

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073324.D
 Acq On : 05 Jul 2022 18:50
 Operator : JC\MD
 Sample : N3575-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 06 01:16:37 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)

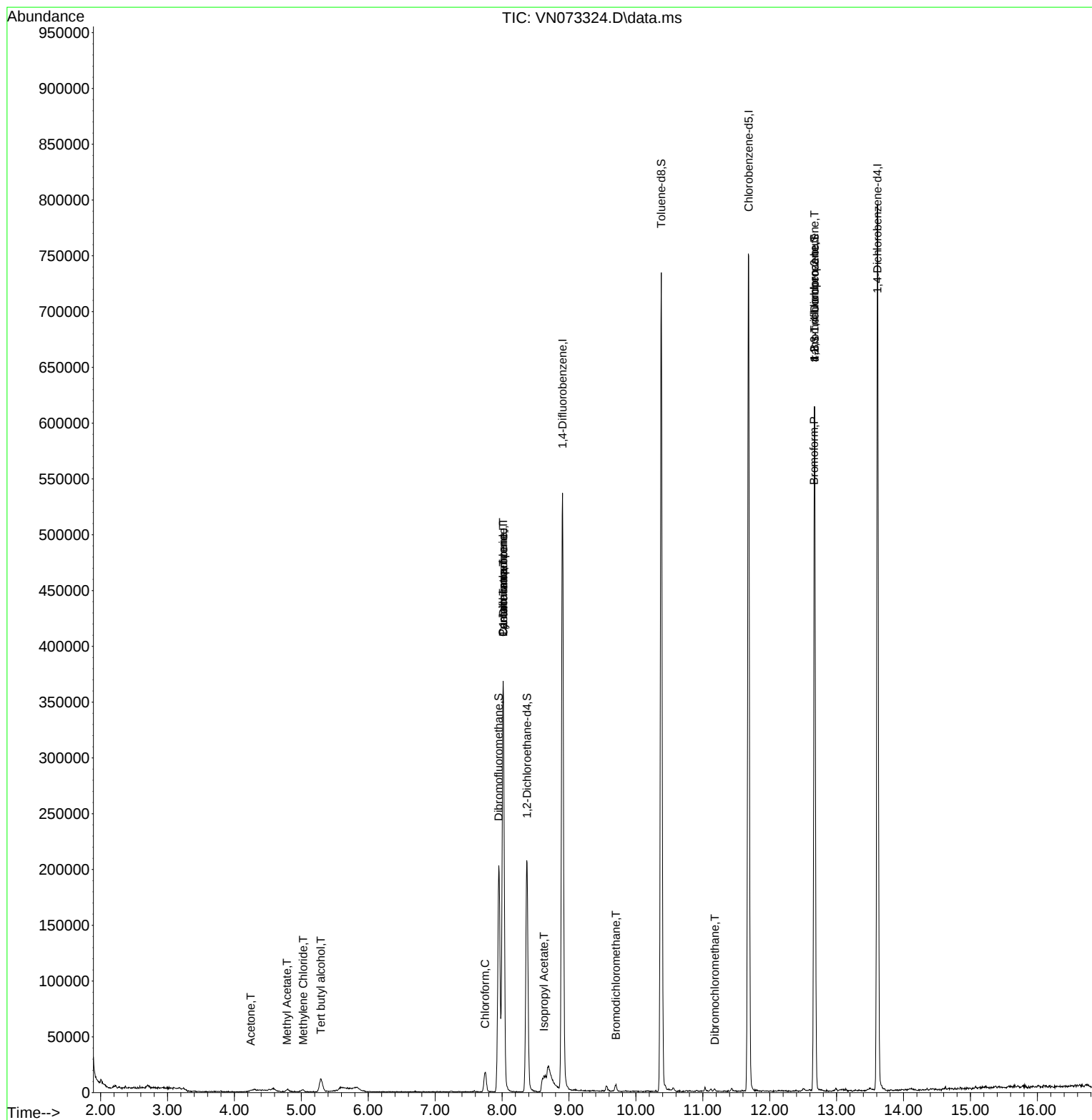
Internal Standards						
1) Pentafluorobenzene	8.016	168	279738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	468919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	430311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	208222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	176803	43.781	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.560%		
35) Dibromofluoromethane	7.951	113	147114	47.155	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.320%		
50) Toluene-d8	10.380	98	495547	44.723	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.440%		
62) 4-Bromofluorobenzene	12.668	95	215724	50.661	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.320%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.292	59	20735	21.196	ug/l #	87
16) Acetone	4.245	43	2278	1.005	ug/l	98
18) Methyl Acetate	4.787	43	4727	0.744	ug/l	93
20) Methylene Chloride	5.028	84	1369	0.344	ug/l #	53
30) Chloroform	7.745	83	18329	2.717	ug/l	86
31) Cyclohexane	8.016	56	6474	0.979	ug/l #	25
36) 1,1-Dichloropropene	8.016	75	22578	4.703	ug/l #	49
38) Carbon Tetrachloride	8.016	117	29041	5.850	ug/l #	17
43) Isopropyl Acetate	8.627	43	14265	1.368	ug/l #	54
47) Bromodichloromethane	9.704	83	4236	0.853	ug/l	88
60) Dibromochloromethane	11.180	129	926	0.258	ug/l	78
71) Bromoform	12.662	173	1170	0.447	ug/l #	28
76) 1,2,3-Trichloropropane	12.668	75	113624	20.869	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	113624	57.233	ug/l #	10

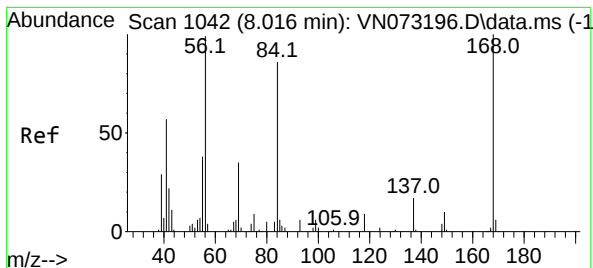
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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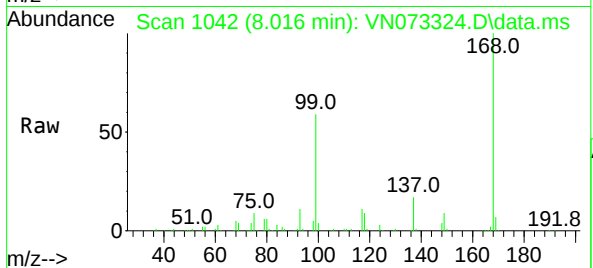
Quant Time: Jul 06 01:16:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
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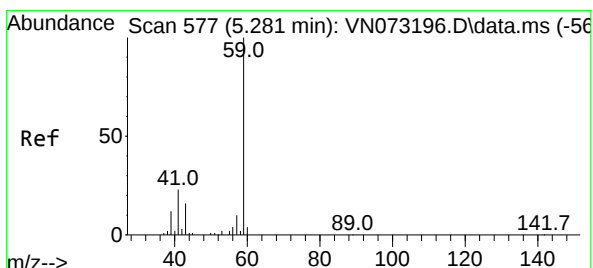
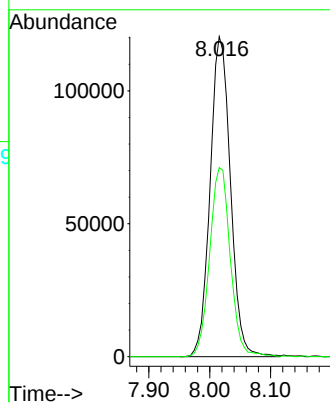
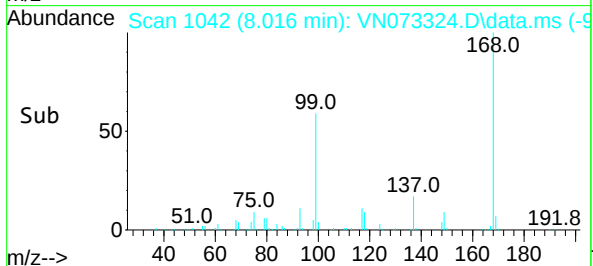


