

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074273.D
 Acq On : 02 Sep 2022 04:32
 Operator : JC\MD
 Sample : N4354-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 05:45:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

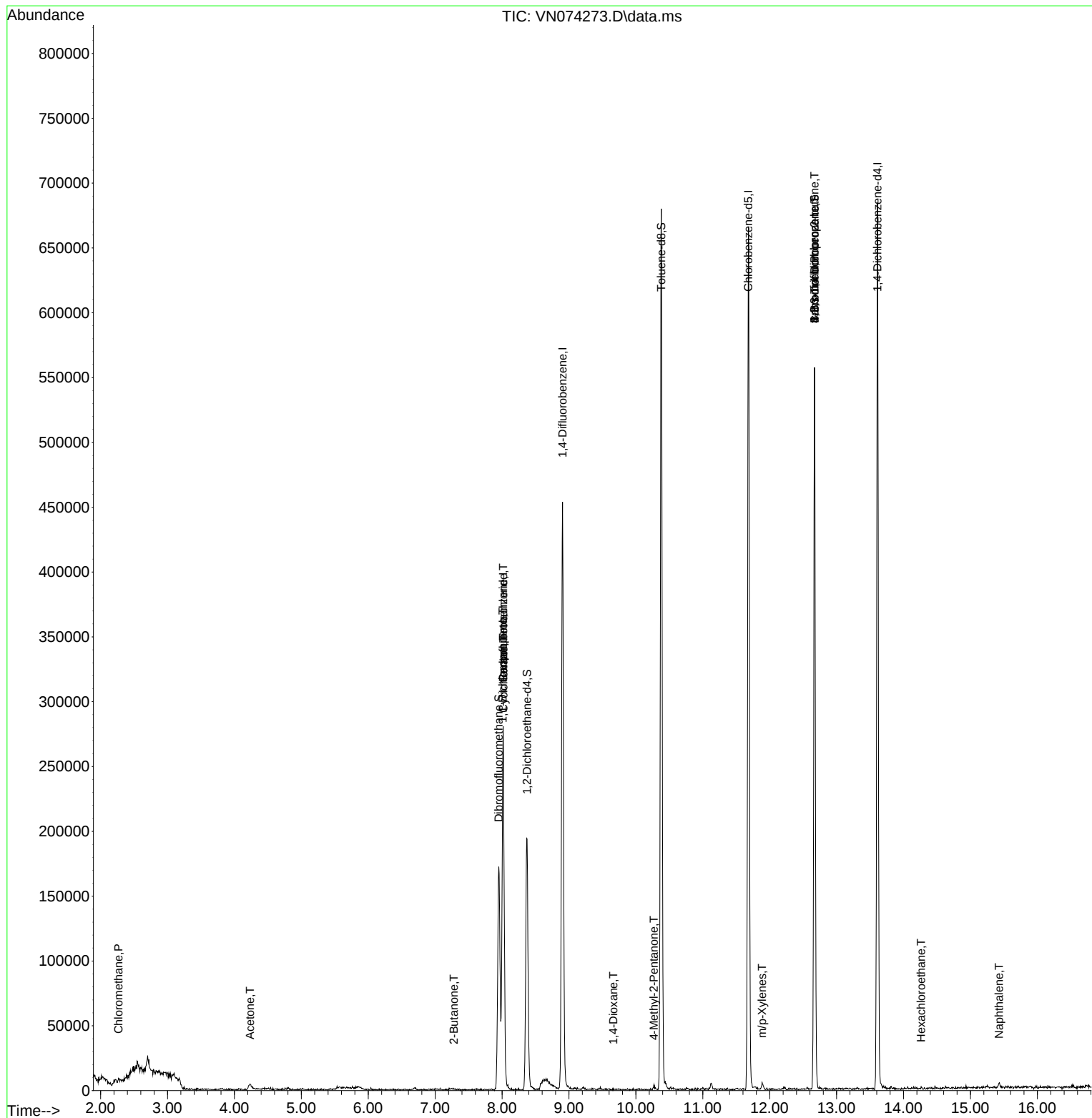
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	193747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	375026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	357982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	160922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	147441	49.057	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.120%
35) Dibromofluoromethane	7.951	113	124439	50.992	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.980%
50) Toluene-d8	10.380	98	449743	46.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.600%
62) 4-Bromofluorobenzene	12.669	95	167369	57.267	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.540%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	786	0.278	ug/l #	58
6) Chloroethane	2.846	64	1828	Below Cal	#	42
11) Tert butyl alcohol	5.304	59	176	Below Cal	#	72
16) Acetone	4.234	43	8421	4.193	ug/l #	79
18) Methyl Acetate	4.781	43	1281	Below Cal	#	73
20) Methylene Chloride	5.010	84	447	Below Cal	#	10
25) 2-Butanone	7.281	43	1584	0.493	ug/l #	45
31) Cyclohexane	8.022	56	5548	1.117	ug/l #	62
36) 1,1-Dichloropropene	8.010	75	18850	4.761	ug/l #	47
38) Carbon Tetrachloride	8.016	117	19923	5.542	ug/l #	18
49) 1,4-Dioxane	9.663	88	55	0.603	ug/l #	1
51) 4-Methyl-2-Pentanone	10.269	43	2466	0.382	ug/l	90
68) m/p-Xylenes	11.886	106	1258	0.234	ug/l #	68
71) Bromoform	12.669	173	1114	0.459	ug/l #	28
76) 1,2,3-Trichloropropane	12.669	75	95667	23.827	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	95667	61.707	ug/l #	11
90) Hexachloroethane	14.263	117	449	0.208	ug/l #	9
95) Naphthalene	15.427	128	3622	1.441	ug/l #	89

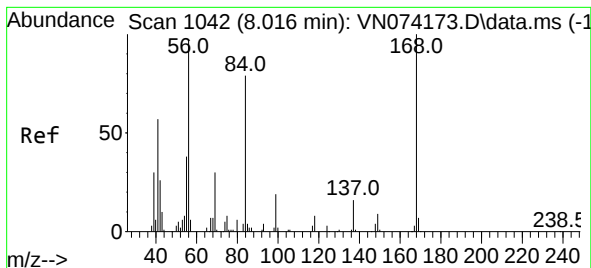
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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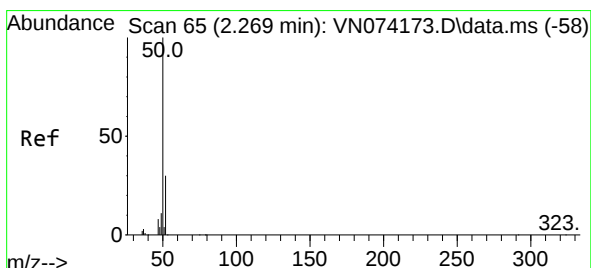
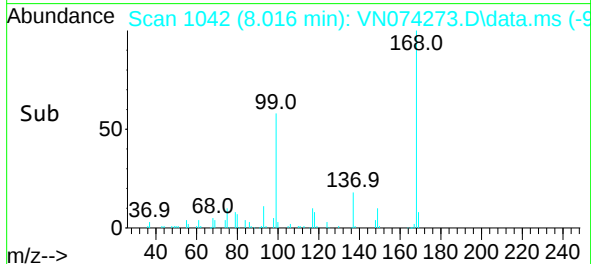
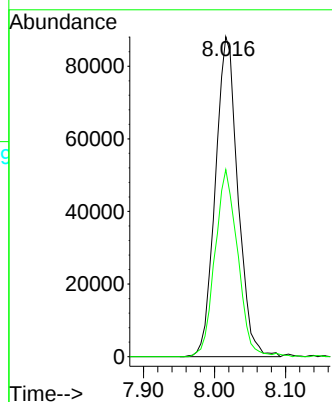
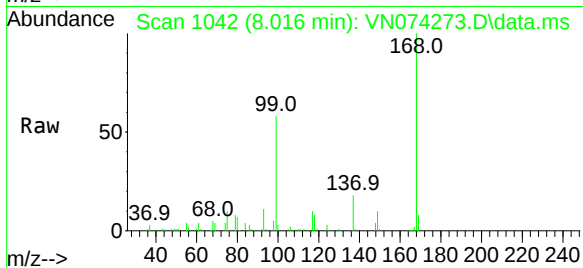




