

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074133.D
 Acq On : 26 Aug 2022 14:03
 Operator : JC\MD
 Sample : N4280-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D2-20220817

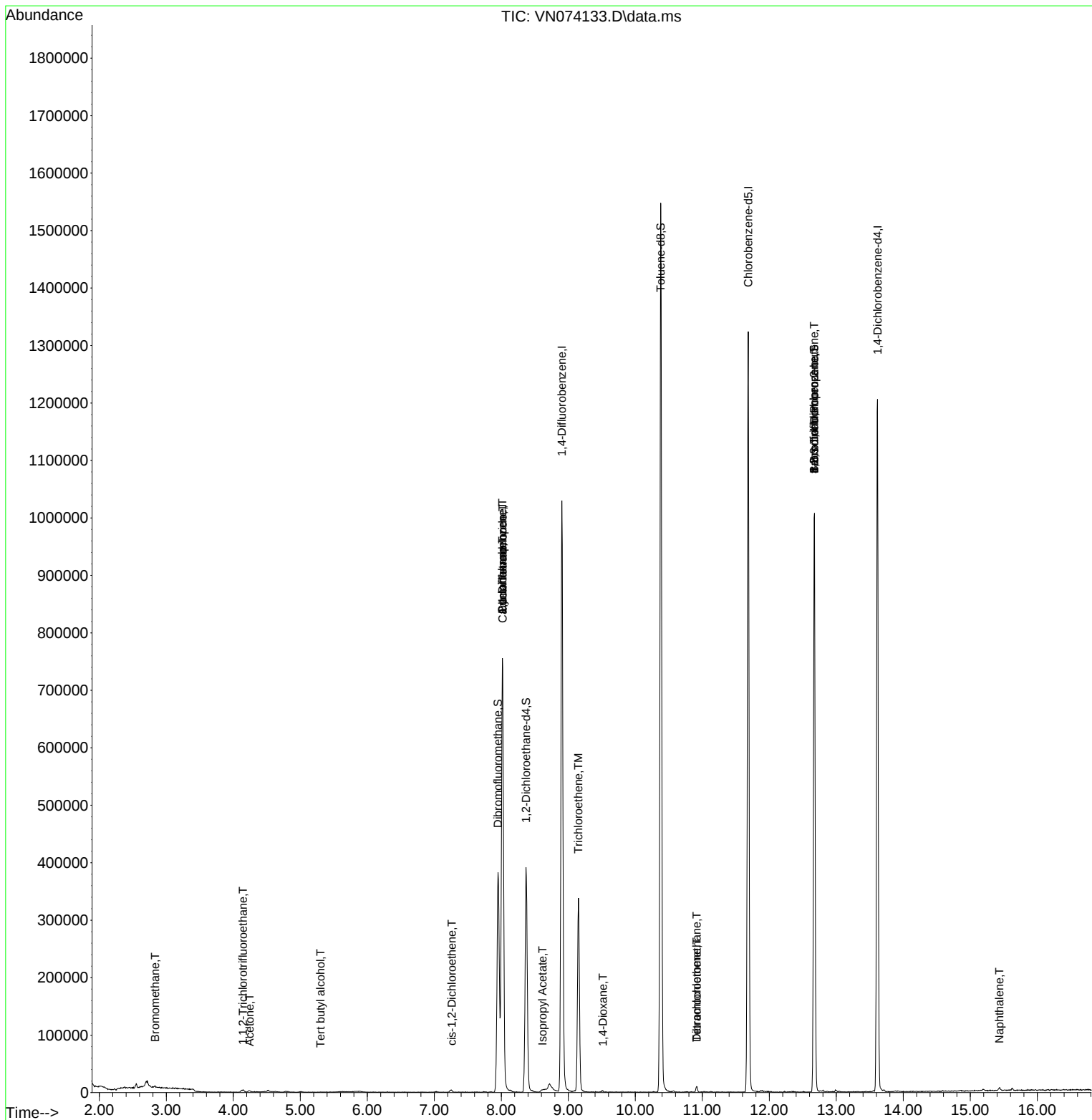
Quant Time: Aug 27 00:19:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