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

Instrument :
MSVOA_N
ClientSampleId :

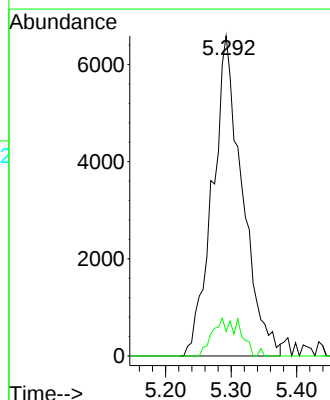
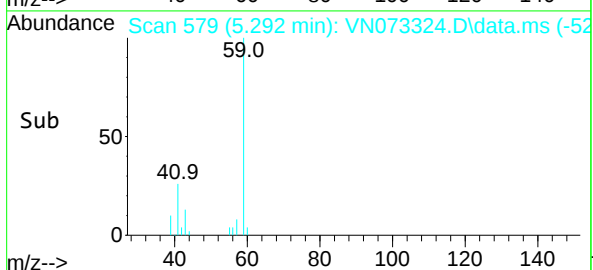
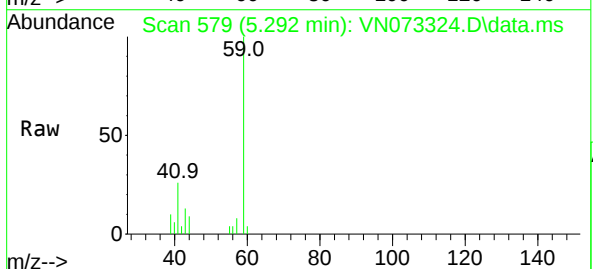


Tgt Ion:168 Resp: 279738
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5



#11
Tert butyl alcohol
Concen: 21.196 ug/l
RT: 5.292 min Scan# 579
Delta R.T. 0.011 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

Tgt Ion: 59 Resp: 20735
Ion Ratio Lower Upper
59 100
57 5.6 8.3 12.5#

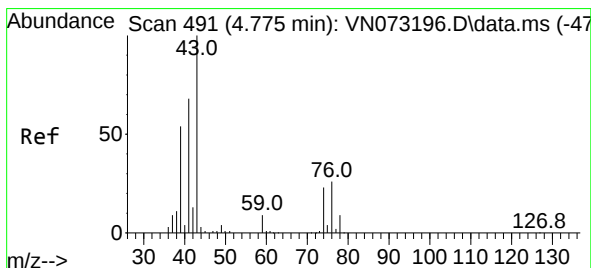
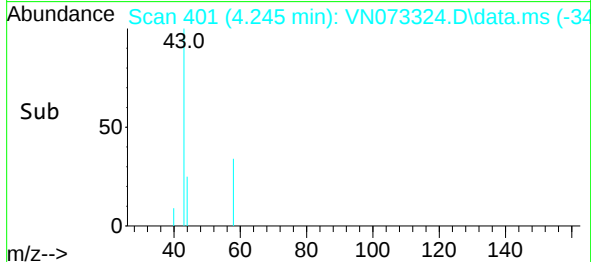
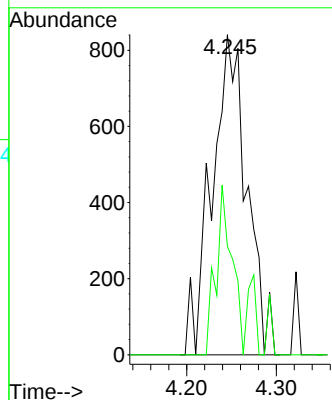
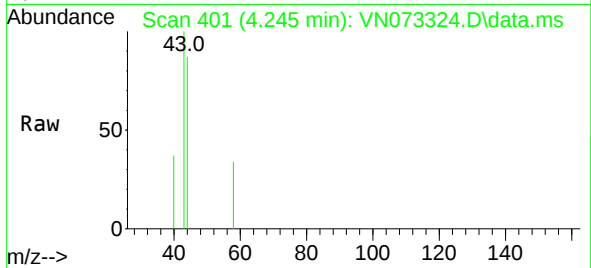




#16
Acetone
Concen: 1.005 ug/l
RT: 4.245 min Scan# 401
Delta R.T. 0.023 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

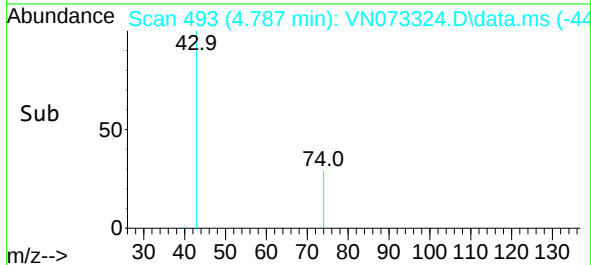
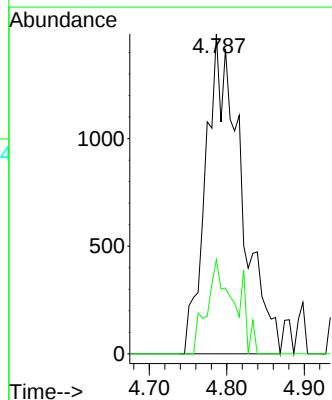
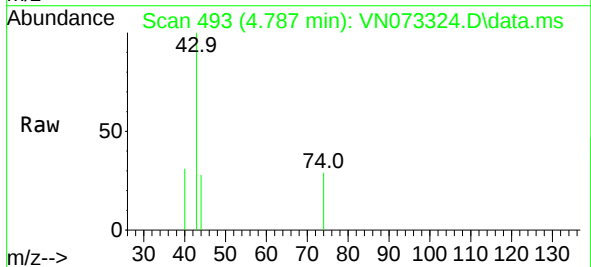
Instrument :
MSVOA_N
ClientSampleId :