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

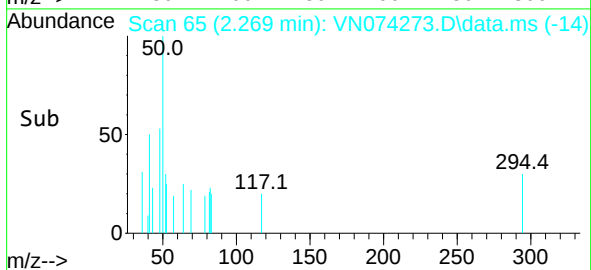
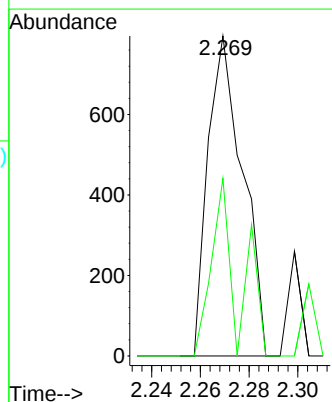
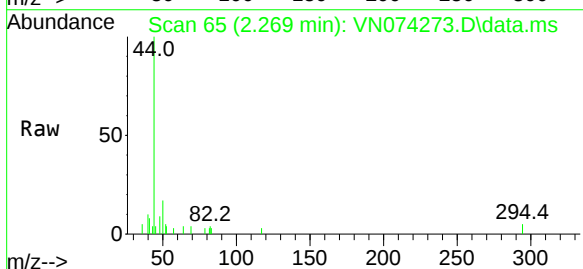
Instrument :
MSVOA_N
ClientSampleId :

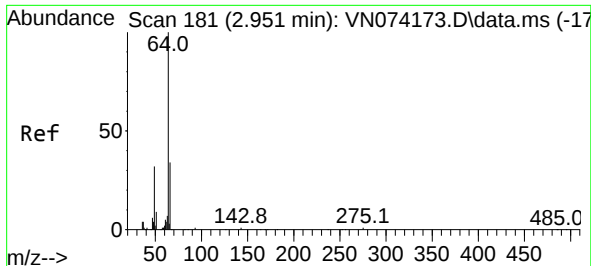
Tgt Ion:168 Resp: 193747
Ion Ratio Lower Upper
168 100
99 58.5 42.3 63.5



#3
Chloromethane
Concen: 0.278 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

Tgt Ion: 50 Resp: 786
Ion Ratio Lower Upper
50 100
52 55.5 25.7 38.5#

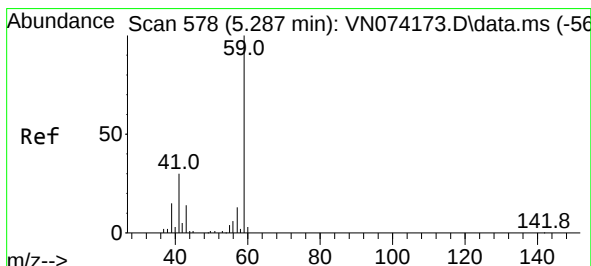
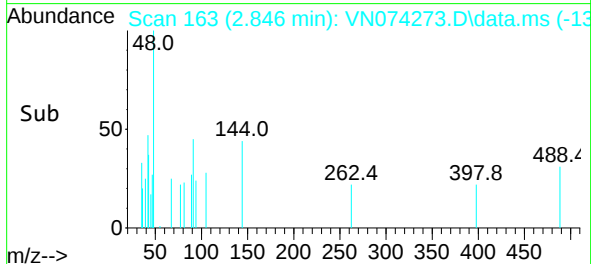
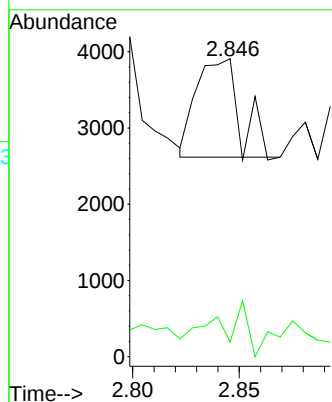
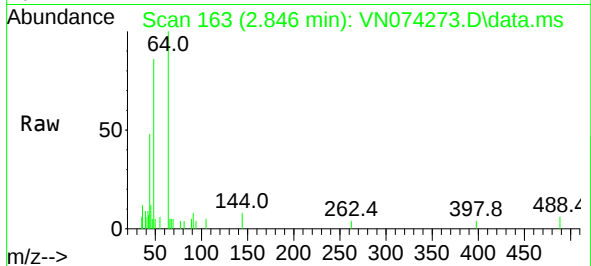




#6
Chloroethane
Concen: Below Cal
RT: 2.846 min Scan# 11
Delta R.T. -0.105 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

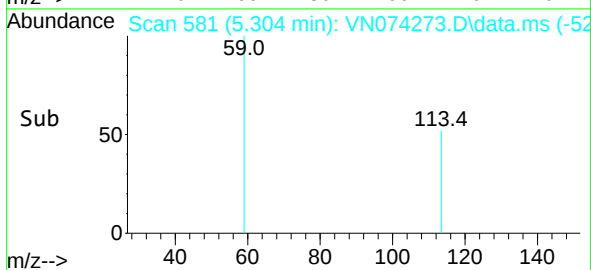
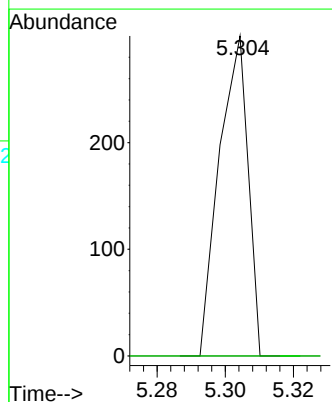
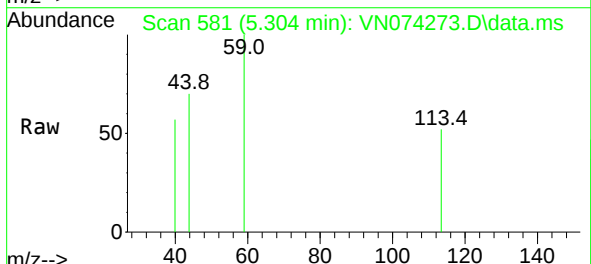
Instrument :
MSVOA_N
ClientSampleId :

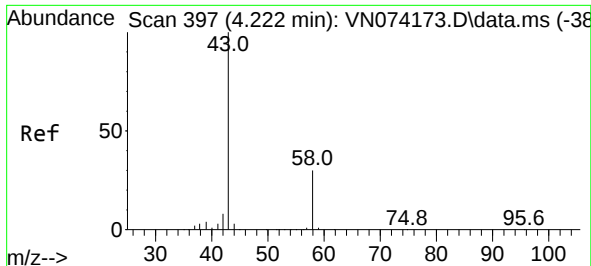
Tgt Ion: 64 Resp: 1828
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.304 min Scan# 581
Delta R.T. 0.017 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

