

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
 Data File : VN073023.D
 Acq On : 22 Jun 2022 14:12
 Operator : JC\MD
 Sample : VN0622WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBL02

Quant Time: Jun 23 07:31:20 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)

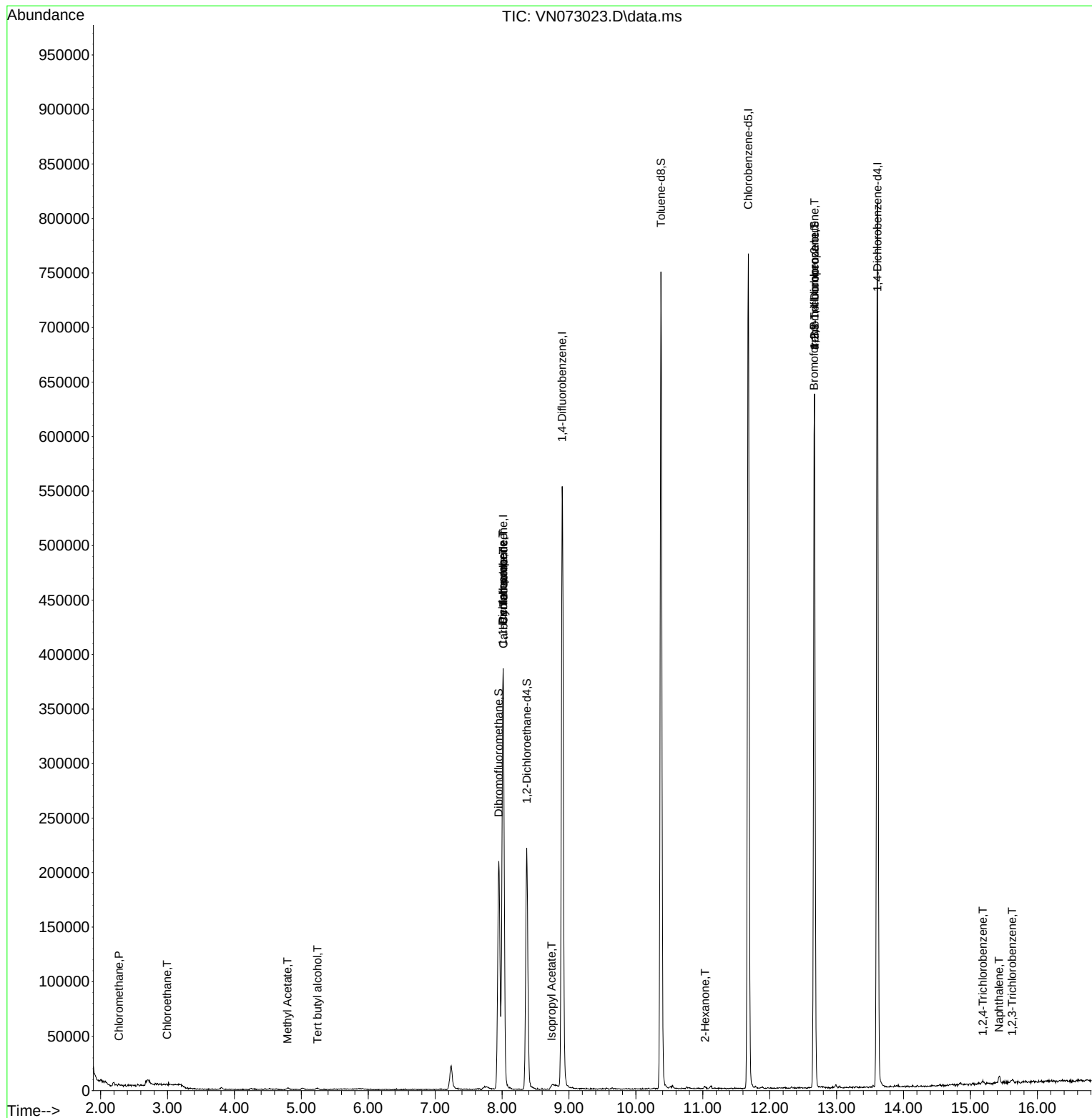
Internal Standards						
1) Pentafluorobenzene	8.016	168	303371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	489560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	449243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	219345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	182328	44.454	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.900%		
35) Dibromofluoromethane	7.951	113	155166	51.279	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.560%		
50) Toluene-d8	10.374	98	508437	45.156	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.320%		
62) 4-Bromofluorobenzene	12.668	95	218541	53.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.960%		
Target Compounds						Qvalue
3) Chloromethane	2.275	50	629	0.770	ug/l #	43
6) Chloroethane	2.993	64	646	0.399	ug/l #	42
11) Tert butyl alcohol	5.239	59	347	0.328	ug/l #	72
18) Methyl Acetate	4.792	43	3006	0.501	ug/l #	52
26) 2,2-Dichloropropane	7.239	77	1361	Below Cal	#	53
31) Cyclohexane	8.016	56	6160	1.110	ug/l #	11
36) 1,1-Dichloropropene	8.010	75	23797	5.812	ug/l #	49
38) Carbon Tetrachloride	8.022	117	30012	6.969	ug/l #	17
43) Isopropyl Acetate	8.739	43	2276	0.243	ug/l #	53
59) 2-Hexanone	11.033	43	1954	0.414	ug/l	63
71) Bromoform	12.663	173	1270	0.504	ug/l #	28
76) 1,2,3-Trichloropropane	12.668	75	115334	21.687	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	115334	58.570	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.186	180	947	0.226	ug/l	93
95) Naphthalene	15.427	128	6669	0.394	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.621	180	986	0.220	ug/l	87

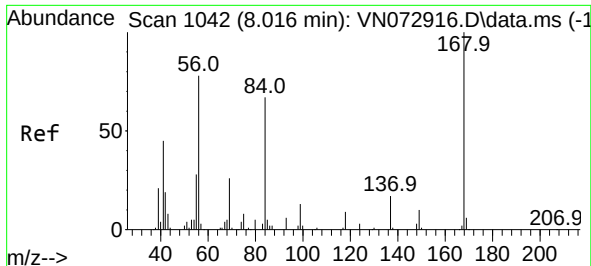
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

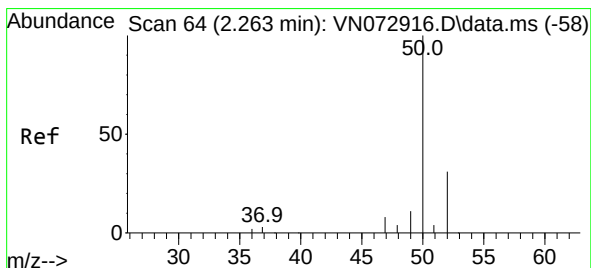
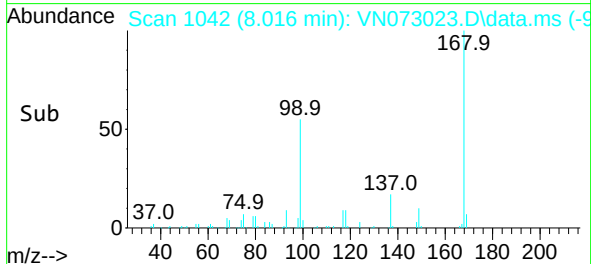
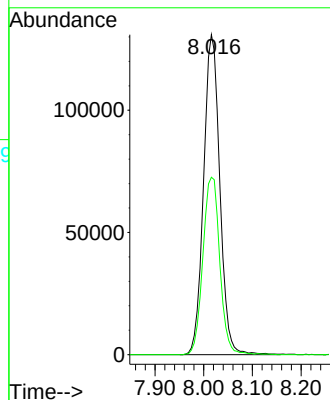
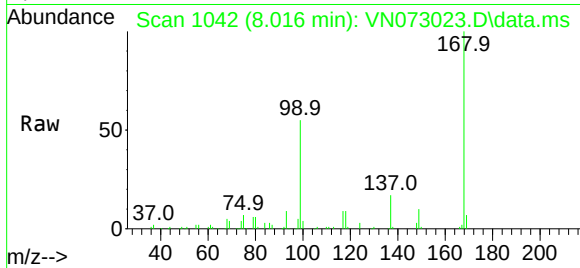




