2022 13:29

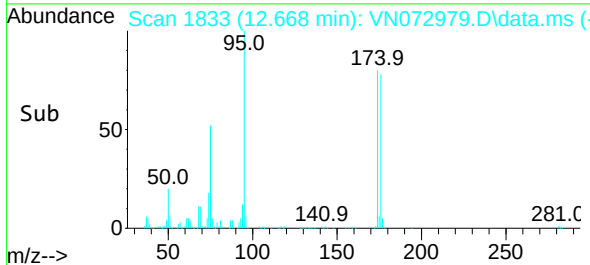
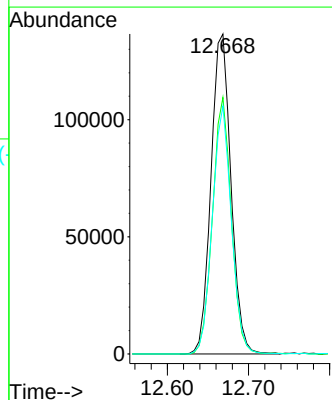
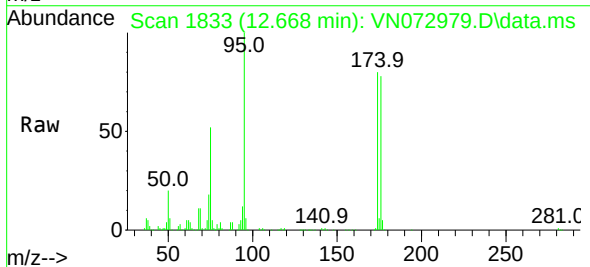
Instrument :
MSVOA_N
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TB-2022-06-15

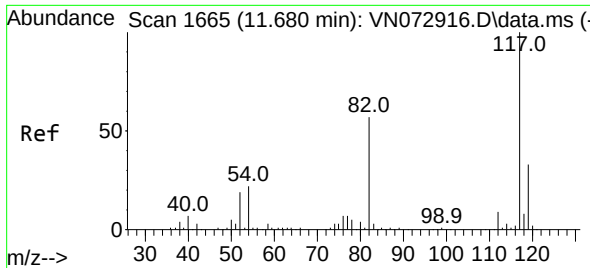
Tgt Ion: 98 Resp: 537195
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.575 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN072979.D
Acq: 21 Jun 2022 13:29

Tgt Ion: 95 Resp: 233711
Ion Ratio Lower Upper
95 100
174 75.4 0.0 167.6
176 73.9 0.0 163.4

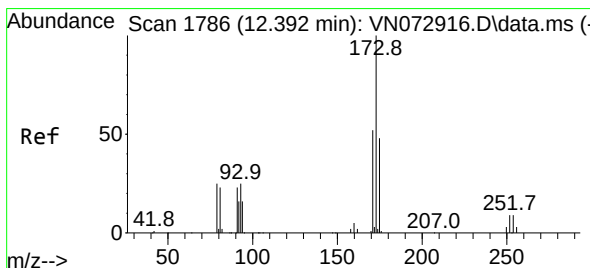
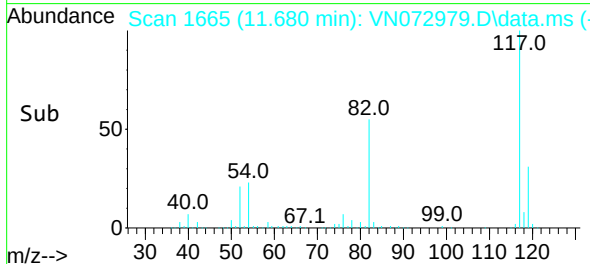
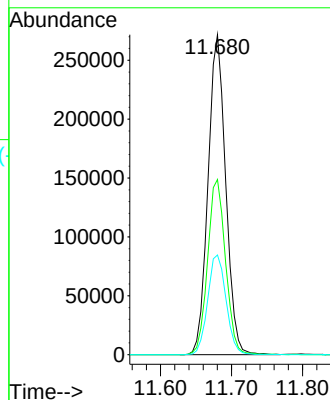
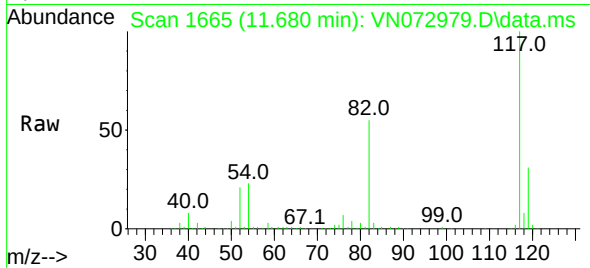




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072979.D
Acq: 21 Jun 2022 13:29