Tgt Ion: 59 Resp: 176
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

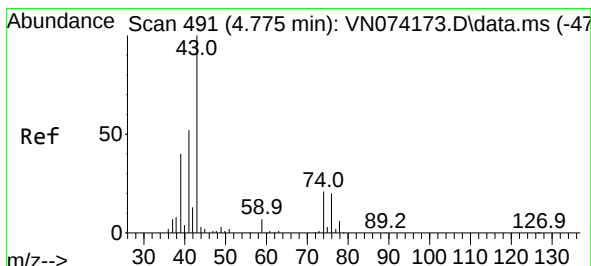
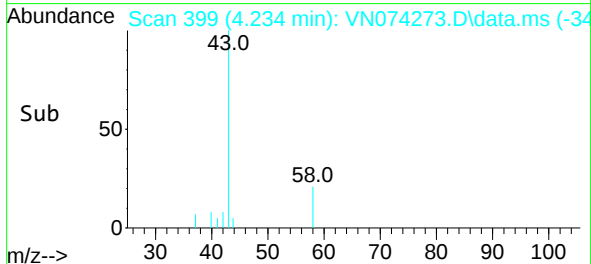
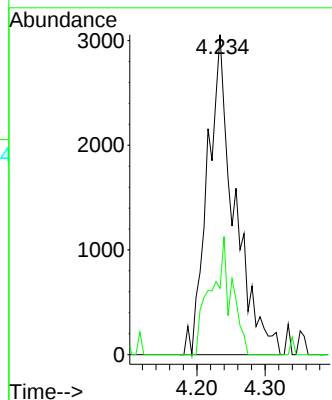
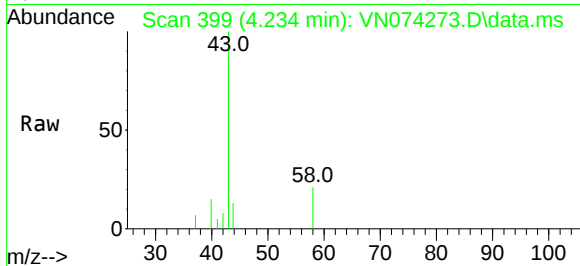




#16
Acetone
Concen: 4.193 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

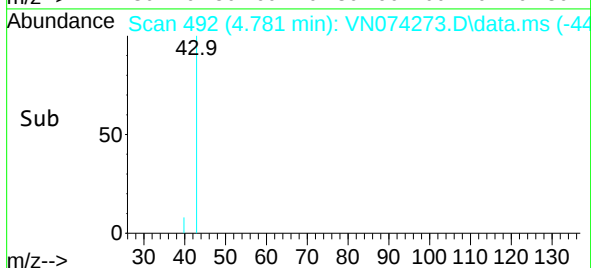
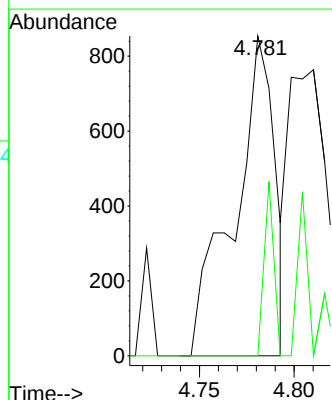
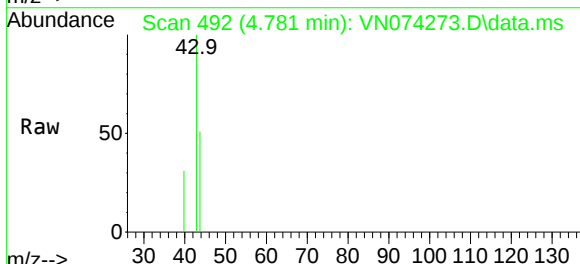
Instrument :
MSVOA_N
ClientSampleId :

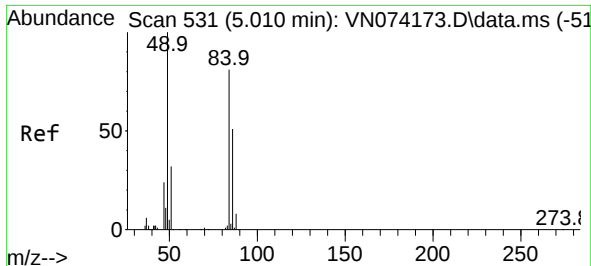
Tgt Ion: 43 Resp: 8421
Ion Ratio Lower Upper
43 100
58 20.7 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

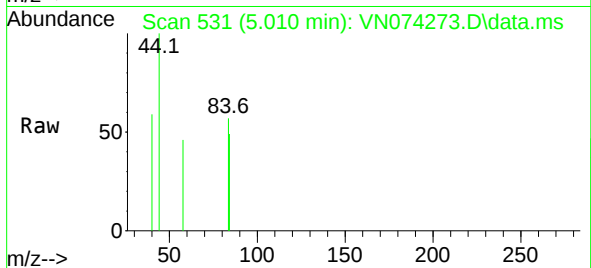
Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
74 12.8 21.6 32.4#



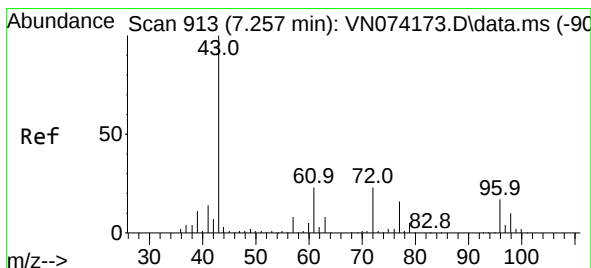
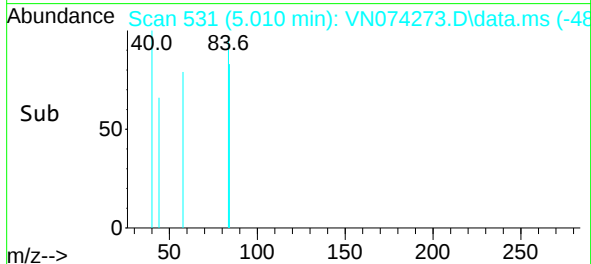
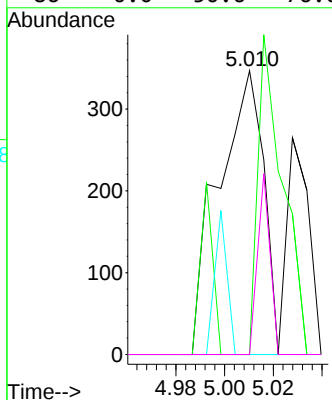


#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

Instrument :
MSVOA_N
ClientSampleId :

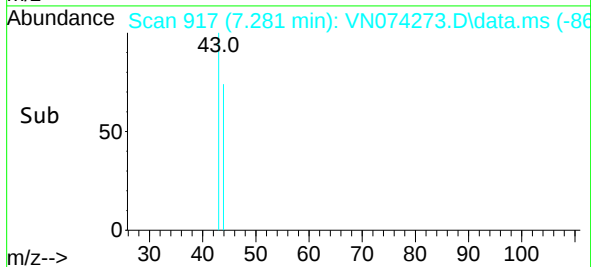
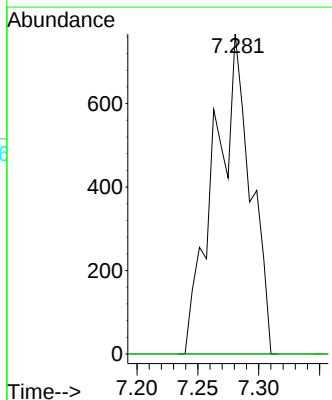
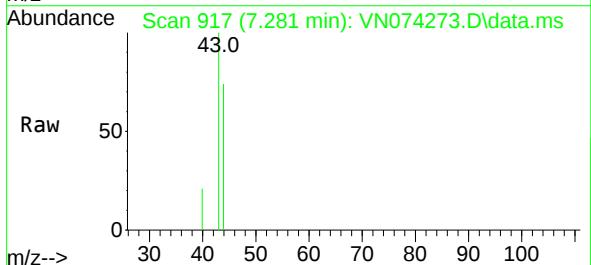


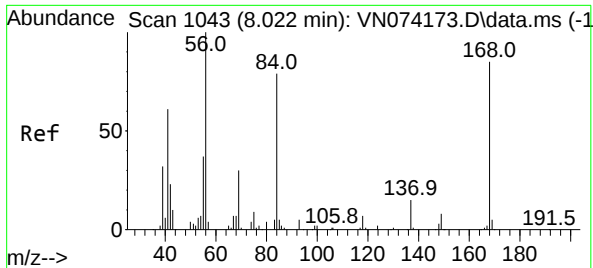
Tgt Ion: 84 Resp: 447
Ion Ratio Lower Upper
84 100
49 0.0 88.3 132.5#
51 0.0 28.2 42.2#
86 0.0 50.6 76.0#