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073023.D
Acq: 22 Jun 2022 14:12

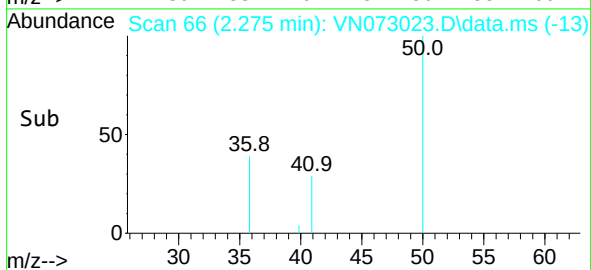
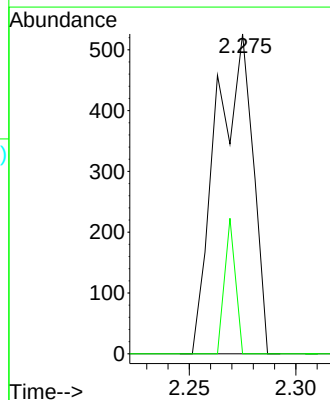
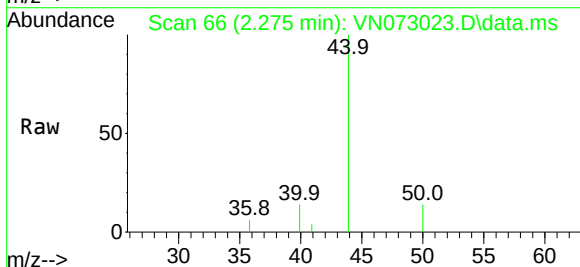
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL02

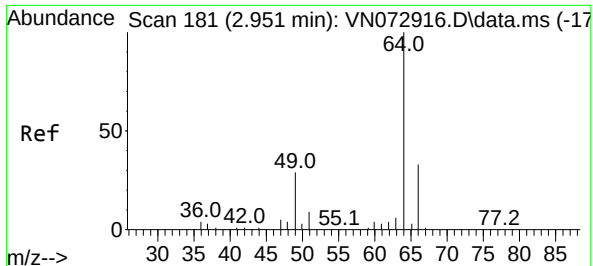
Tgt Ion:168 Resp: 303371
Ion Ratio Lower Upper
168 100
99 55.5 42.3 63.5



#3
Chloromethane
Concen: 0.770 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.012 min
Lab File: VN073023.D
Acq: 22 Jun 2022 14:12

Tgt Ion: 50 Resp: 629
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

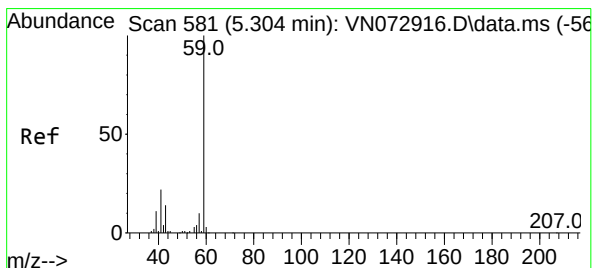
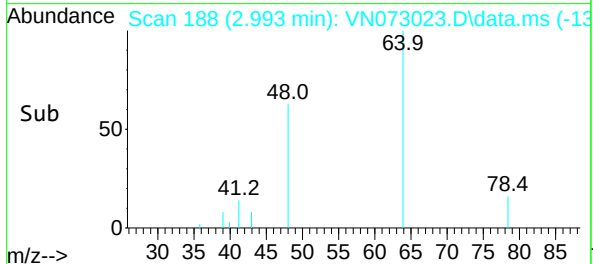
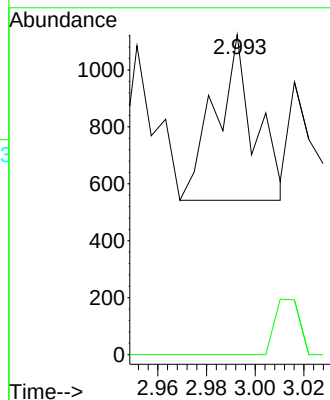
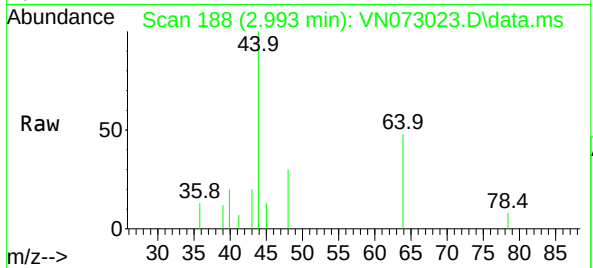




#6
Chloroethane
Concen: 0.399 ug/l
RT: 2.993 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN073023.D
Acq: 22 Jun 2022 14:12

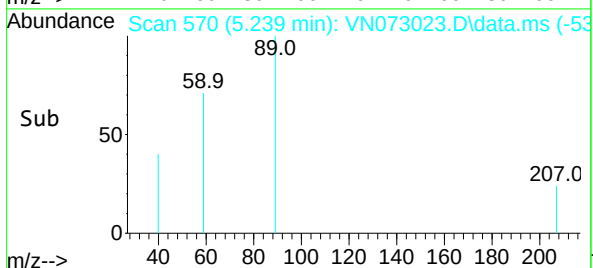
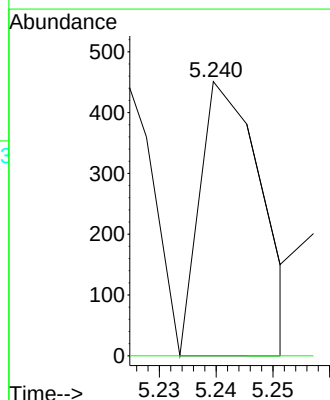
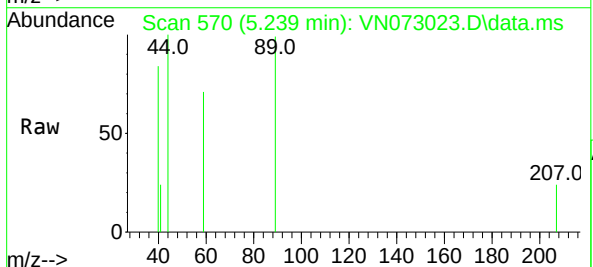
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL02