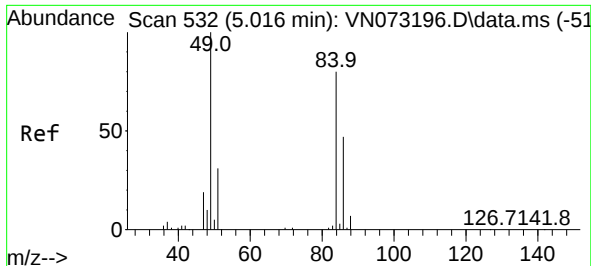
Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
58 33.9 26.0 39.0



#18
Methyl Acetate
Concen: 0.744 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.012 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

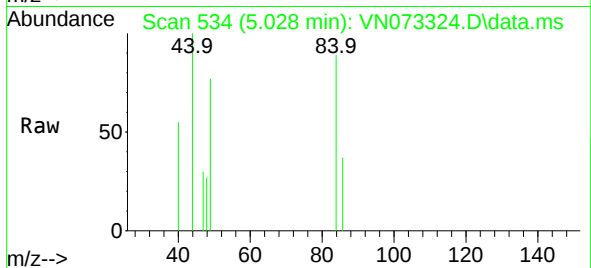
Tgt Ion: 43 Resp: 4727
Ion Ratio Lower Upper
43 100
74 23.3 21.6 32.4



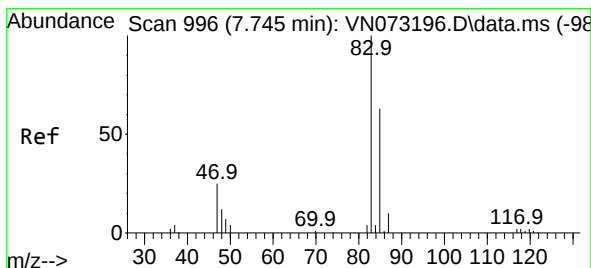
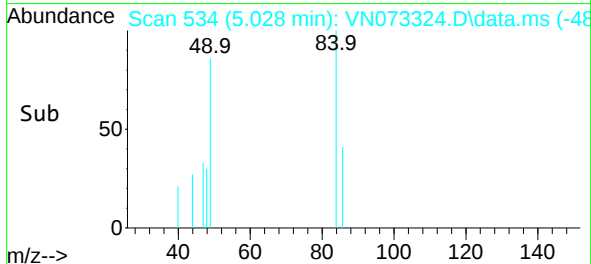
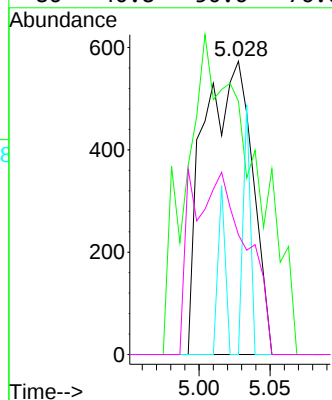


#20
Methylene Chloride
Concen: 0.344 ug/l
RT: 5.028 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

Instrument :
MSVOA_N
ClientSampleId :

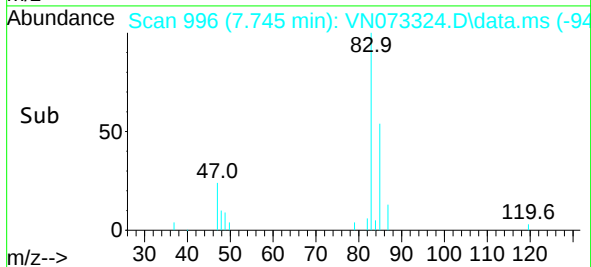
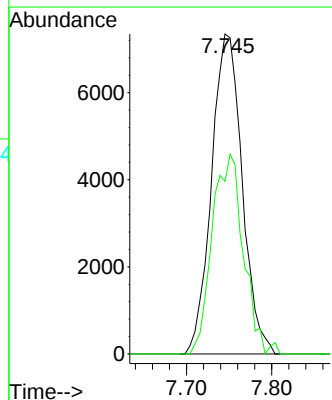
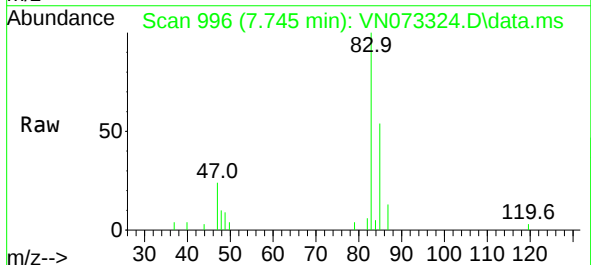


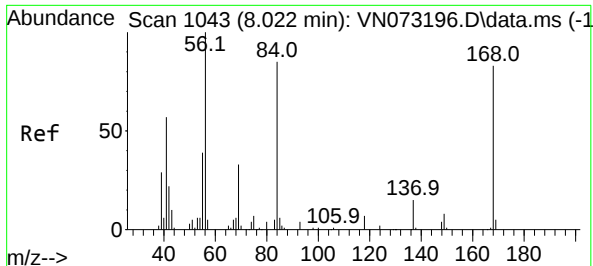
Tgt Ion: 84 Resp: 1369
Ion Ratio Lower Upper
84 100
49 55.0 88.3 132.5#
51 0.0 28.2 42.2#
86 40.8 50.6 76.0#



#30
Chloroform
Concen: 2.717 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