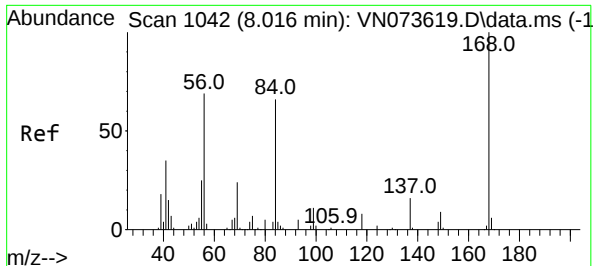
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	636068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	954510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	818125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	354788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	325607	52.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.120%	
35) Dibromofluoromethane	7.951	113	286833	50.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.620%	
50) Toluene-d8	10.380	98	1080010	49.401	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	12.668	95	331870	45.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.480%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.834	94	1835	0.408	ug/l #	78
9) 1,1,2-Trichlorotrifluo...	4.145	101	2778	0.515	ug/l	88
11) Tert butyl alcohol	5.304	59	343	0.248	ug/l #	72
16) Acetone	4.245	43	4363	1.493	ug/l	90
18) Methyl Acetate	4.775	43	3050	Below Cal	#	78
27) cis-1,2-Dichloroethene	7.263	96	1864	0.273	ug/l	86
31) Cyclohexane	8.016	56	10803	1.251	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	42282	5.393	ug/l #	48
38) Carbon Tetrachloride	8.022	117	55956	6.244	ug/l #	17
43) Isopropyl Acetate	8.616	43	3535	0.261	ug/l #	53
44) Trichloroethene	9.151	130	134433	18.809	ug/l	98
49) 1,4-Dioxane	9.516	88	1440	8.363	ug/l #	78
60) Dibromochloromethane	10.916	129	2119	0.290	ug/l #	11
64) Tetrachloroethene	10.916	164	2760	0.427	ug/l	89
71) Bromoform	12.668	173	2006	0.341	ug/l #	28
76) 1,2,3-Trichloropropane	12.668	75	164106	22.254	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	164106	63.294	ug/l #	10
95) Naphthalene	15.433	128	5262	0.212	ug/l	96

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

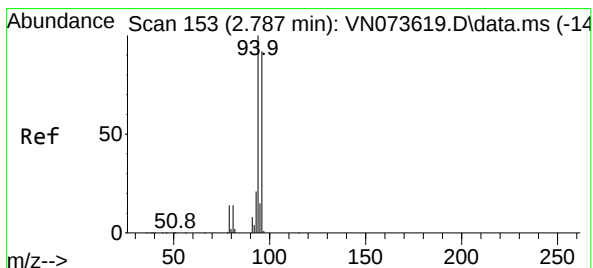
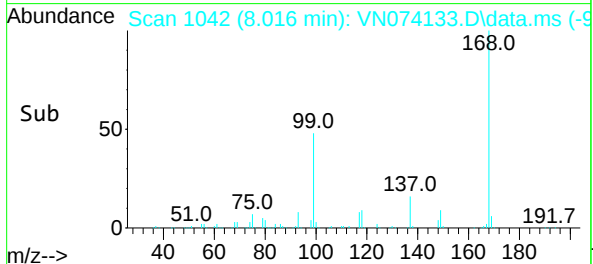
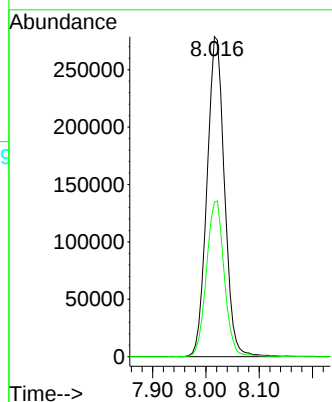
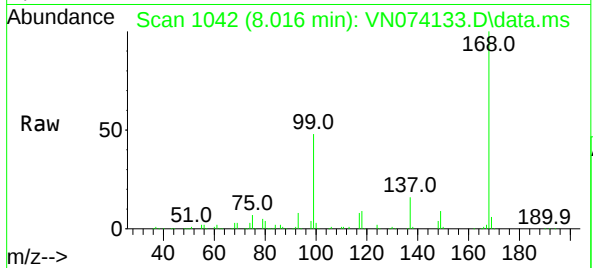