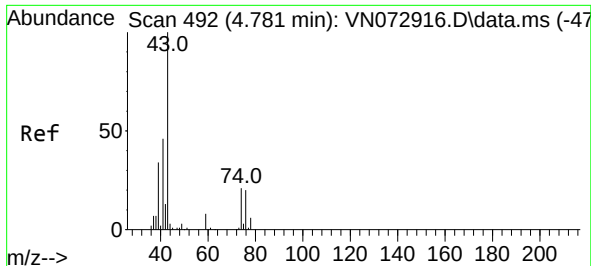
Tgt Ion: 64 Resp: 646
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.328 ug/l
RT: 5.239 min Scan# 570
Delta R.T. -0.065 min
Lab File: VN073023.D
Acq: 22 Jun 2022 14:12

Tgt Ion: 59 Resp: 347
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

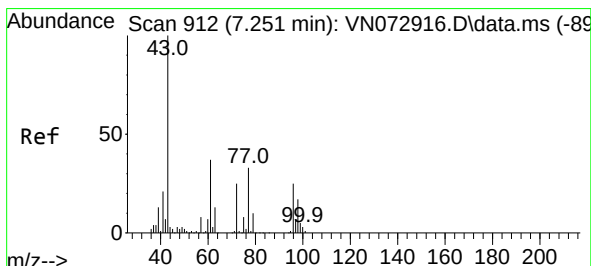
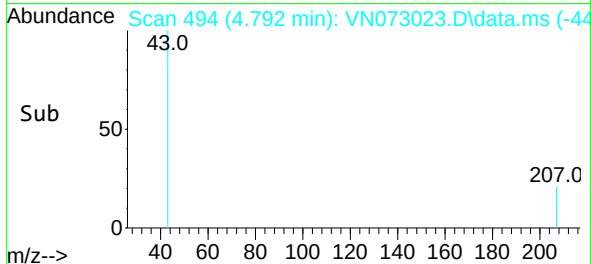
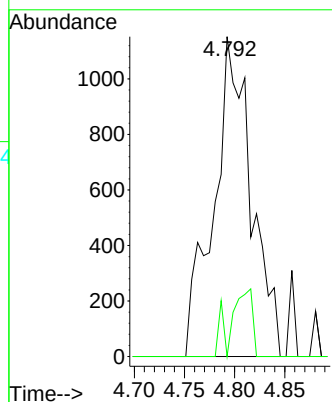
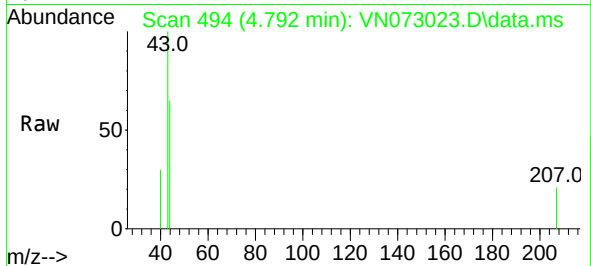




#18
Methyl Acetate
Concen: 0.501 ug/l
RT: 4.792 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN073023.D
Acq: 22 Jun 2022 14:12

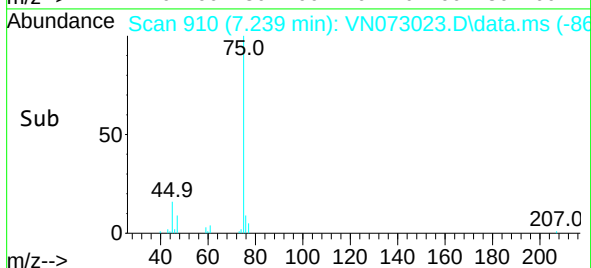
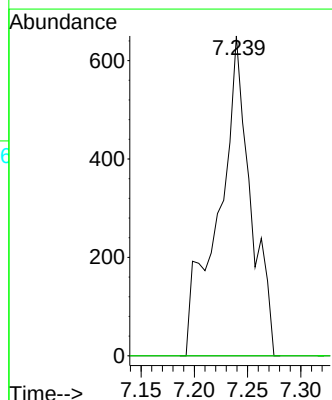
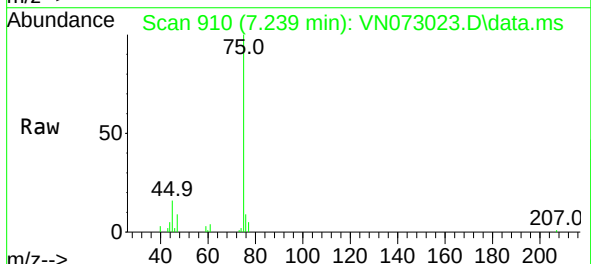
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL02

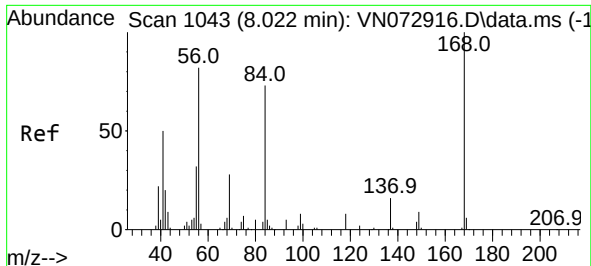
Tgt Ion: 43 Resp: 3006
Ion Ratio Lower Upper
43 100
74 2.4 21.6 32.4#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.239 min Scan# 910
Delta R.T. -0.012 min
Lab File: VN073023.D
Acq: 22 Jun 2022 14:12

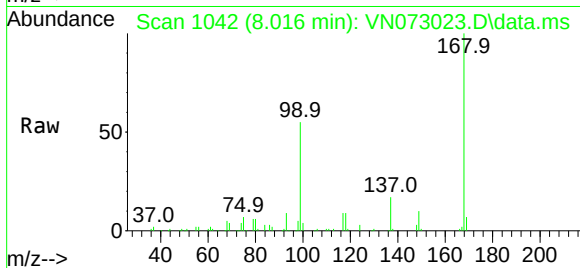
Tgt Ion: 77 Resp: 1361
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



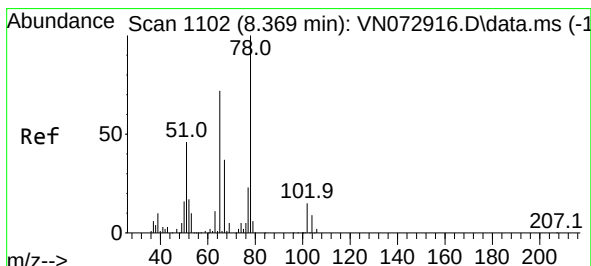
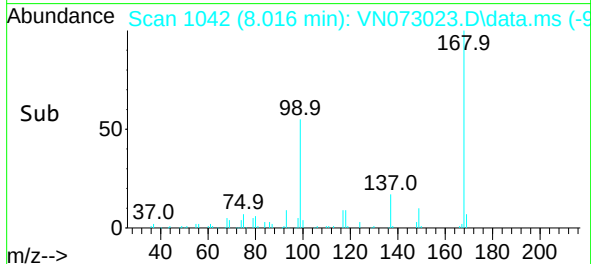
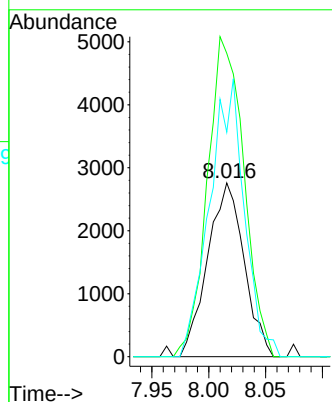


#31
Cyclohexane
Concen: 1.110 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073023.D
Acq: 22 Jun 2022 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL02