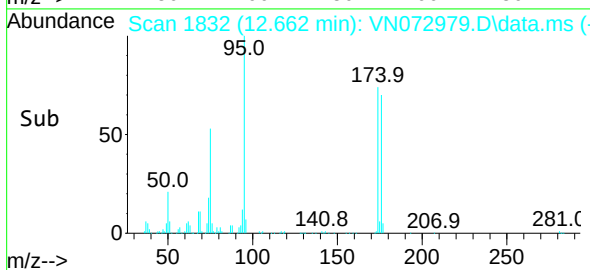
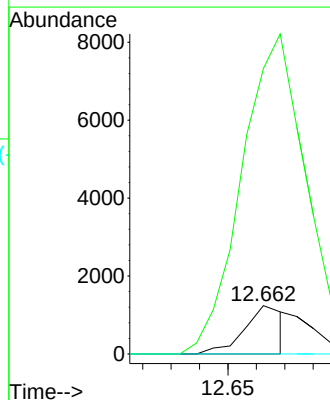
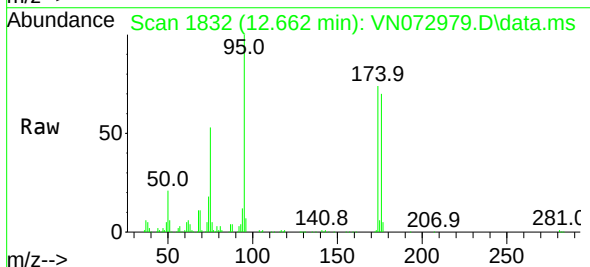
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-15

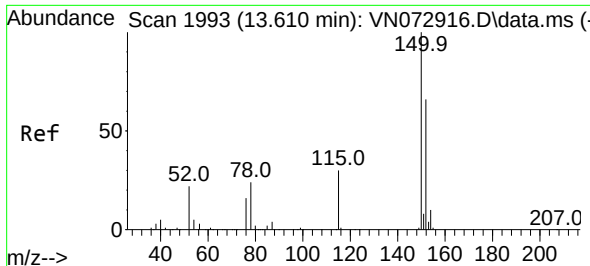
Tgt Ion:117 Resp: 469854
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 31.2 25.4 38.0



#71
Bromoform
Concen: 0.453 ug/l
RT: 12.662 min Scan# 1832
Delta R.T. 0.271 min
Lab File: VN072979.D
Acq: 21 Jun 2022 13:29

Tgt Ion:173 Resp: 1193
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

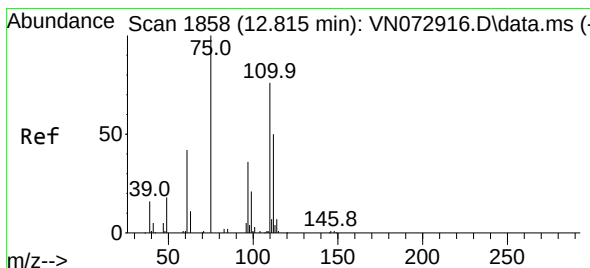
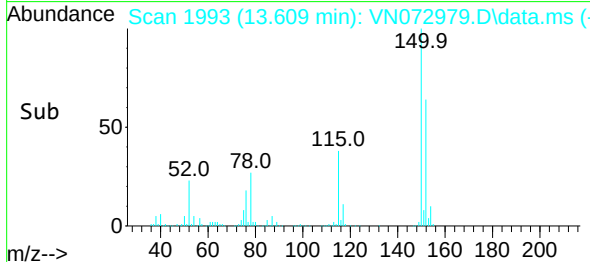
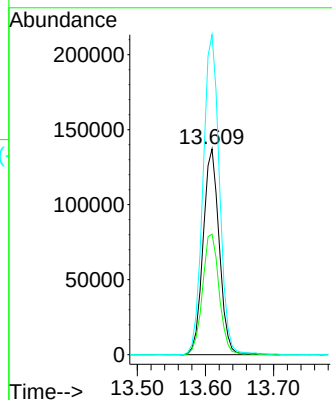
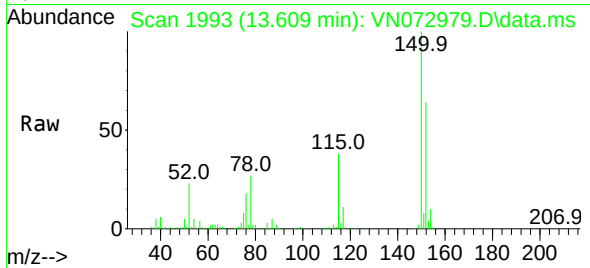




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.609 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN072979.D
 Acq: 21 Jun 2022 13:29