#25
2-Butanone
Concen: 0.493 ug/l
RT: 7.281 min Scan# 917
Delta R.T. 0.024 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

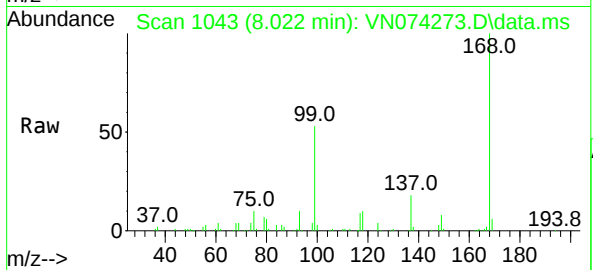
Tgt Ion: 43 Resp: 1584
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



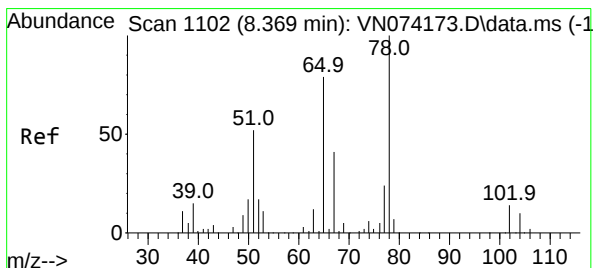
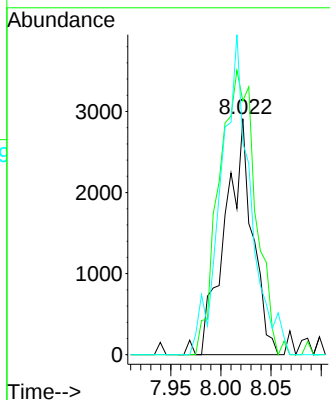
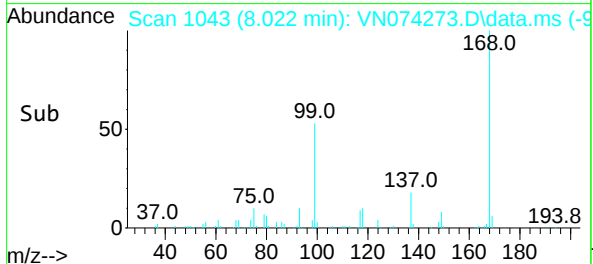


#31
Cyclohexane
Concen: 1.117 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

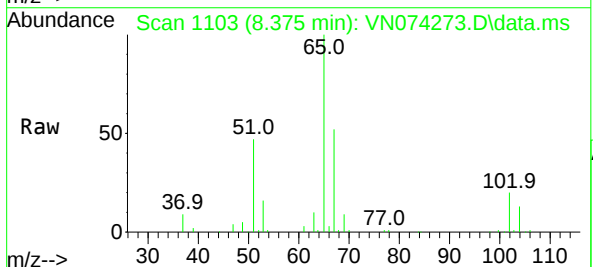
Instrument :
MSVOA_N
ClientSampleId :



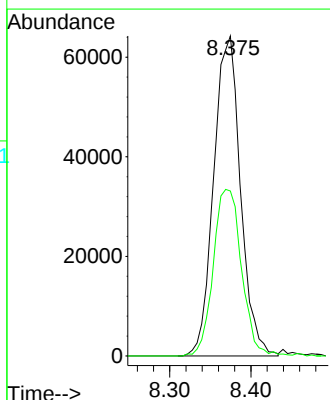
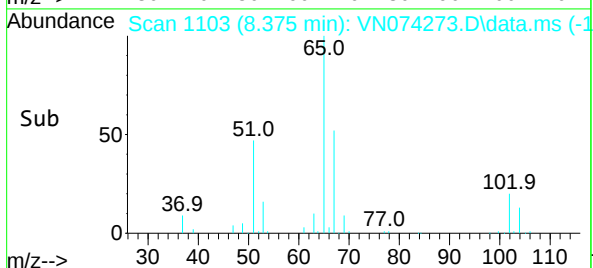
Tgt Ion: 56 Resp: 5548
Ion Ratio Lower Upper
56 100
69 107.5 27.8 41.8#
84 89.8 76.9 115.3

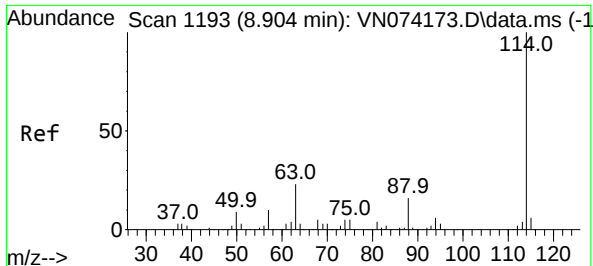


#33
1,2-Dichloroethane-d4
Concen: 49.057 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32



Tgt Ion: 65 Resp: 147441
Ion Ratio Lower Upper
65 100
67 54.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074273.D

Acq: 02 Sep 2022 04:32

Instrument :

MSVOA_N

ClientSampleId :

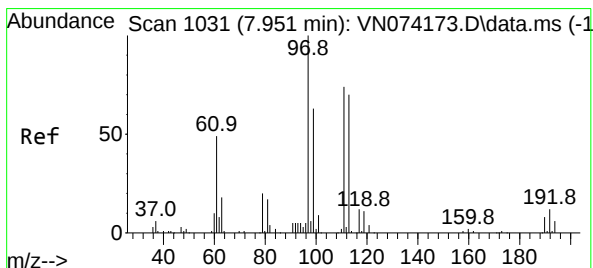
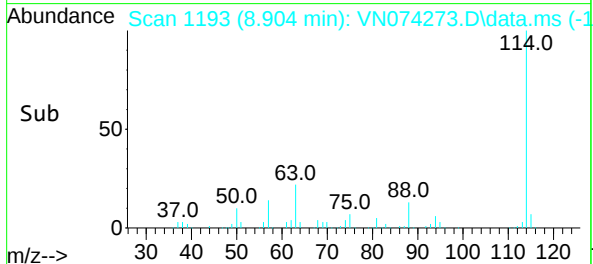
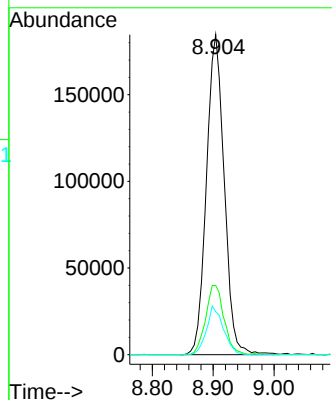
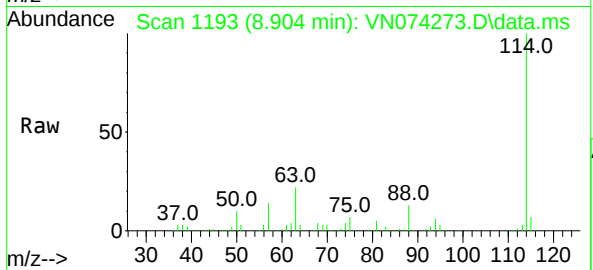
Tgt Ion:114 Resp: 375026

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 13.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.992 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074273.D