Tgt Ion: 83 Resp: 18329
Ion Ratio Lower Upper
83 100
85 54.0 51.8 77.8





#31

Cyclohexane

Concen: 0.979 ug/l

RT: 8.016 min Scan# 1103

Delta R.T. -0.006 min

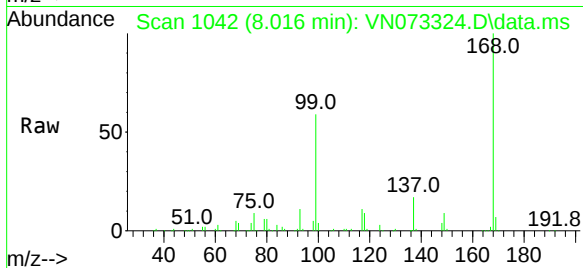
Lab File: VN073324.D

Acq: 05 Jul 2022 18:50

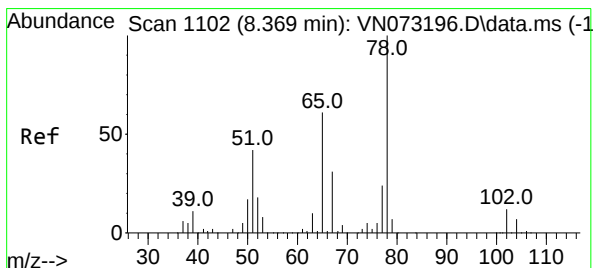
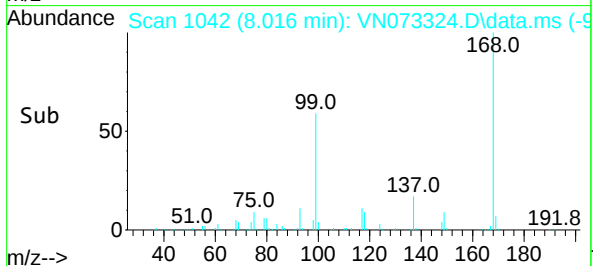
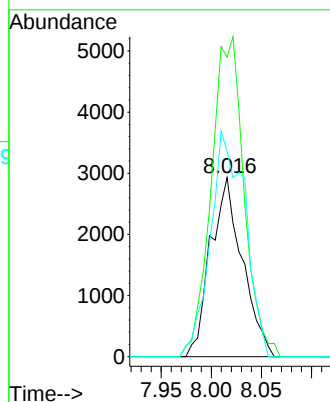
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	56	Resp:	6474
Ion Ratio	100	Lower	Upper
56	100		
69	167.4	27.8	41.8#
84	114.6	76.9	115.3



#33

1,2-Dichloroethane-d4

Concen: 43.781 ug/l

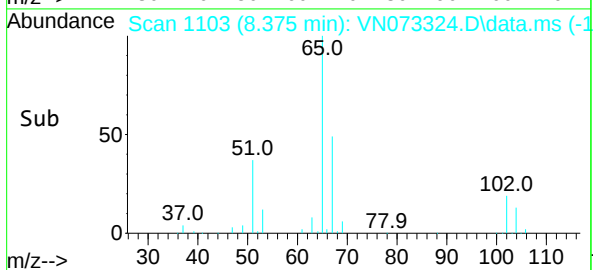
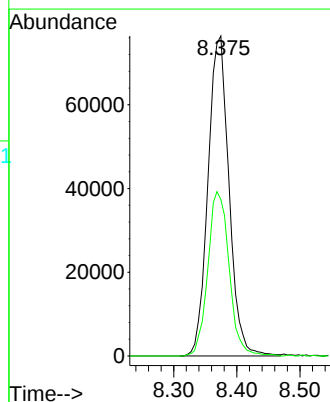
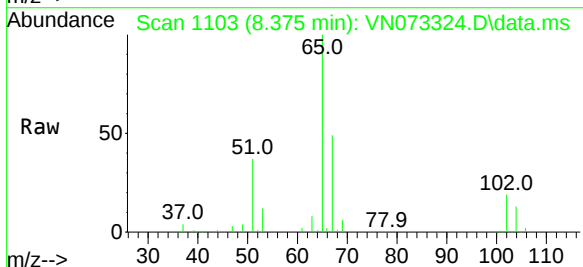
RT: 8.375 min Scan# 1103

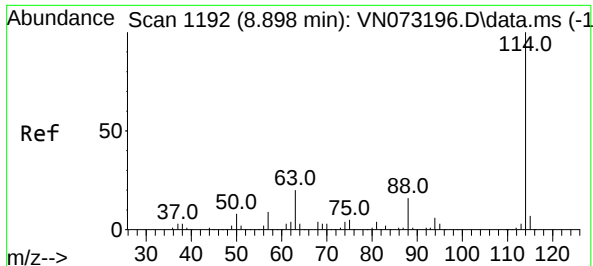
Delta R.T. 0.006 min

Lab File: VN073324.D

Acq: 05 Jul 2022 18:50

Tgt Ion:	65	Resp:	176803
Ion Ratio	100	Lower	Upper
65	100		
67	52.2	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: VN073324.D

Acq: 05 Jul 2022 18:50

Instrument :

MSVOA_N

ClientSampleId :

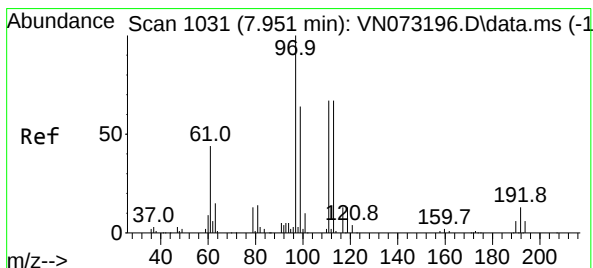
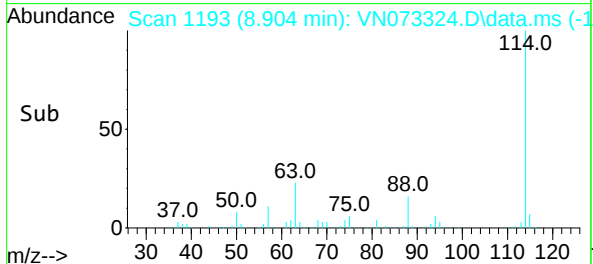
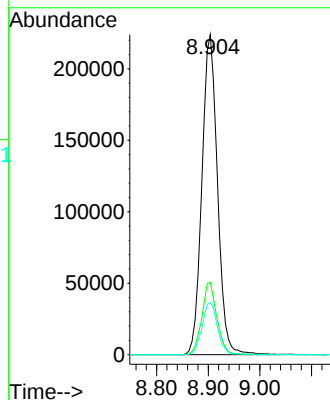
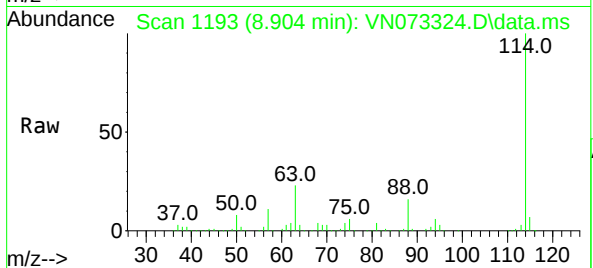
Tgt Ion:114 Resp: 468919

Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.155 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073324.D