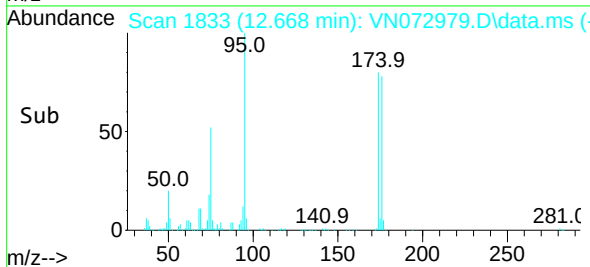
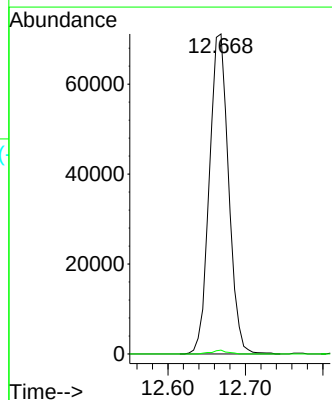
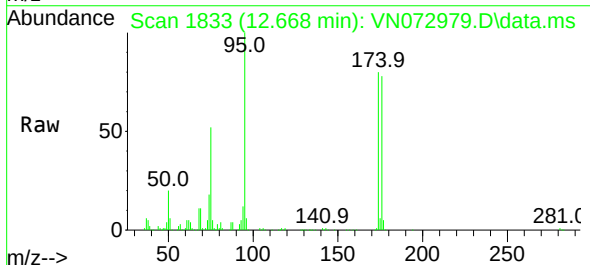
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2022-06-15

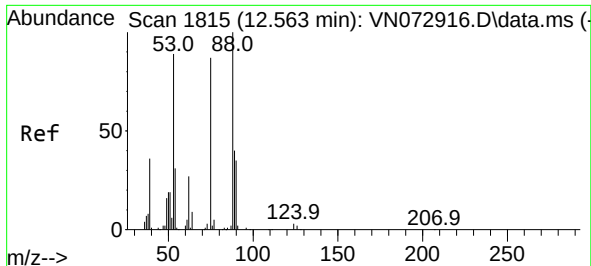
Tgt Ion:152 Resp: 225641
 Ion Ratio Lower Upper
 152 100
 115 60.6 28.9 86.7
 150 158.6 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 22.392 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN072979.D
 Acq: 21 Jun 2022 13:29

Tgt Ion: 75 Resp: 122499
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#

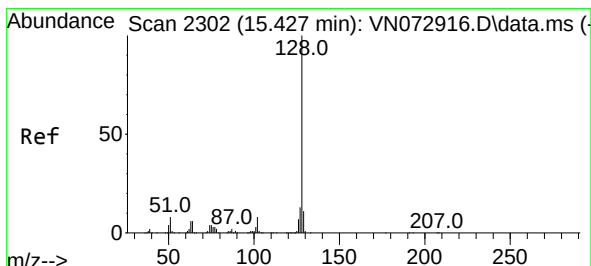
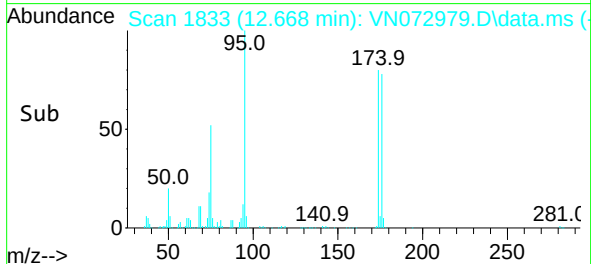
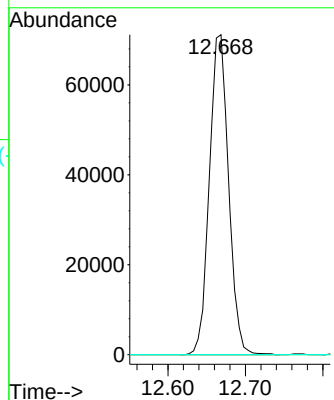
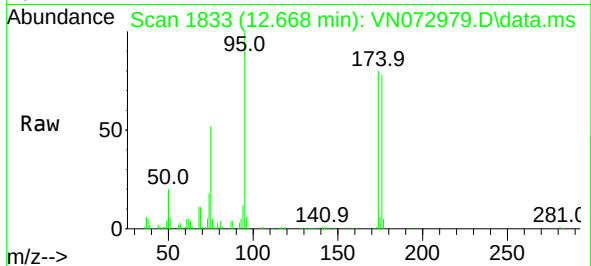




#81
trans-1,4-Dichloro-2-butene
Concen: 60.473 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN072979.D
Acq: 21 Jun 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-15

Tgt Ion: 75 Resp: 122499
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.324 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN072979.D
Acq: 21 Jun 2022 13:29

Tgt Ion:128 Resp: 5652
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 10.2 8.6 13.0