Acq: 02 Sep 2022 04:32

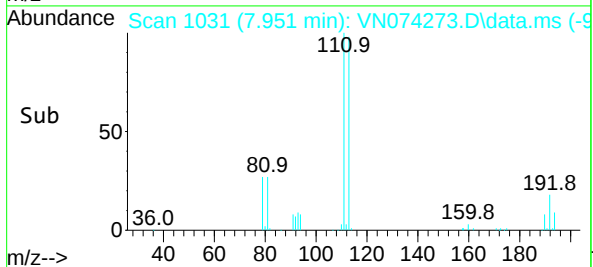
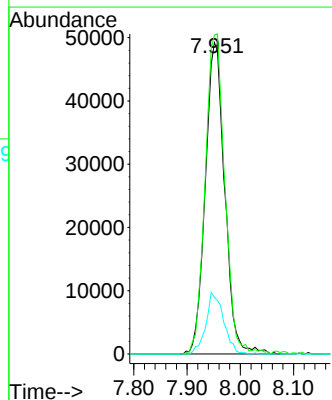
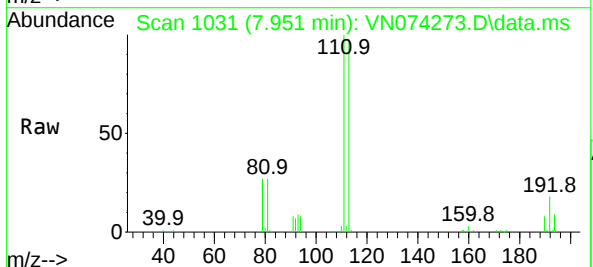
Tgt Ion:113 Resp: 124439

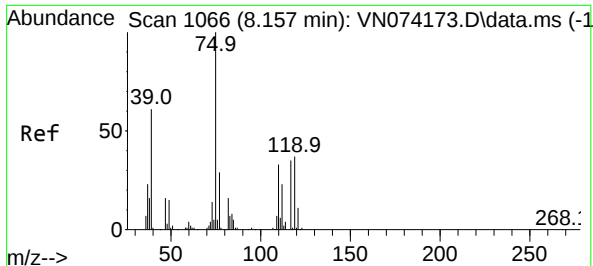
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 18.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.761 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.147 min

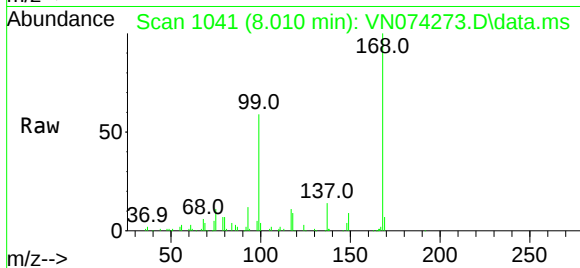
Lab File: VN074273.D

Acq: 02 Sep 2022 04:32

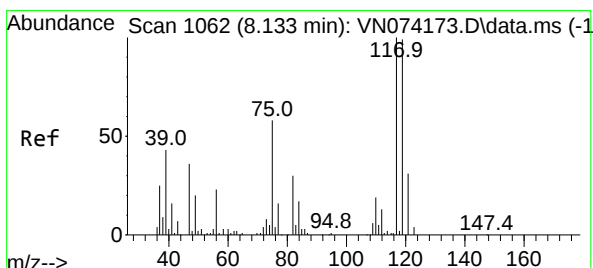
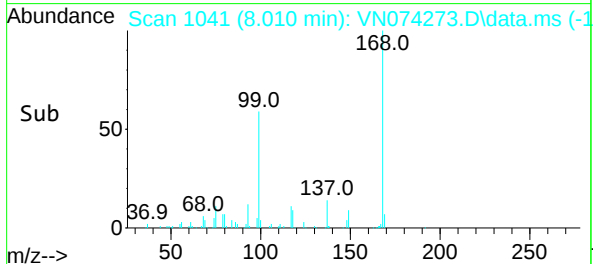
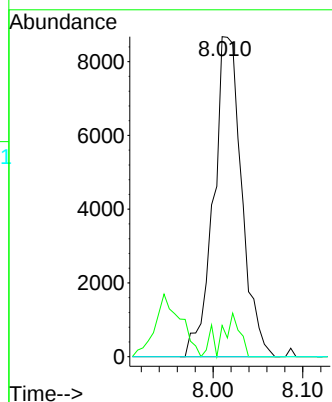
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	18850
Ion Ratio	Lower	Upper	
75	100		
110	7.1	18.3	54.8#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.542 ug/l

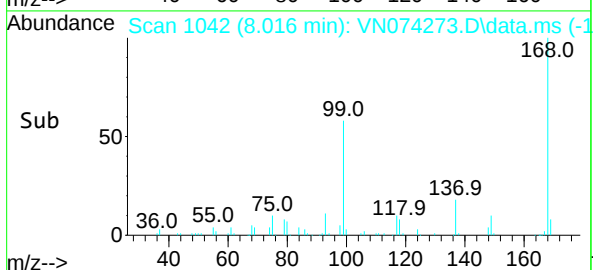
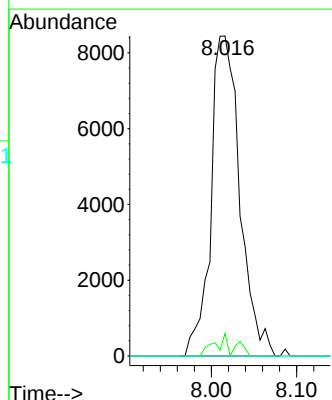
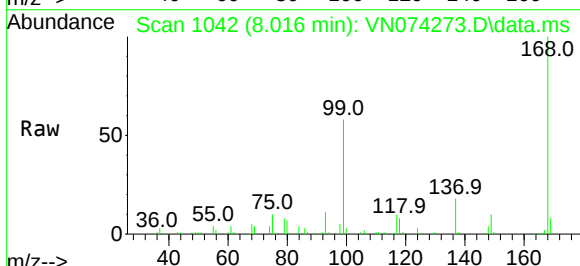
RT: 8.016 min Scan# 1042

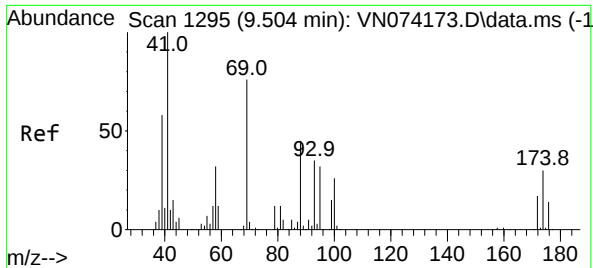
Delta R.T. -0.117 min

Lab File: VN074273.D

Acq: 02 Sep 2022 04:32

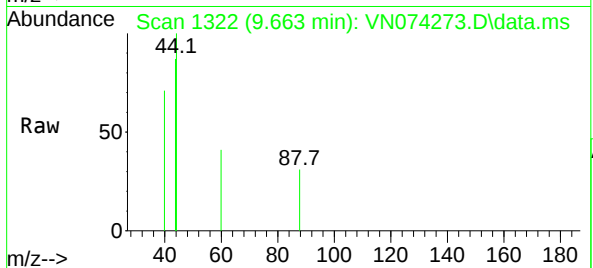
Tgt Ion:	117	Resp:	19923
Ion Ratio	Lower	Upper	
117	100		
119	7.0	75.8	113.8#
121	0.0	24.6	37.0#



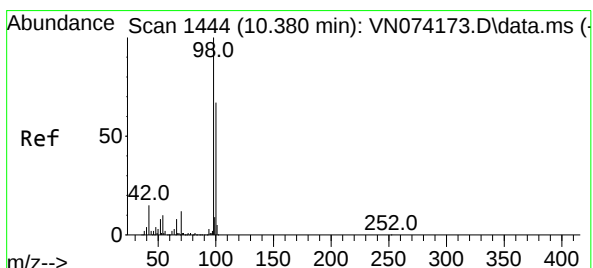
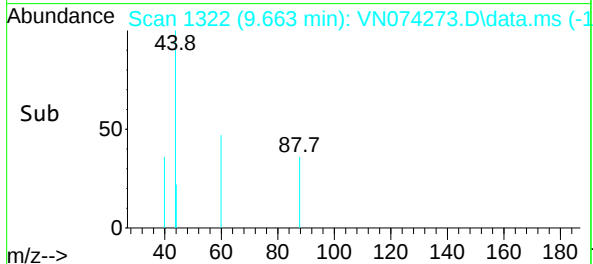
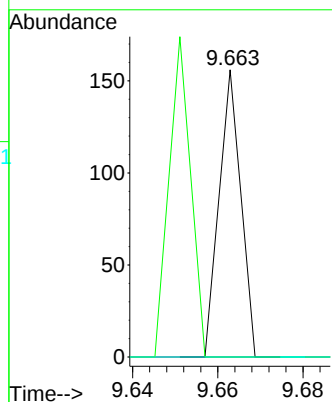