Acq: 05 Jul 2022 18:50

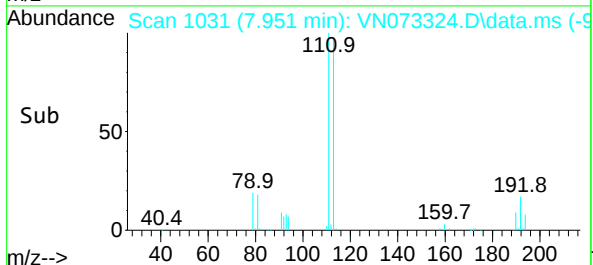
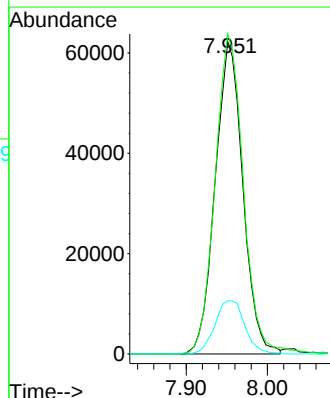
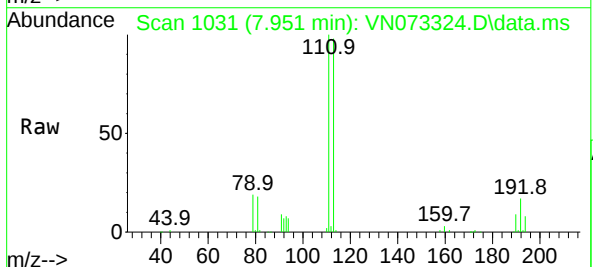
Tgt Ion:113 Resp: 147114

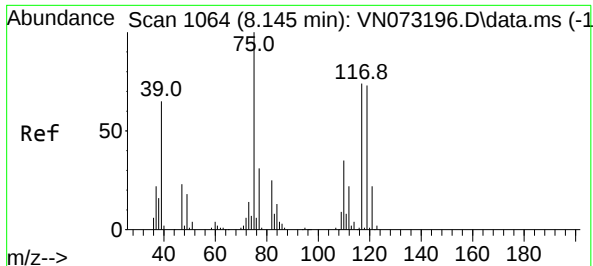
Ion Ratio Lower Upper

113 100

111 105.0 81.4 122.0

192 18.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.703 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073324.D

Acq: 05 Jul 2022 18:50

Instrument :

MSVOA_N

ClientSampleId :

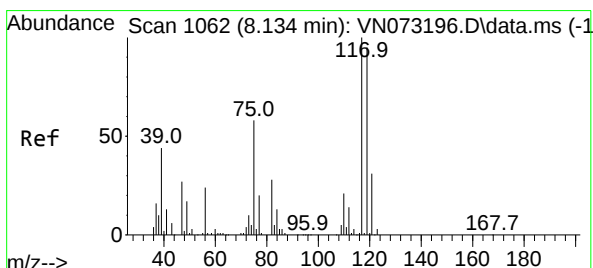
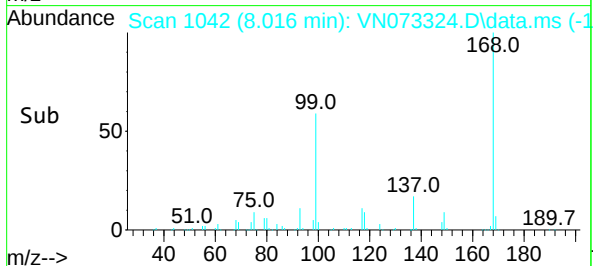
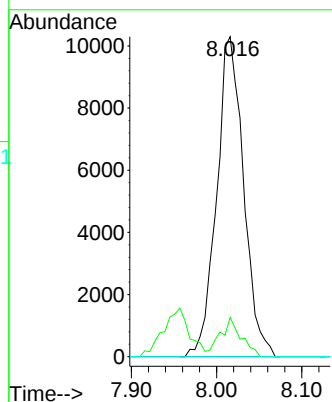
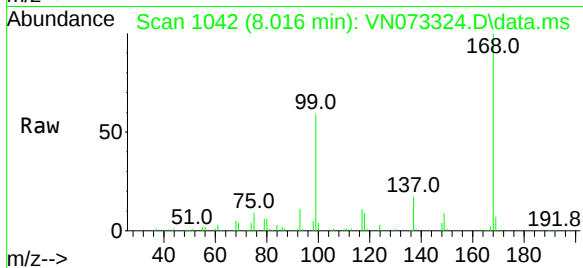
Tgt Ion: 75 Resp: 22578

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.850 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073324.D

Acq: 05 Jul 2022 18:50

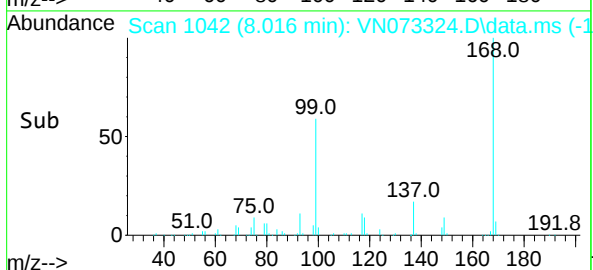
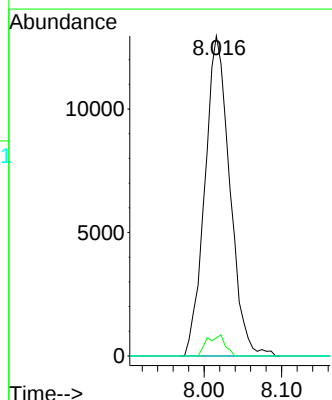
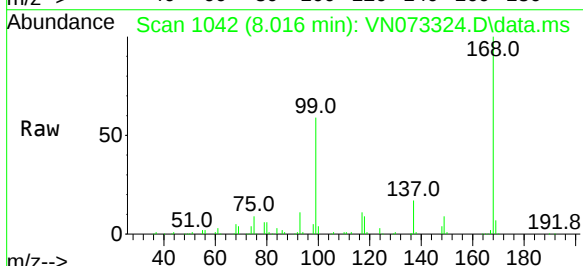
Tgt Ion: 117 Resp: 29041