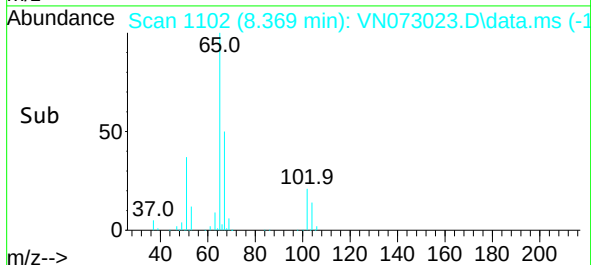
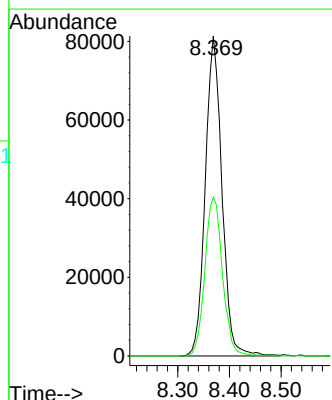
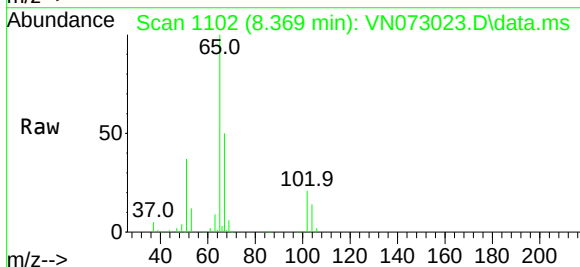


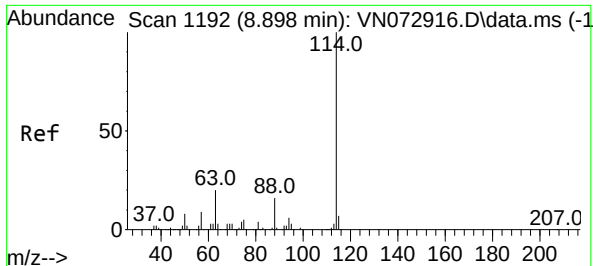
Tgt Ion: 56 Resp: 6160
Ion Ratio Lower Upper
56 100
69 174.5 27.8 41.8#
84 129.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 44.454 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073023.D
Acq: 22 Jun 2022 14:12

Tgt Ion: 65 Resp: 182328
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073023.D

Acq: 22 Jun 2022 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBL02

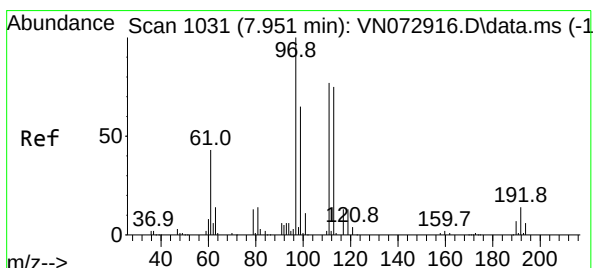
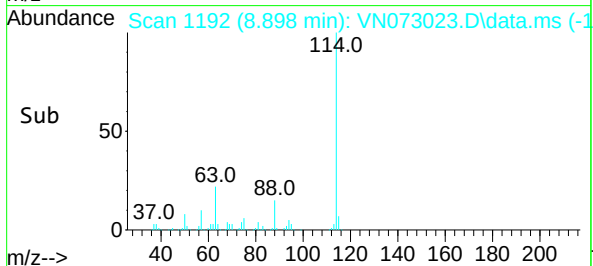
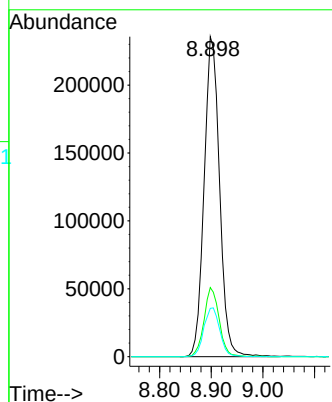
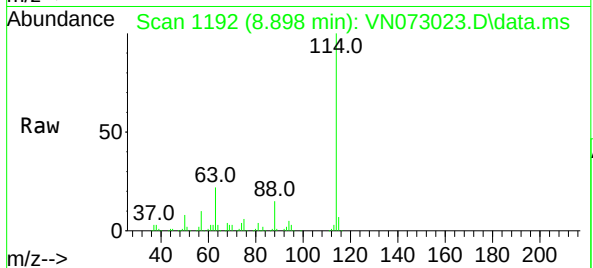
Tgt Ion:114 Resp: 489560

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.279 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073023.D

Acq: 22 Jun 2022 14:12

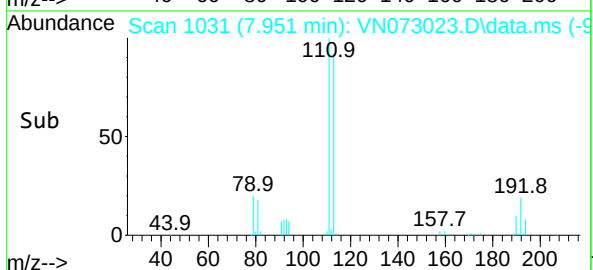
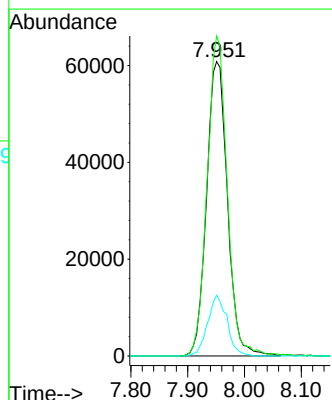
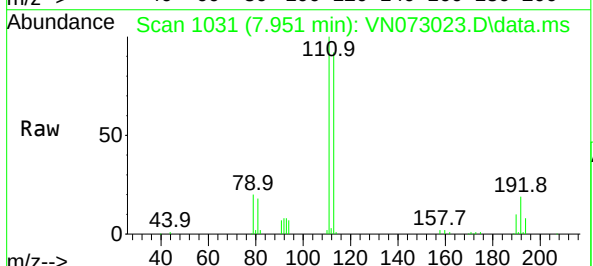
Tgt Ion:113 Resp: 155166

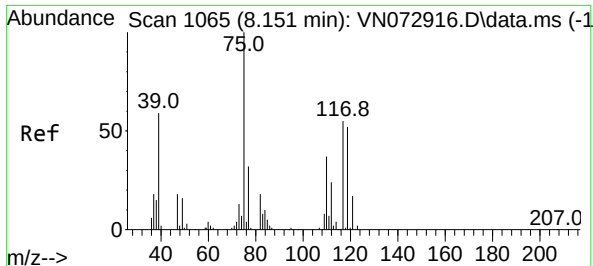
Ion Ratio Lower Upper

113 100

111 104.4 81.4 122.0

192 19.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.812 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.141 min