#49
1,4-Dioxane
Concen: 0.603 ug/l
RT: 9.663 min Scan# 11
Delta R.T. 0.159 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

Instrument :
MSVOA_N
ClientSampleId :

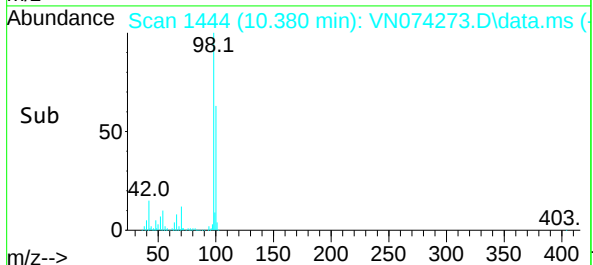
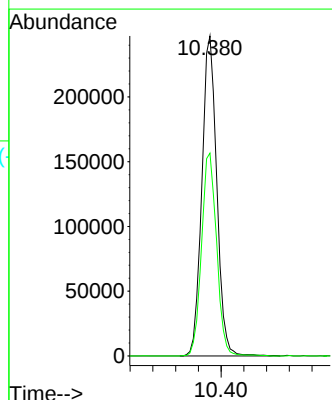
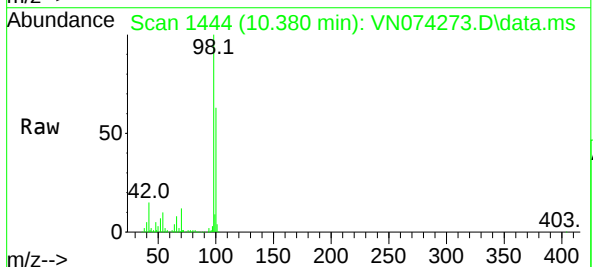


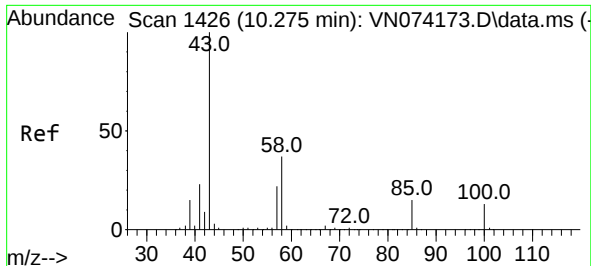
Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 110.9 20.2 30.4#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 46.797 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

Tgt Ion: 98 Resp: 449743
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8

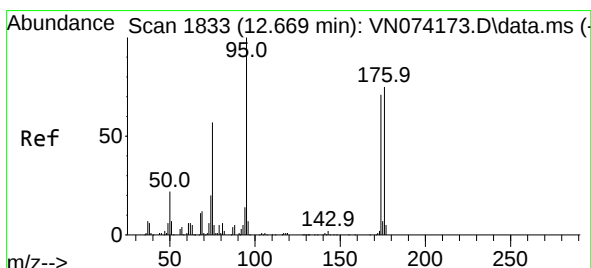
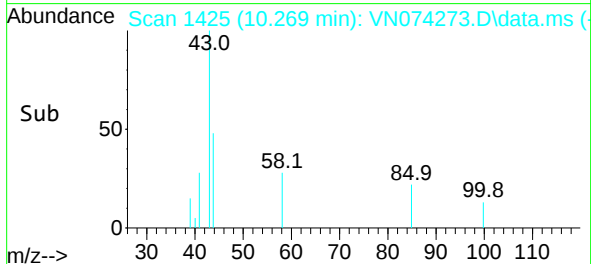
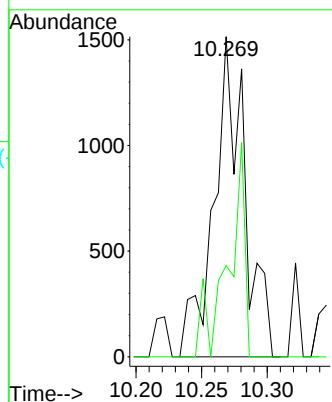
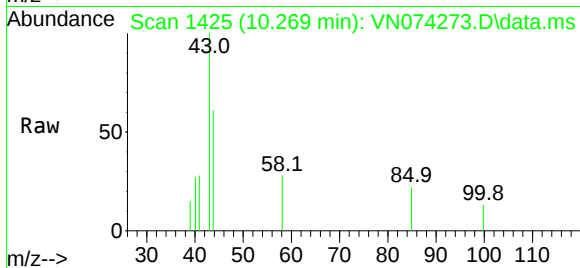




#51
4-Methyl-2-Pentanone
Concen: 0.382 ug/l
RT: 10.269 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

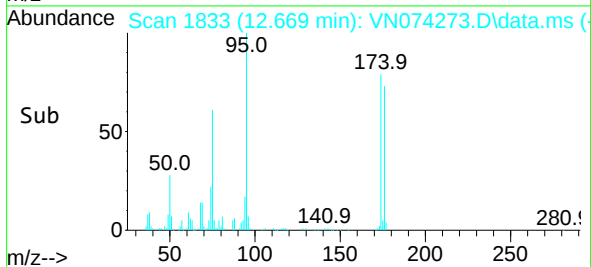
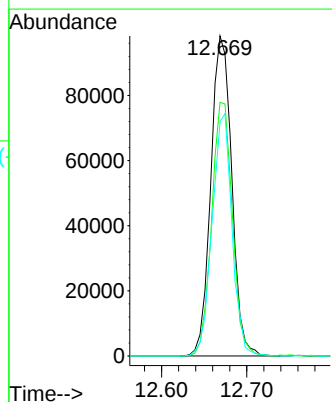
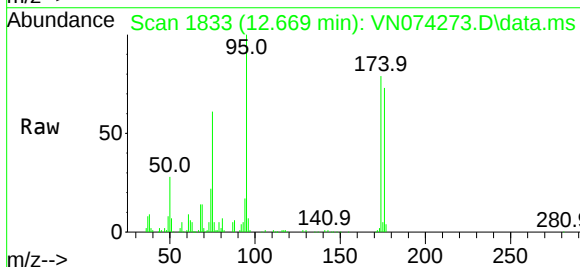
Instrument :
MSVOA_N
ClientSampleId :

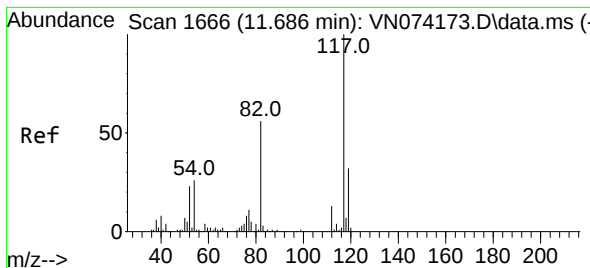
Tgt Ion: 43 Resp: 2466
Ion Ratio Lower Upper
43 100
58 36.5 34.1 51.1



#62
4-Bromofluorobenzene
Concen: 57.267 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

Tgt Ion: 95 Resp: 167369
Ion Ratio Lower Upper
95 100
174 78.6 0.0 167.6
176 72.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. -0.006 min