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

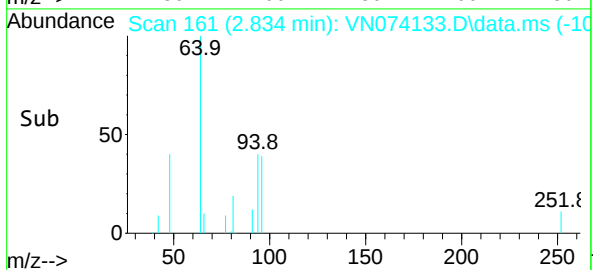
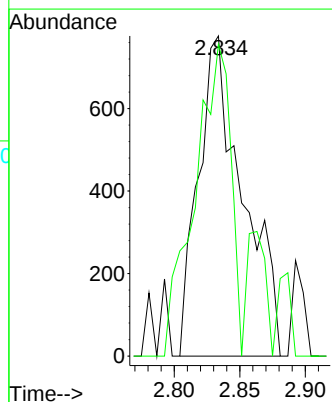
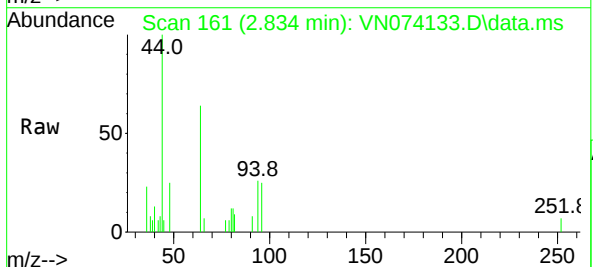
Instrument :
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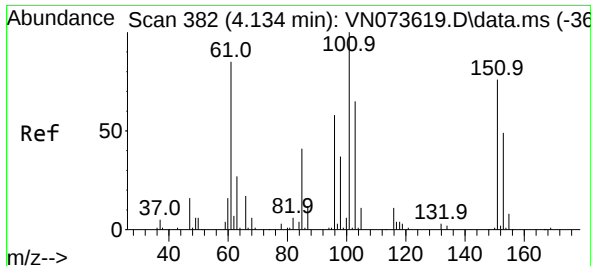
Tgt Ion:168 Resp: 636068
Ion Ratio Lower Upper
168 100
99 48.2 42.3 63.5



#5
Bromomethane
Concen: 0.408 ug/l
RT: 2.834 min Scan# 161
Delta R.T. 0.047 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