Lab File: VN073023.D

Acq: 22 Jun 2022 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBL02

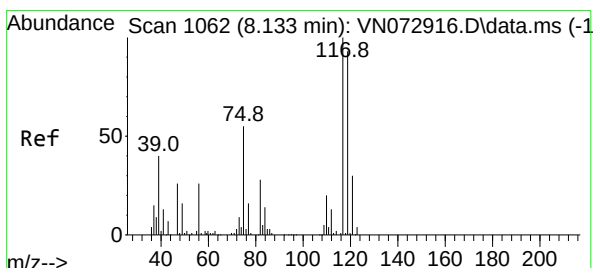
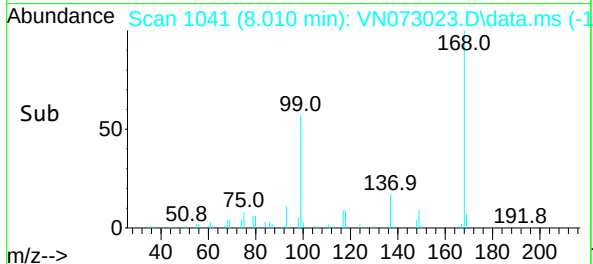
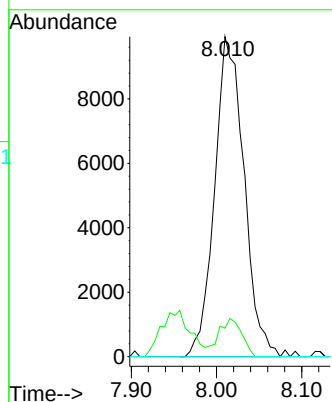
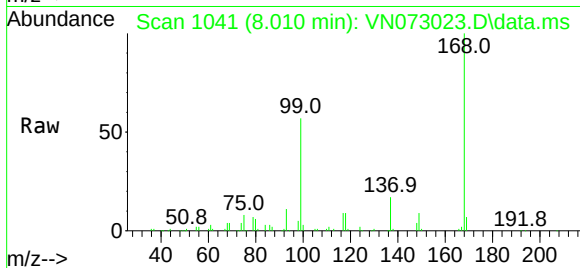
Tgt Ion: 75 Resp: 23797

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.969 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.112 min

Lab File: VN073023.D

Acq: 22 Jun 2022 14:12

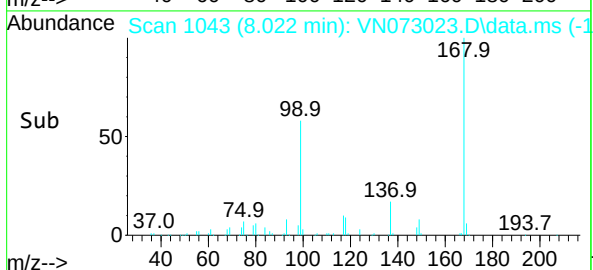
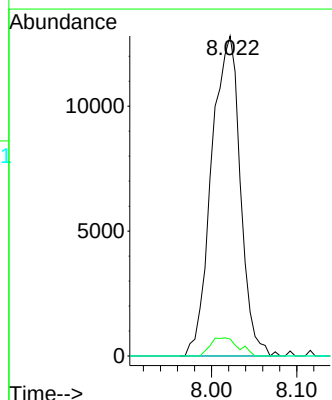
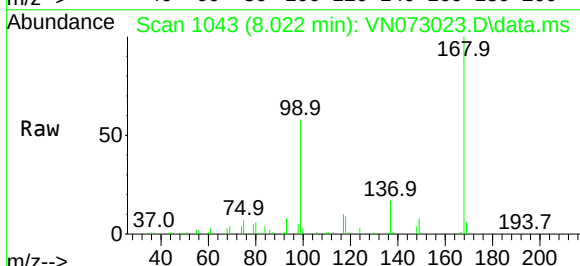
Tgt Ion: 117 Resp: 30012

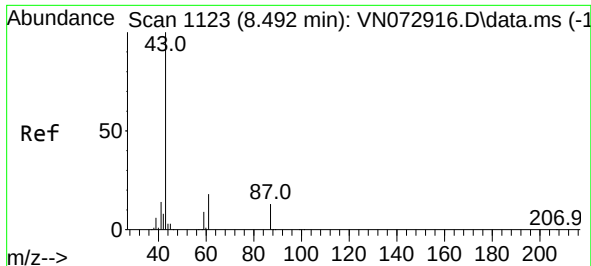
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.8#

121 0.0 24.6 37.0#

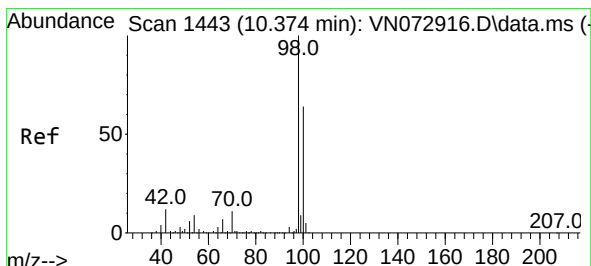
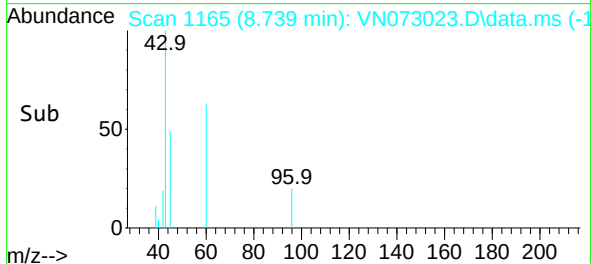
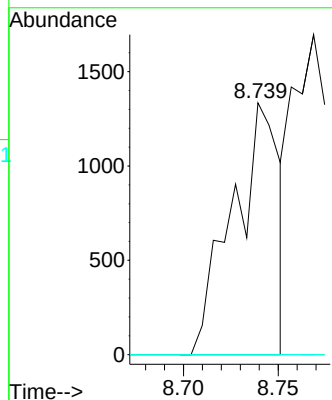
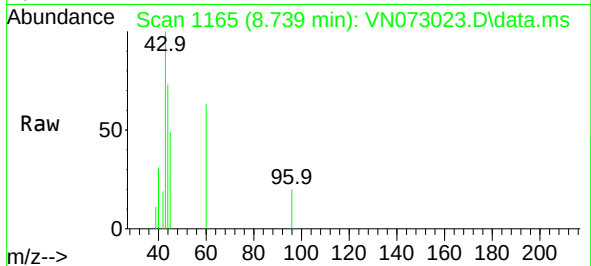




#43
Isopropyl Acetate
Concen: 0.243 ug/l
RT: 8.739 min Scan# 1123
Delta R.T. 0.247 min
Lab File: VN073023.D
Acq: 22 Jun 2022 14:12

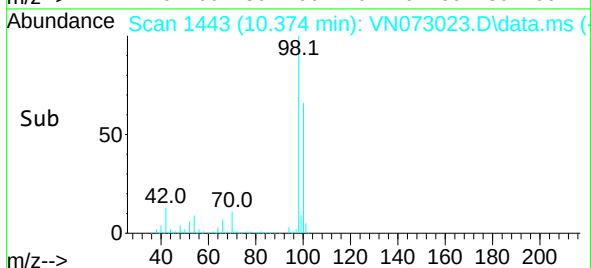
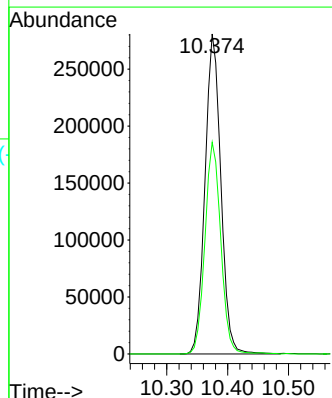
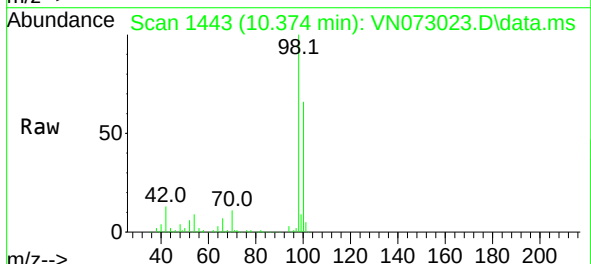
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL02