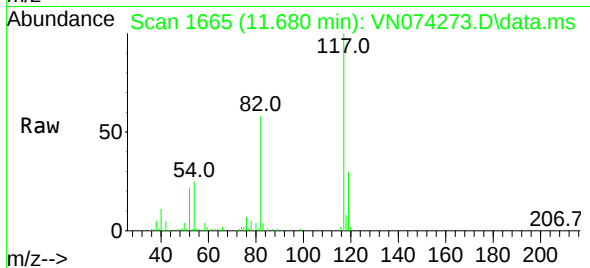
Lab File: VN074273.D

Acq: 02 Sep 2022 04:32

Instrument :

MSVOA_N

ClientSampleId :



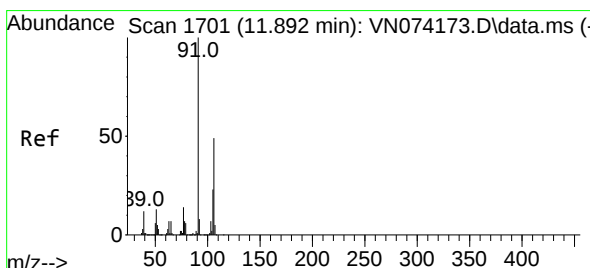
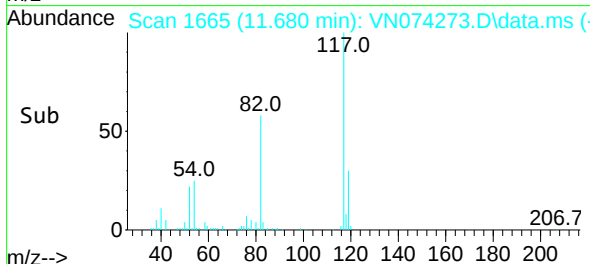
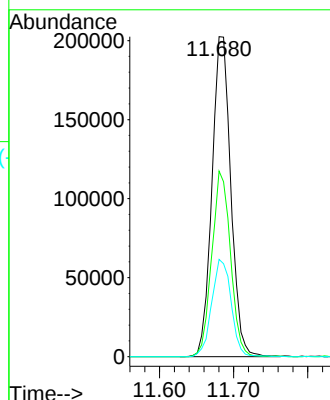
Tgt Ion:117 Resp: 357982

Ion Ratio Lower Upper

117 100

82 58.0 44.2 66.2

119 30.4 25.4 38.0



#68

m/p-Xylenes

Concen: 0.234 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VN074273.D

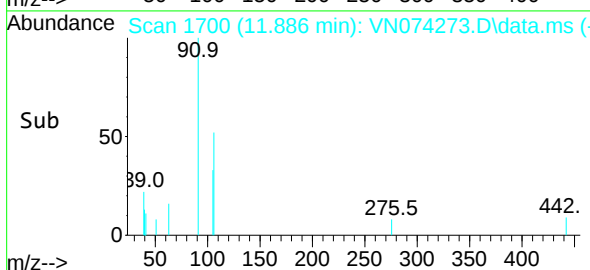
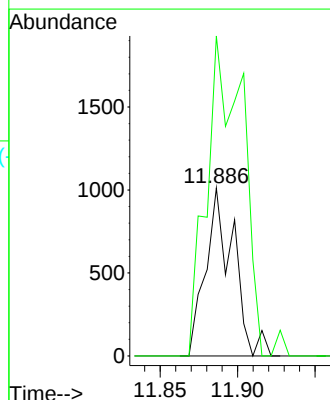
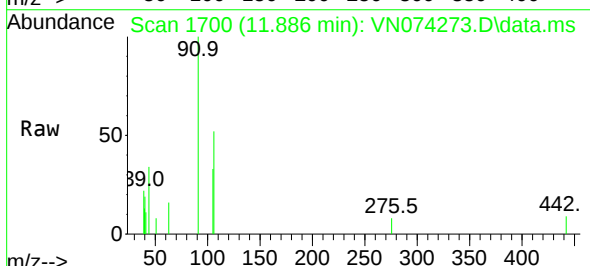
Acq: 02 Sep 2022 04:32

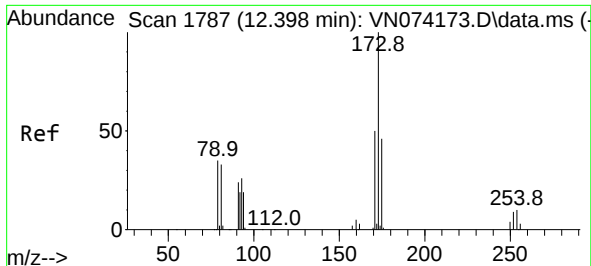
Tgt Ion:106 Resp: 1258

Ion Ratio Lower Upper

106 100

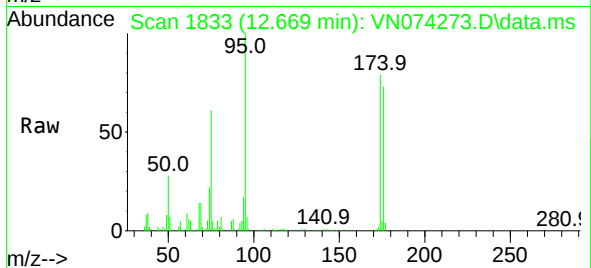
91 247.1 158.9 238.3#



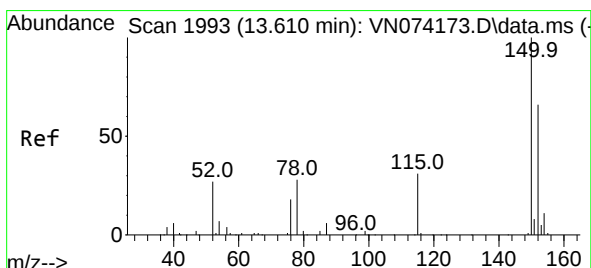
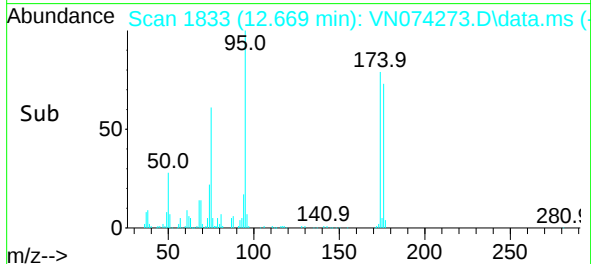
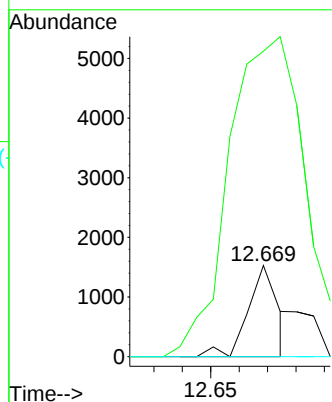


#71
Bromoform
Concen: 0.459 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

Instrument :
MSVOA_N
ClientSampleId :

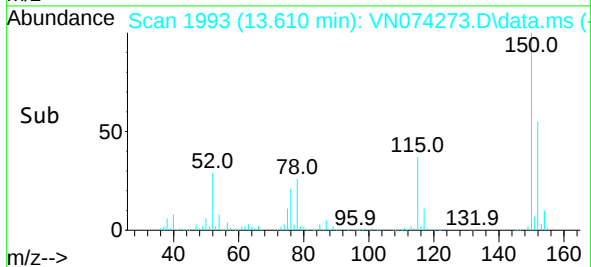
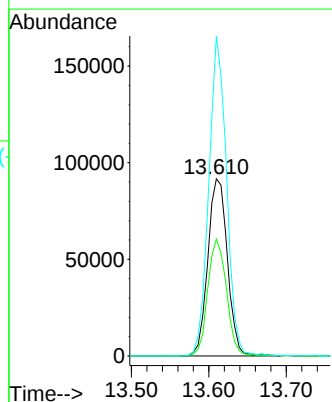
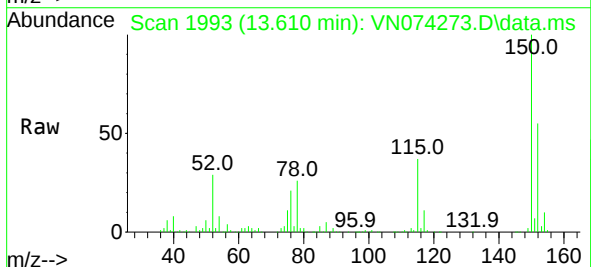