Tgt Ion: 94 Resp: 1835
Ion Ratio Lower Upper
94 100
96 73.2 76.0 114.0#

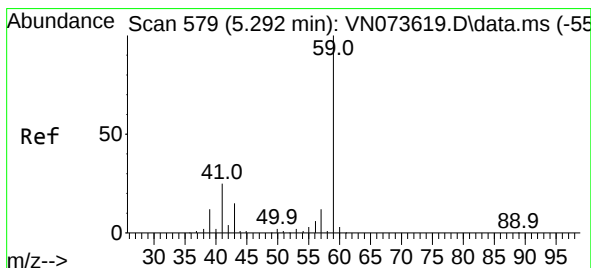
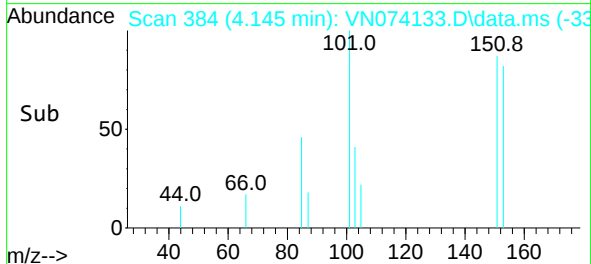
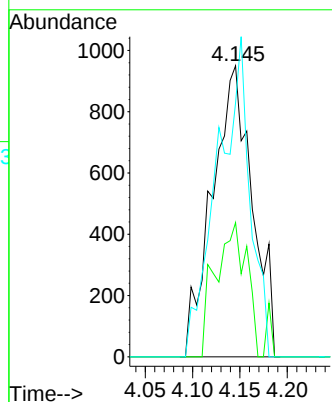
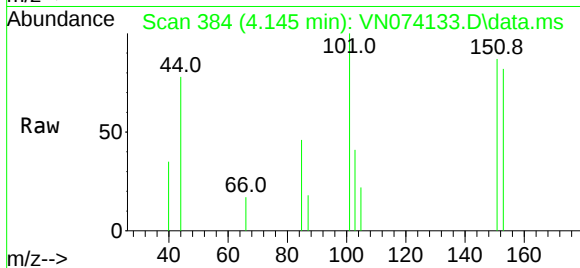




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.515 ug/l
RT: 4.145 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

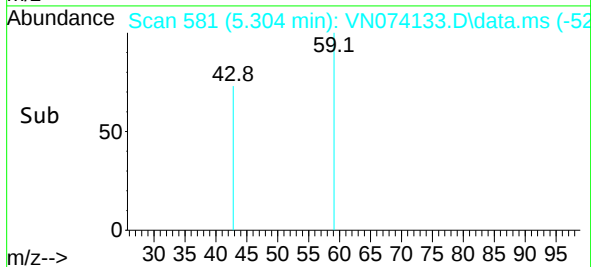
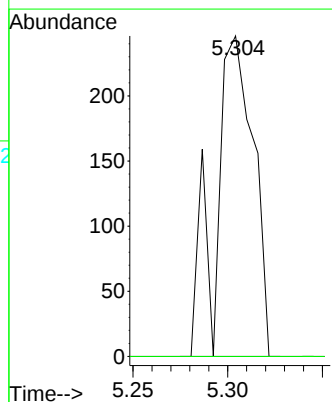
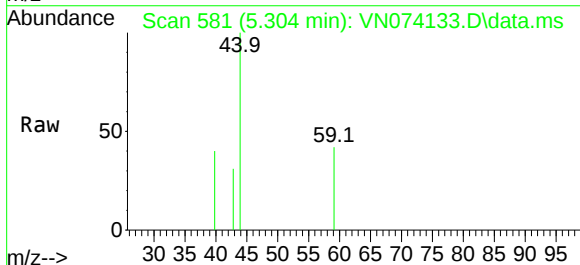
Instrument :
MSVOA_N
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RE109D2-20220817

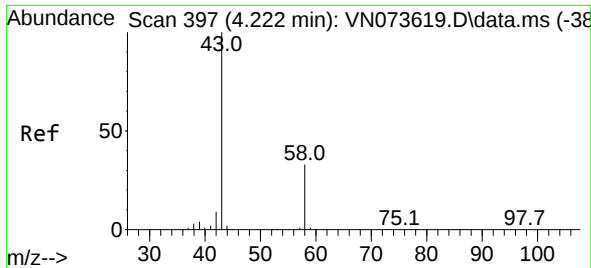
Tgt Ion:101 Resp: 2778
Ion Ratio Lower Upper
101 100
85 36.1 34.7 52.1
151 90.0 63.0 94.4



#11
Tert butyl alcohol
Concen: 0.248 ug/l
RT: 5.304 min Scan# 581
Delta R.T. 0.012 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