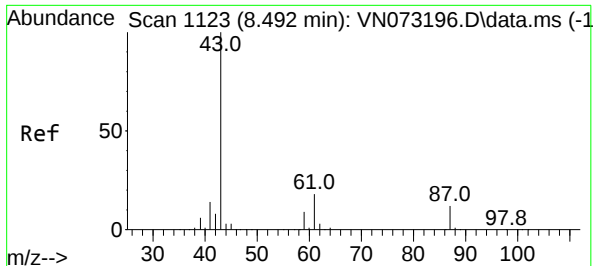
Ion Ratio Lower Upper

117 100

119 5.7 75.8 113.8#

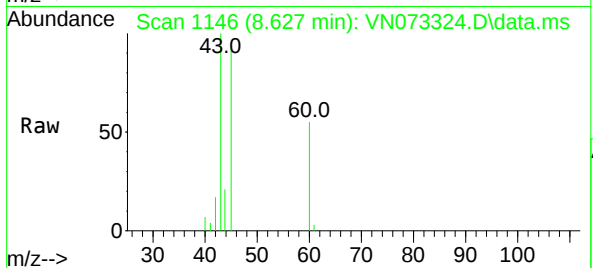
121 0.0 24.6 37.0#



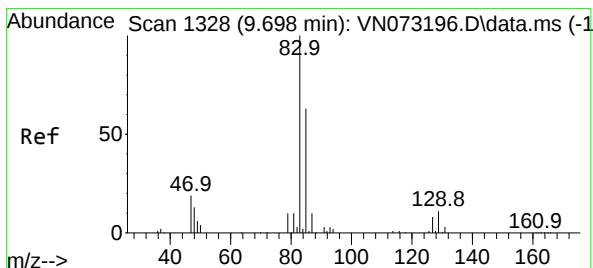
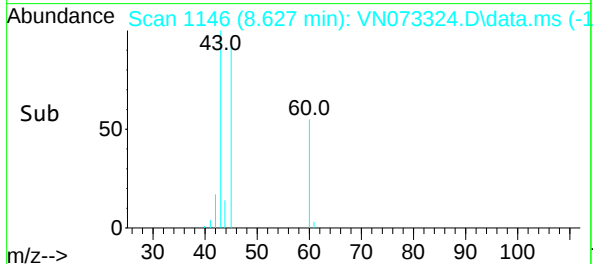
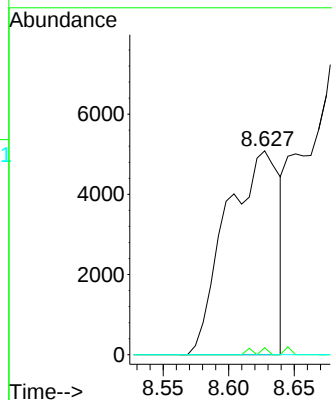


#43
Isopropyl Acetate
Concen: 1.368 ug/l
RT: 8.627 min Scan# 1123
Delta R.T. 0.135 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

Instrument :
MSVOA_N
ClientSampleId :

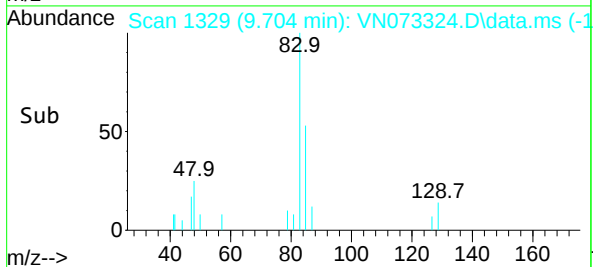
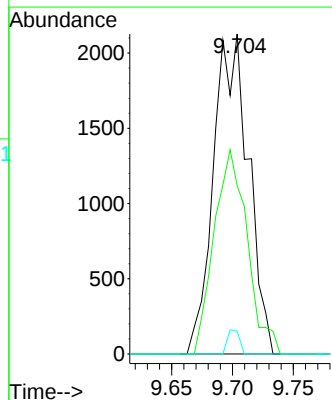
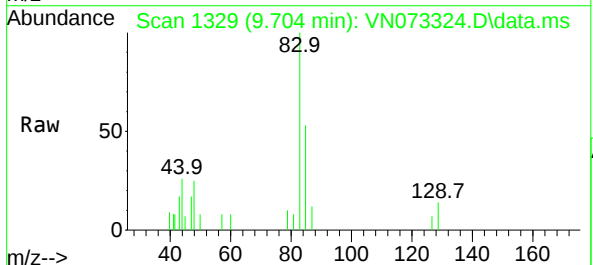


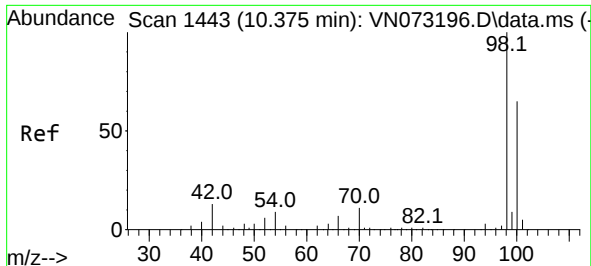
Tgt Ion: 43 Resp: 14265
Ion Ratio Lower Upper
43 100
61 0.8 21.9 32.9#
87 0.0 12.0 18.0#



#47
Bromodichloromethane
Concen: 0.853 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

Tgt Ion: 83 Resp: 4236
Ion Ratio Lower Upper
83 100
85 52.7 50.5 75.7
127 7.1 6.8 10.2

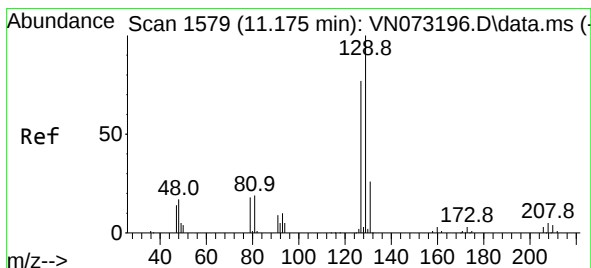
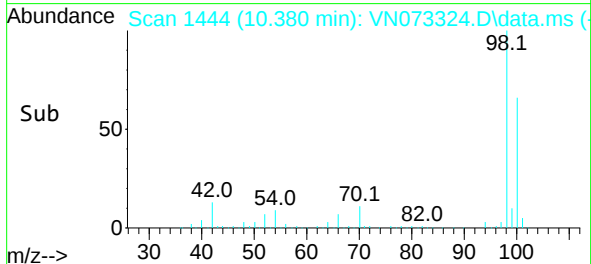
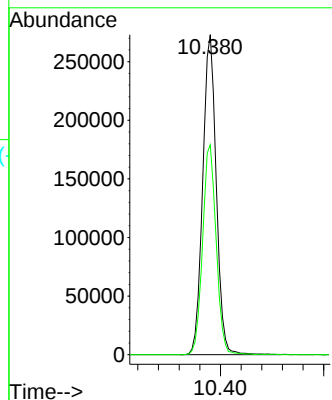
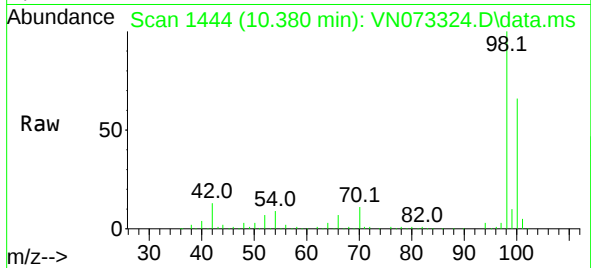




#50
Toluene-d8
Concen: 44.723 ug/l
RT: 10.380 min Scan# 14
Delta R.T. 0.005 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