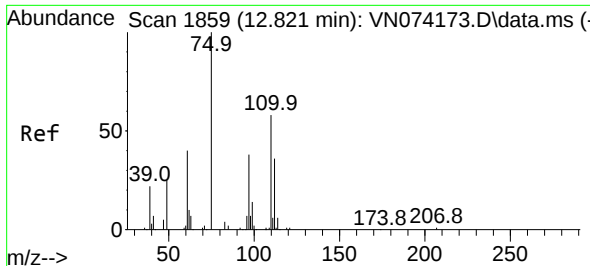
Tgt Ion:173 Resp: 1114
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

Tgt Ion:152 Resp: 160922
Ion Ratio Lower Upper
152 100
115 62.8 28.9 86.7
150 163.4 0.0 356.2

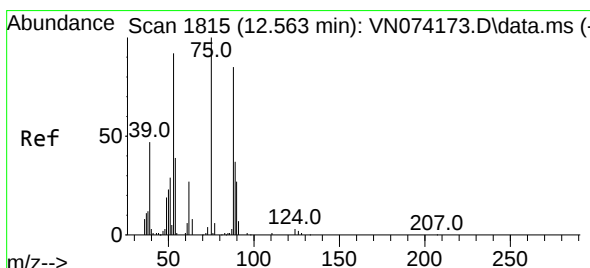
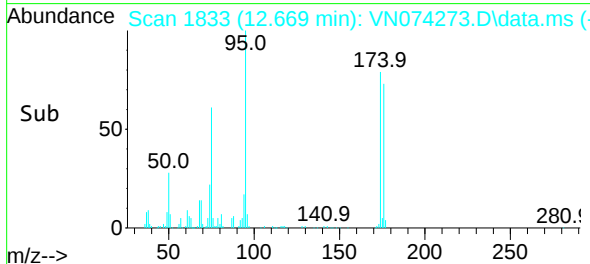
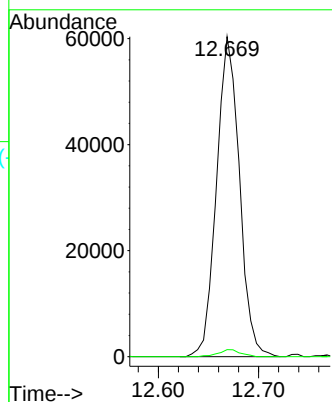
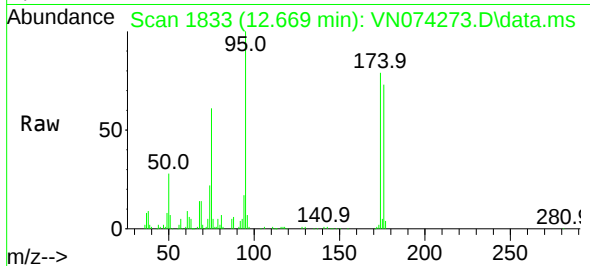




#76
1,2,3-Trichloropropane
Concen: 23.827 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

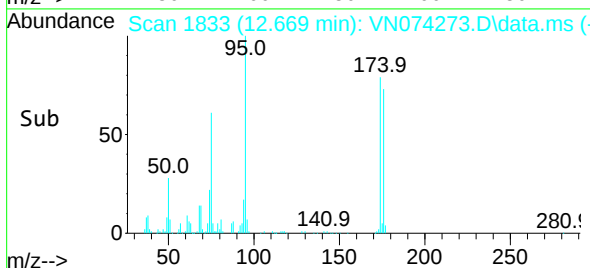
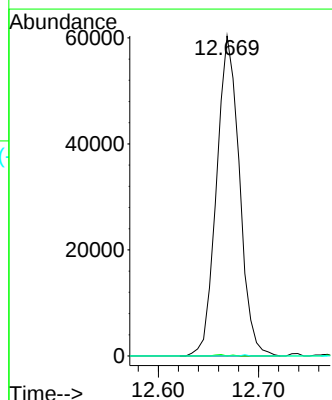
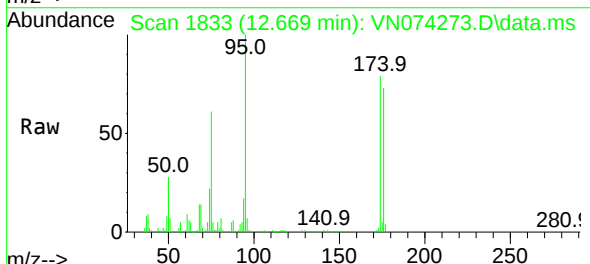
Instrument :
MSVOA_N
ClientSampleId :

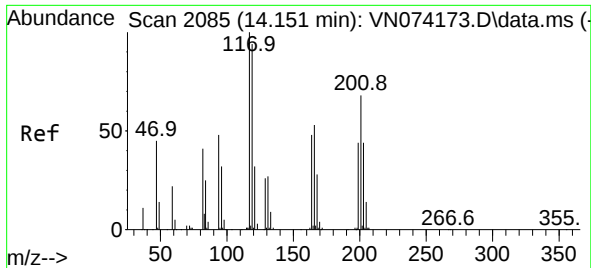
Tgt Ion: 75 Resp: 95667
Ion Ratio Lower Upper
75 100
77 2.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.707 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

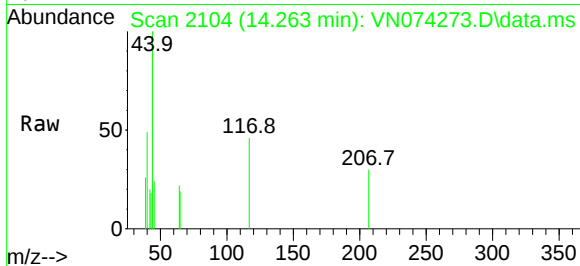
Tgt Ion: 75 Resp: 95667
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.0 37.2 55.8#



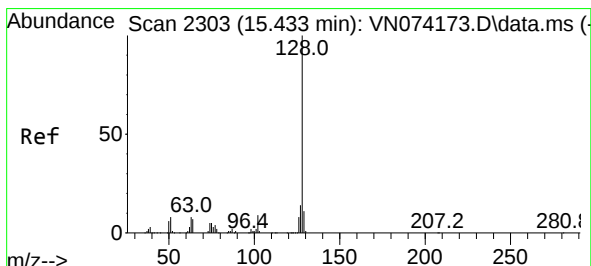
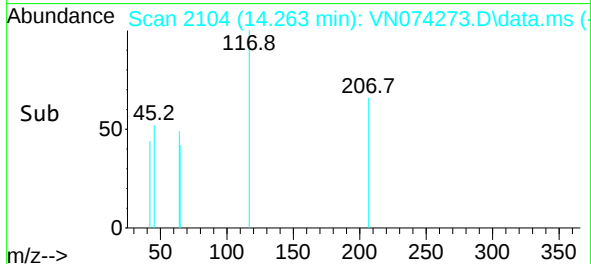
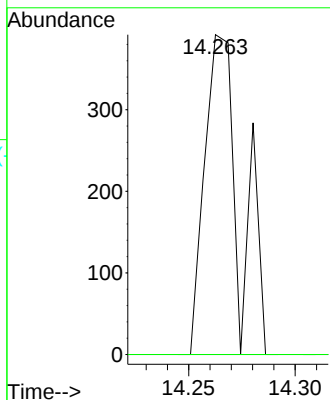


#90
Hexachloroethane
Concen: 0.208 ug/l
RT: 14.263 min Scan# 2104
Delta R.T. 0.112 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 449
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#95
Naphthalene
Concen: 1.441 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN074273.D
Acq: 02 Sep 2022 04:32

Tgt Ion:128 Resp: 3622
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 3.8 8.6 13.0#