Tgt Ion: 59 Resp: 343
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 1.493 ug/l

RT: 4.245 min Scan# 401

Delta R.T. 0.023 min

Lab File: VN074133.D

Acq: 26 Aug 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

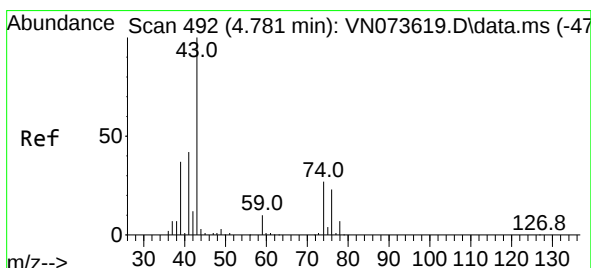
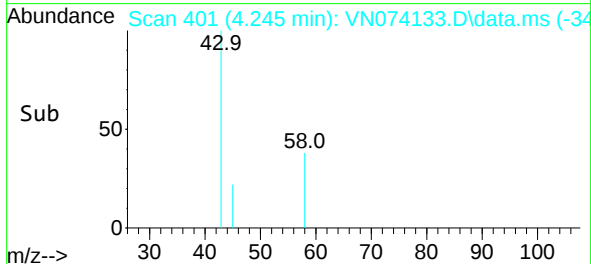
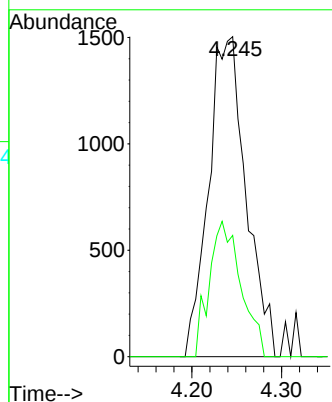
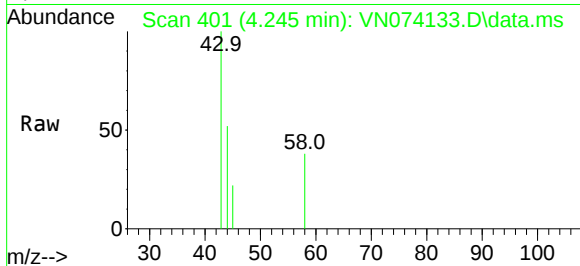
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Tgt Ion: 43 Resp: 4363

Ion Ratio Lower Upper

43 100

58 37.9 26.0 39.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.775 min Scan# 491

Delta R.T. -0.006 min

Lab File: VN074133.D

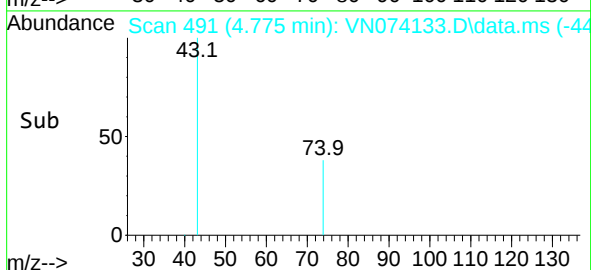
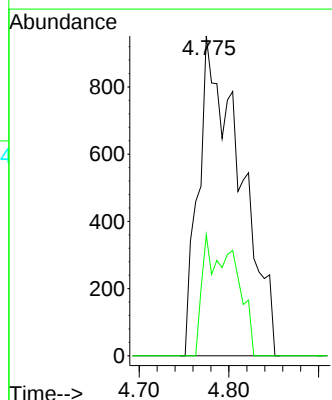
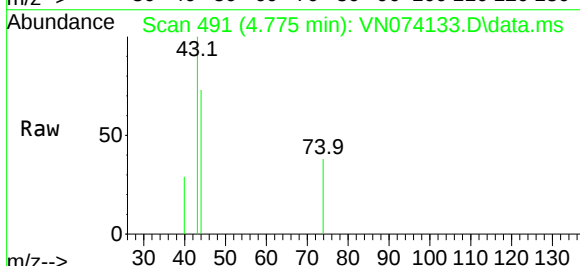
Acq: 26 Aug 2022 14:03