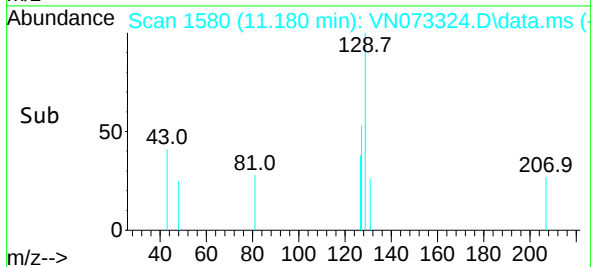
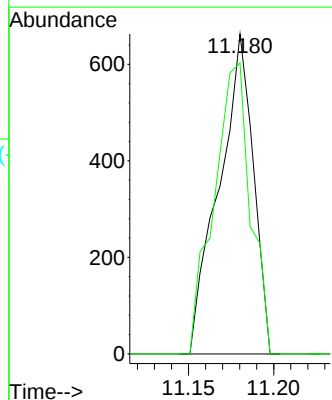
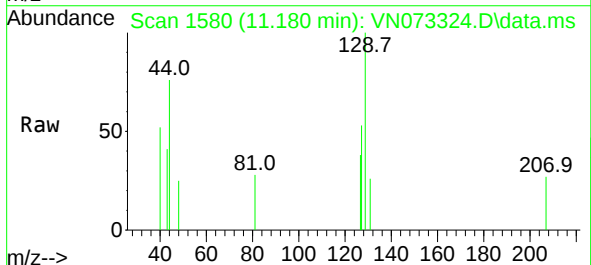
Instrument :
MSVOA_N
ClientSampleId :

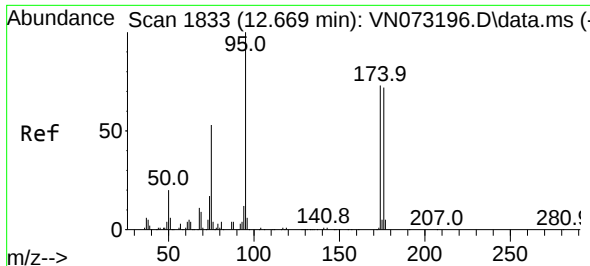
Tgt Ion: 98 Resp: 495547
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



#60
Dibromochloromethane
Concen: 0.258 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.005 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

Tgt Ion:129 Resp: 926
Ion Ratio Lower Upper
129 100
127 97.0 38.8 116.4

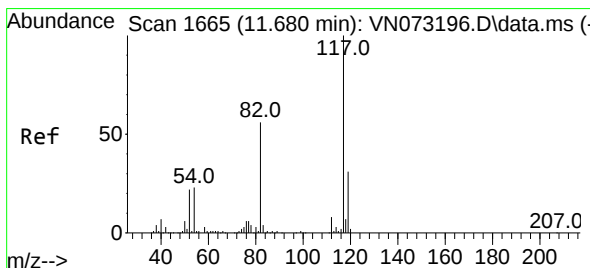
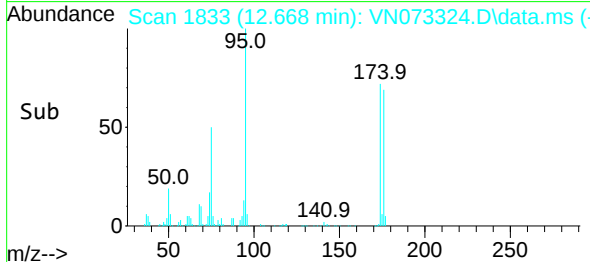
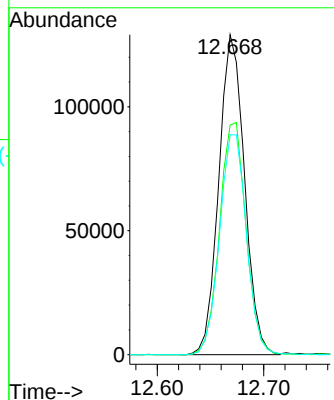
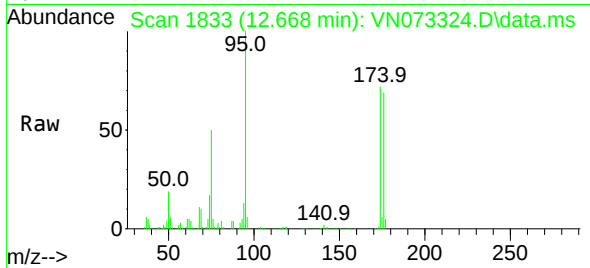




#62
4-Bromofluorobenzene
Concen: 50.661 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

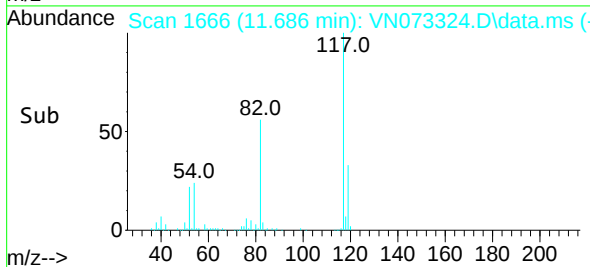
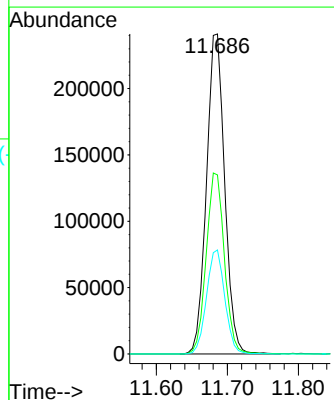
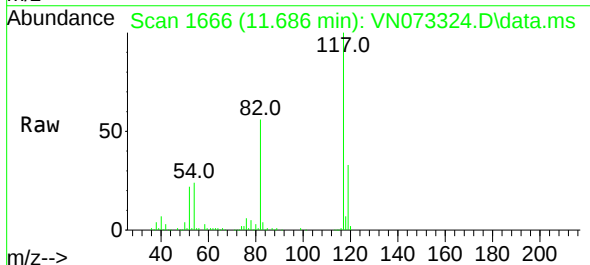
Instrument :
MSVOA_N
ClientSampleId :

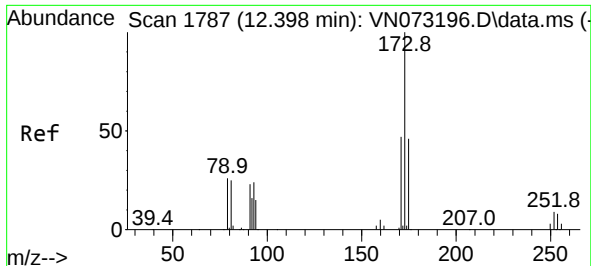
Tgt Ion: 95 Resp: 215724
Ion Ratio Lower Upper
95 100
174 75.1 0.0 167.6
176 72.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