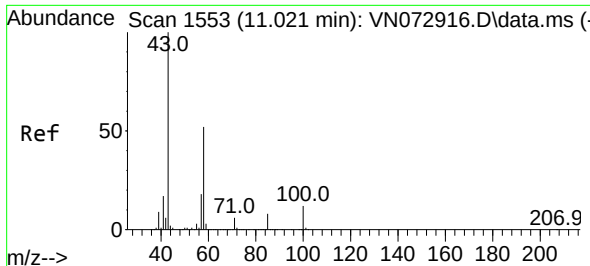
Tgt Ion: 43 Resp: 2276
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 45.156 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073023.D
Acq: 22 Jun 2022 14:12

Tgt Ion: 98 Resp: 508437
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

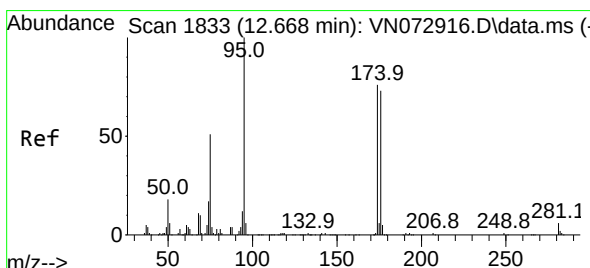
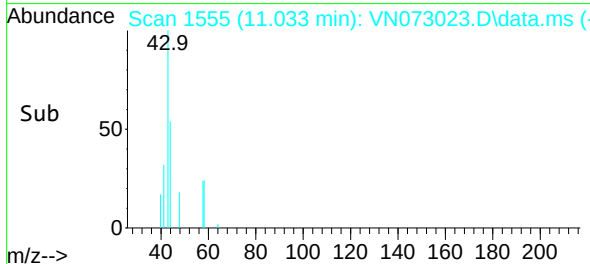
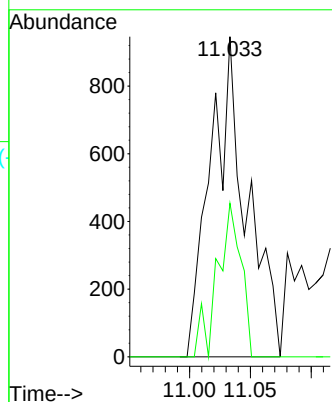
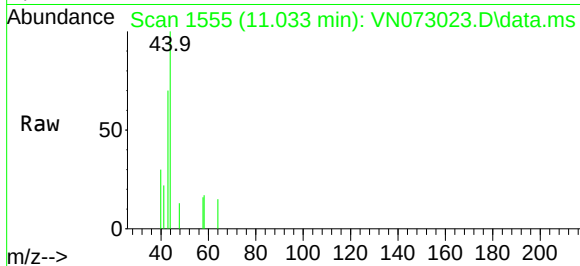




#59
2-Hexanone
Concen: 0.414 ug/l
RT: 11.033 min Scan# 1155
Delta R.T. 0.012 min
Lab File: VN073023.D
Acq: 22 Jun 2022 14:12

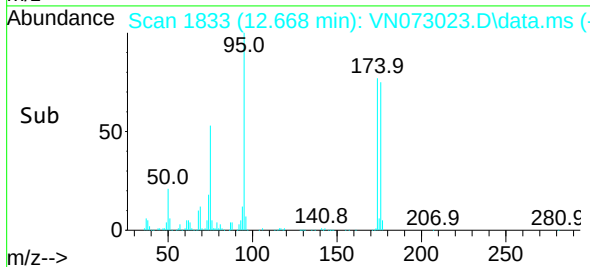
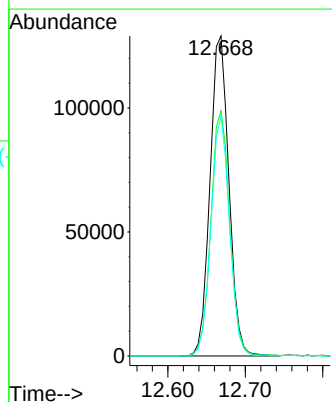
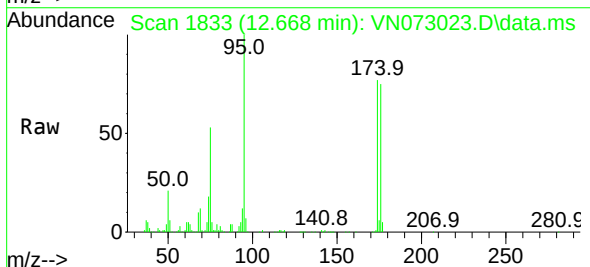
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL02

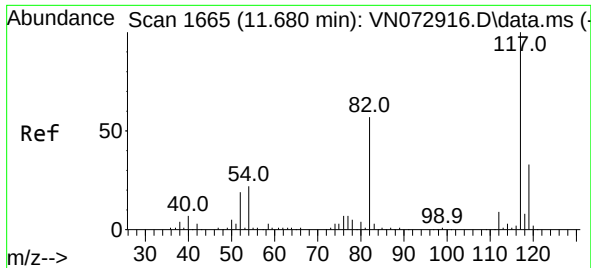
Tgt Ion: 43 Resp: 1954
Ion Ratio Lower Upper
43 100
58 31.3 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 53.977 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073023.D
Acq: 22 Jun 2022 14:12

Tgt Ion: 95 Resp: 218541
Ion Ratio Lower Upper
95 100
174 76.5 0.0 167.6
176 73.8 0.0 163.4

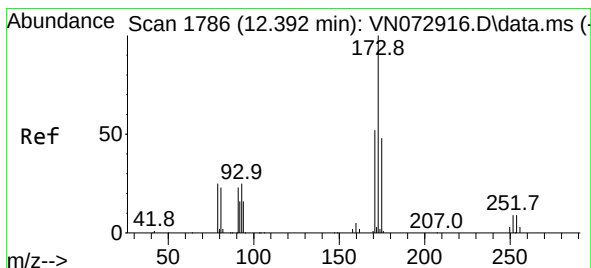
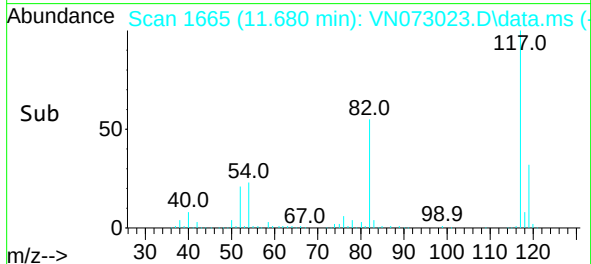
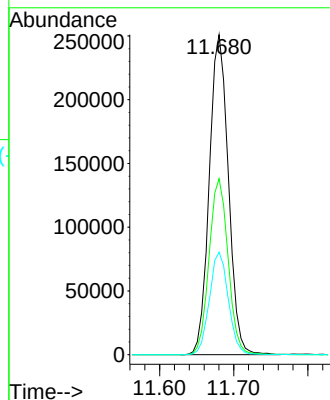
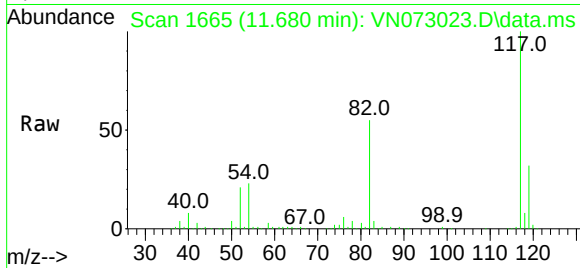