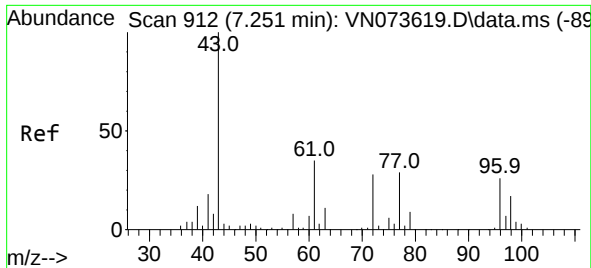
Tgt Ion: 43 Resp: 3050

Ion Ratio Lower Upper

43 100

74 15.6 21.6 32.4#

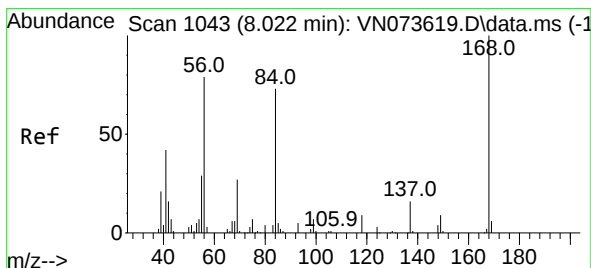
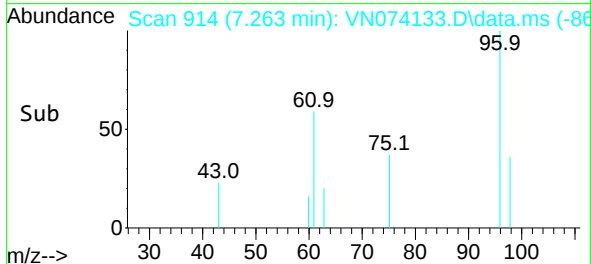
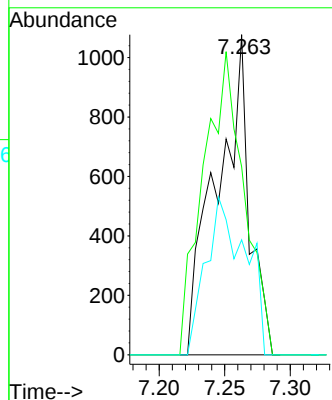
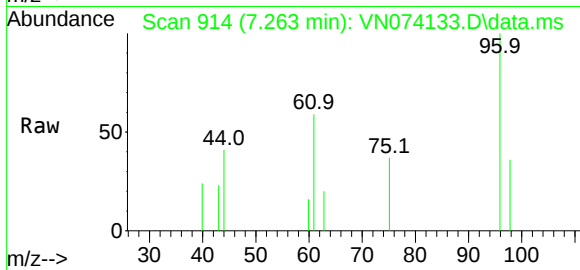




#27
 cis-1,2-Dichloroethene
 Concen: 0.273 ug/l
 RT: 7.263 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VN074133.D
 Acq: 26 Aug 2022 14:03