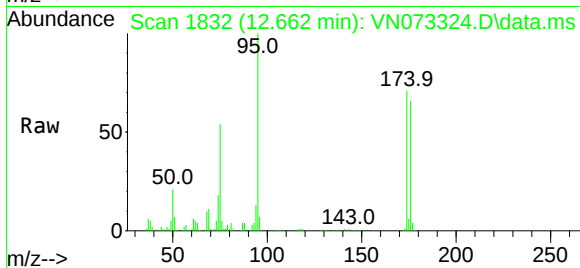
Tgt Ion: 117 Resp: 430311
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.5 25.4 38.0



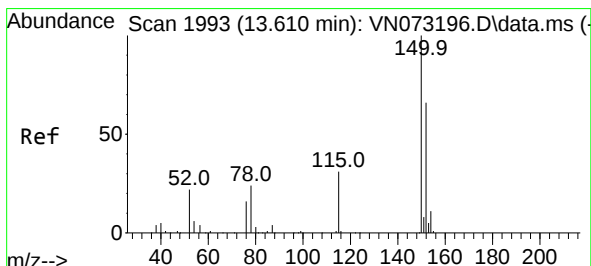
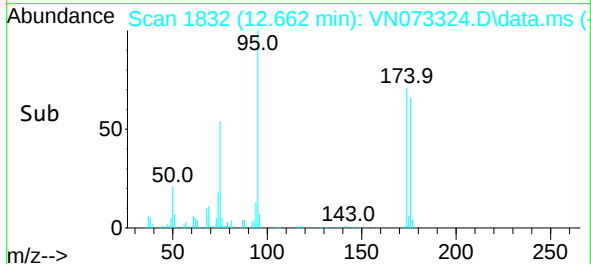
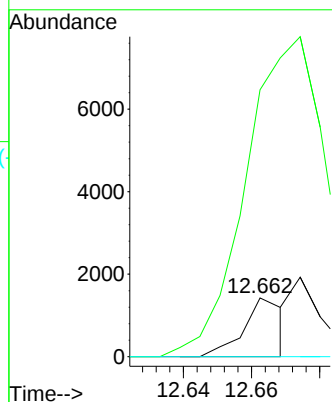


#71
Bromoform
Concen: 0.447 ug/l
RT: 12.662 min Scan# 1832
Delta R.T. 0.264 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

Instrument :
MSVOA_N
ClientSampleId :

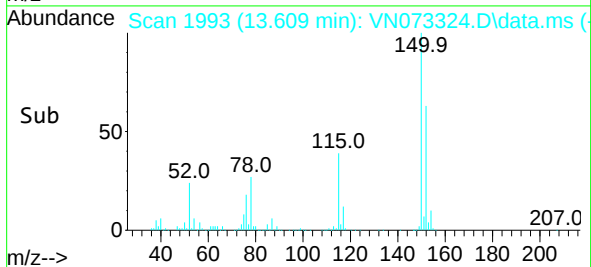
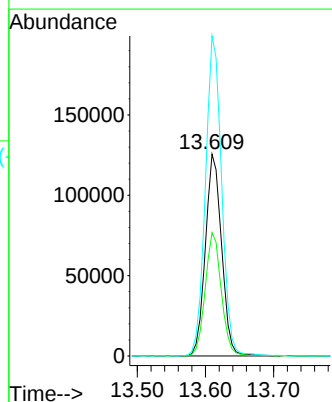
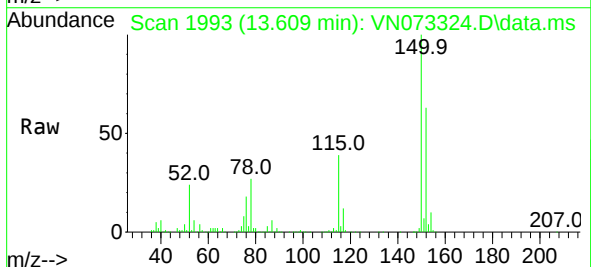


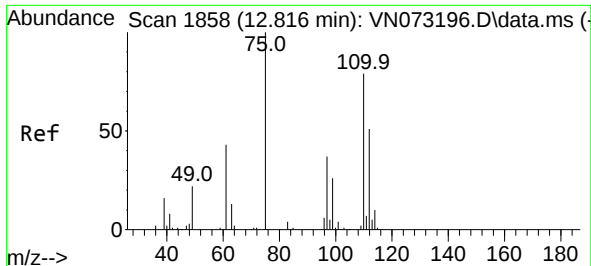
Tgt Ion:173 Resp: 1170
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.001 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

Tgt Ion:152 Resp: 208222
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 158.5 0.0 356.2

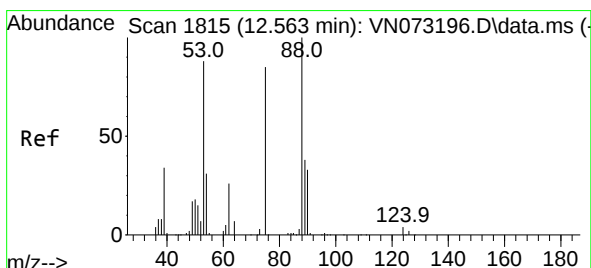
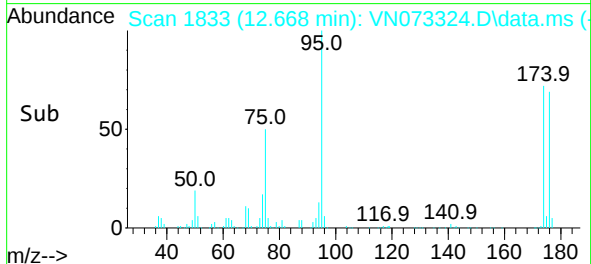
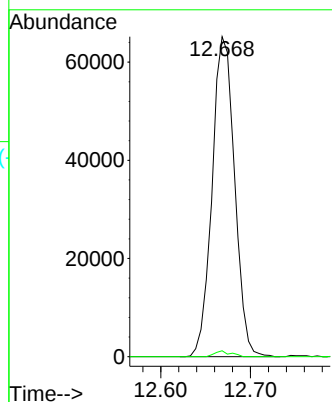
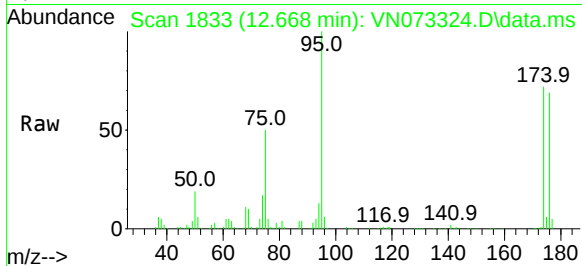




#76
1,2,3-Trichloropropane
Concen: 20.869 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 113624
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.233 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073324.D
Acq: 05 Jul 2022 18:50

Tgt Ion: 75 Resp: 113624
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