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073023.D
Acq: 22 Jun 2022 14:12

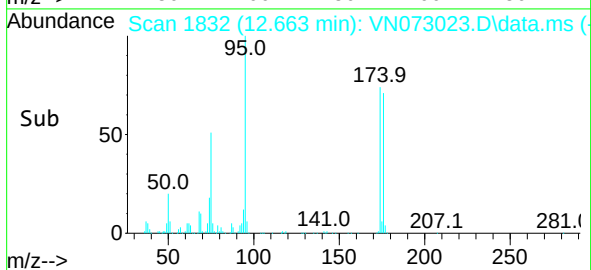
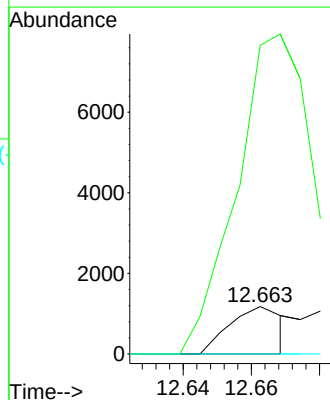
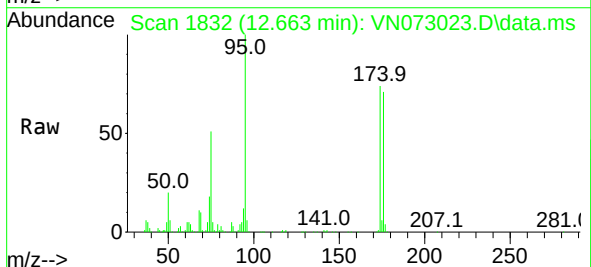
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBL02

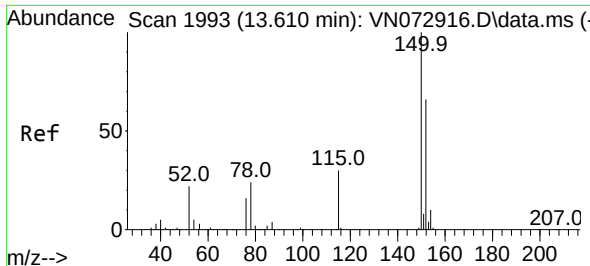
Tgt Ion:117 Resp: 449243
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.0 25.4 38.0



#71
Bromoform
Concen: 0.504 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.271 min
Lab File: VN073023.D
Acq: 22 Jun 2022 14:12

Tgt Ion:173 Resp: 1270
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

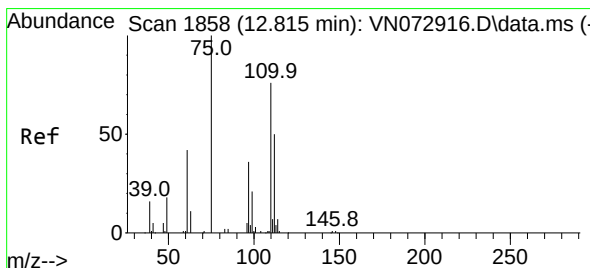
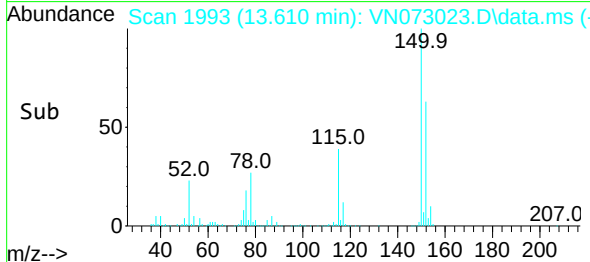
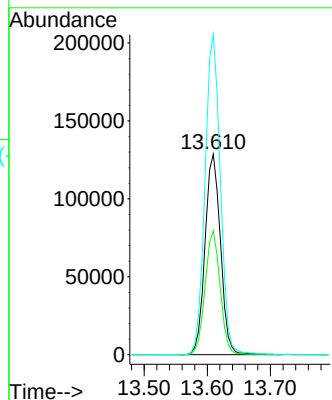
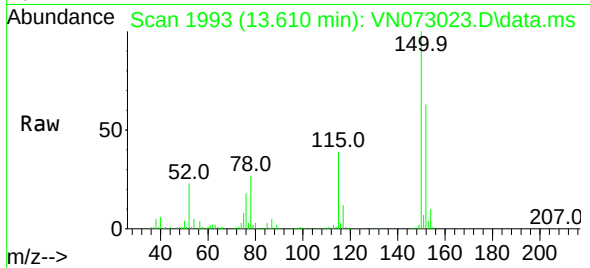




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN073023.D
 Acq: 22 Jun 2022 14:12

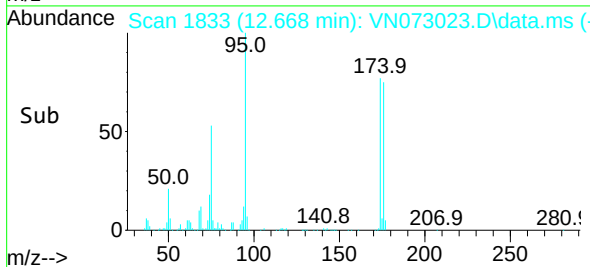
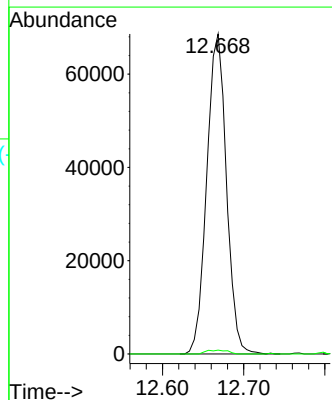
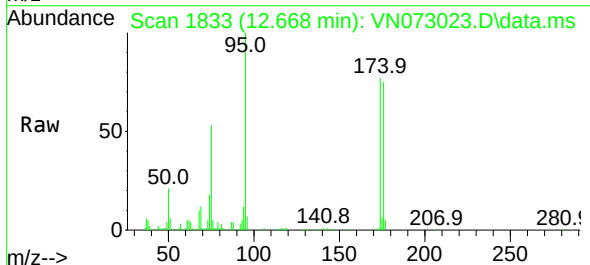
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBL02

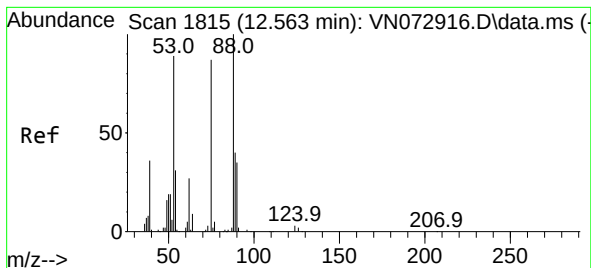
Tgt Ion:152 Resp: 219345
 Ion Ratio Lower Upper
 152 100
 115 60.3 28.9 86.7
 150 158.2 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.687 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073023.D
 Acq: 22 Jun 2022 14:12