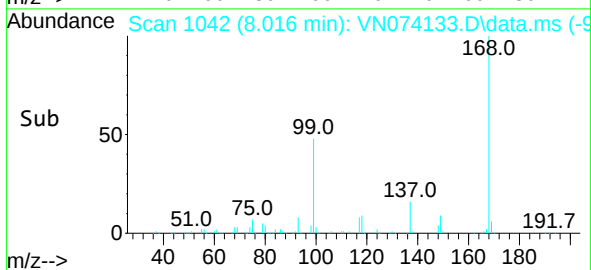
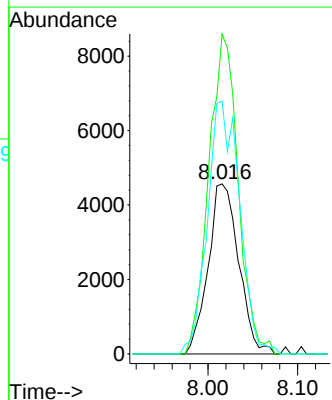
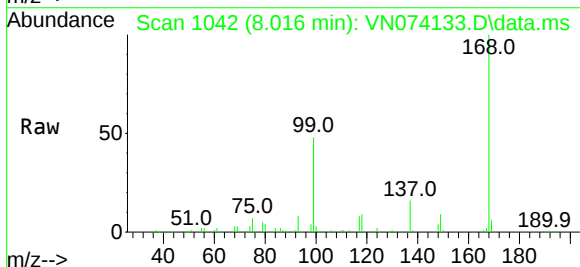
Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D2-20220817

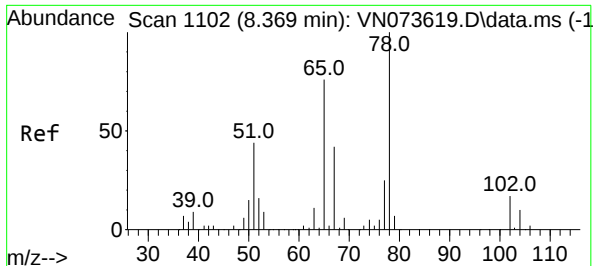
Tgt Ion: 96 Resp: 1864
 Ion Ratio Lower Upper
 96 100
 61 117.9 0.0 280.6
 98 59.7 0.0 128.4



#31
 Cyclohexane
 Concen: 1.251 ug/l
 RT: 8.016 min Scan# 1042
 Delta R.T. -0.006 min
 Lab File: VN074133.D
 Acq: 26 Aug 2022 14:03

Tgt Ion: 56 Resp: 10803
 Ion Ratio Lower Upper
 56 100
 69 188.1 27.8 41.8#
 84 148.6 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 52.557 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074133.D

Acq: 26 Aug 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

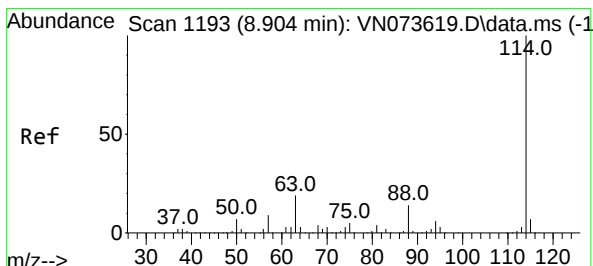
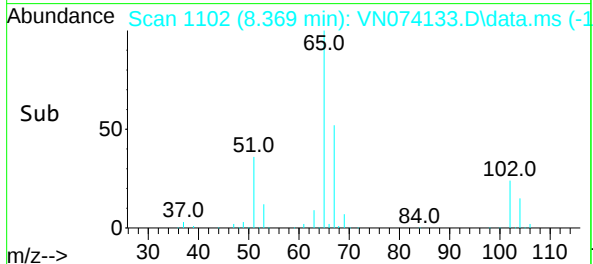
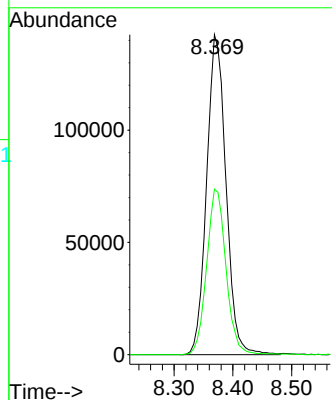
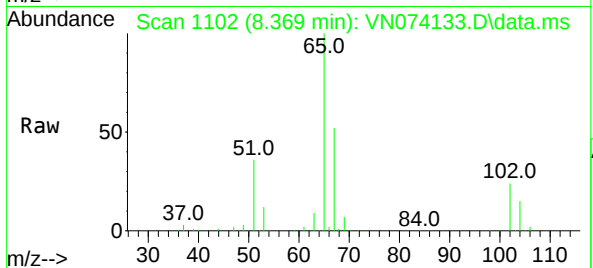
RE109D2-20220817