Tgt Ion: 75 Resp: 115334
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

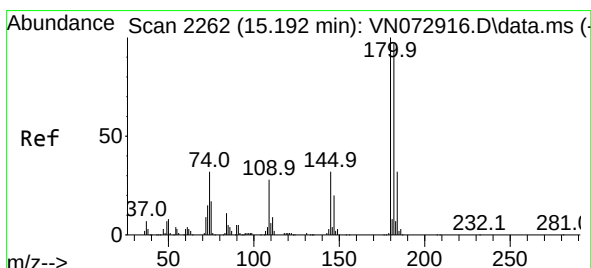
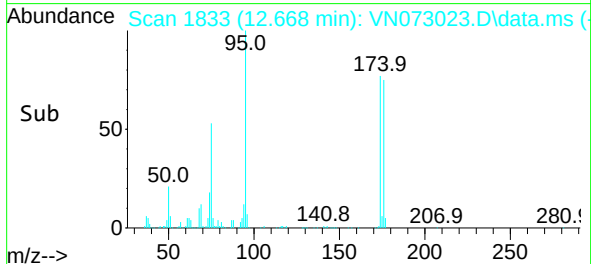
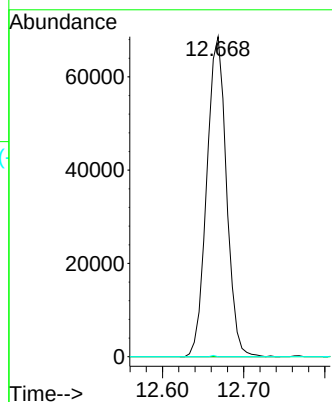
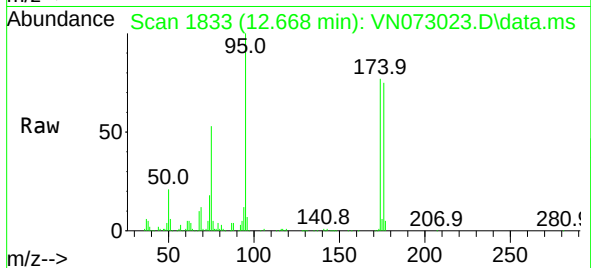




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.570 ug/l
 RT: 12.668 min Scan# 1815
 Delta R.T. 0.106 min
 Lab File: VN073023.D
 Acq: 22 Jun 2022 14:12

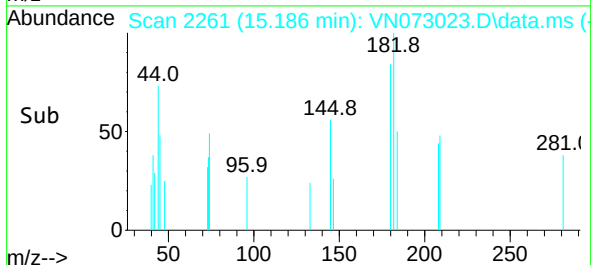
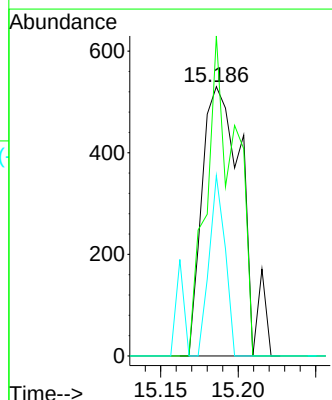
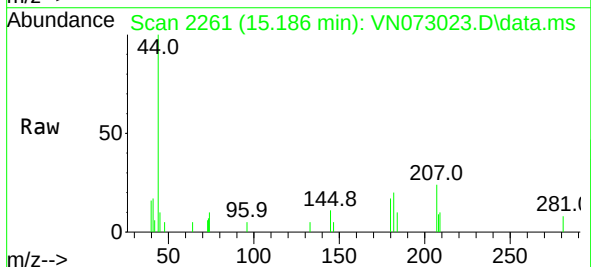
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBL02

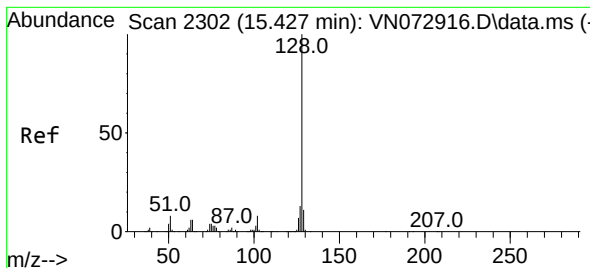
Tgt Ion: 75 Resp: 115334
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.1 37.2 55.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.226 ug/l
 RT: 15.186 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: VN073023.D
 Acq: 22 Jun 2022 14:12

Tgt Ion: 180 Resp: 947
 Ion Ratio Lower Upper
 180 100
 182 87.6 47.5 142.5
 145 26.7 14.5 43.5





#95

Naphthalene

Concen: 0.394 ug/l

RT: 15.427 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073023.D

Acq: 22 Jun 2022 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBL02

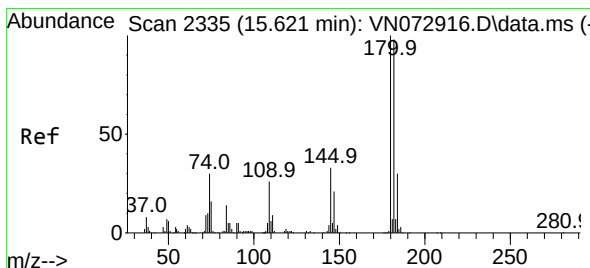
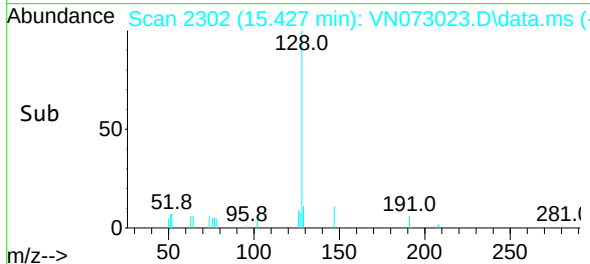
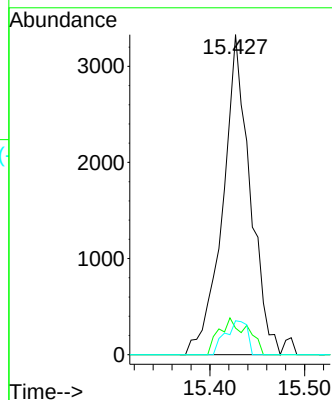
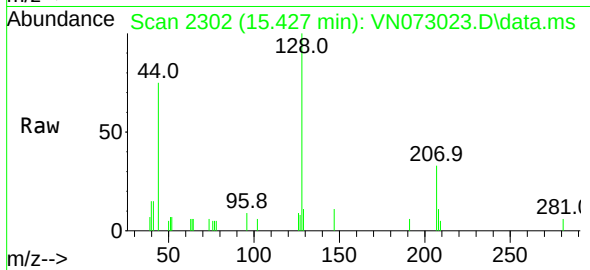
Tgt Ion:128 Resp: 6669

Ion Ratio Lower Upper

128 100

127 11.9 10.3 15.5

129 8.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.220 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN073023.D

Acq: 22 Jun 2022 14:12

Tgt Ion:180 Resp: 986

Ion Ratio Lower Upper

180 100

182 112.1 47.8 143.3

145 29.9 15.5 46.5