Tgt Ion: 65 Resp: 325607

Ion Ratio Lower Upper

65 100

67 51.9 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: VN074133.D

Acq: 26 Aug 2022 14:03

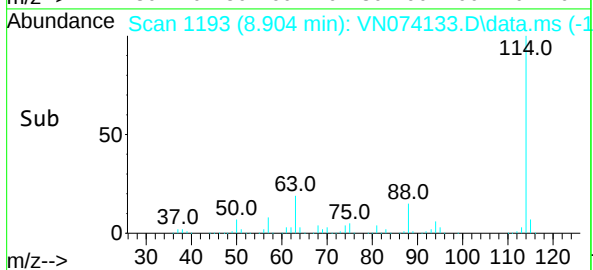
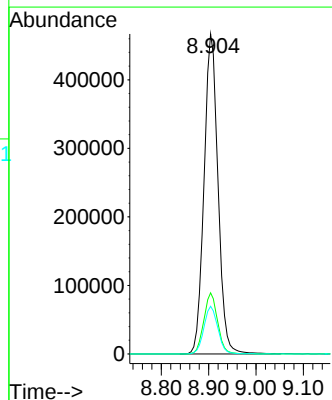
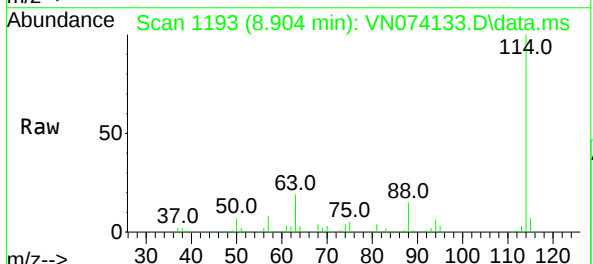
Tgt Ion: 114 Resp: 954510

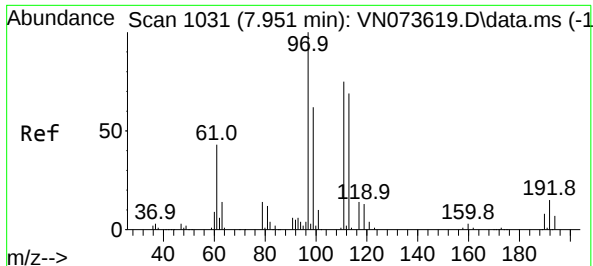
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.813 ug/l

RT: 7.951 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VN074133.D

Acq: 26 Aug 2022 14:03

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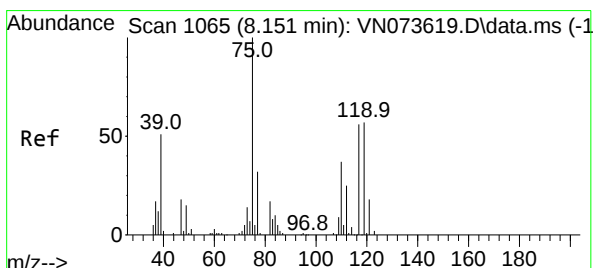
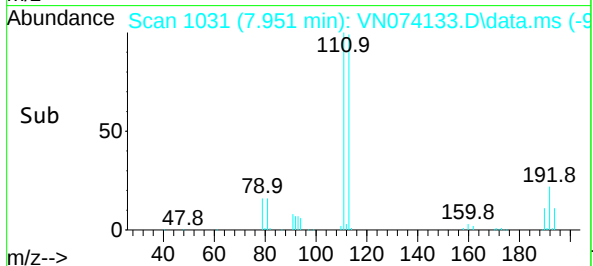
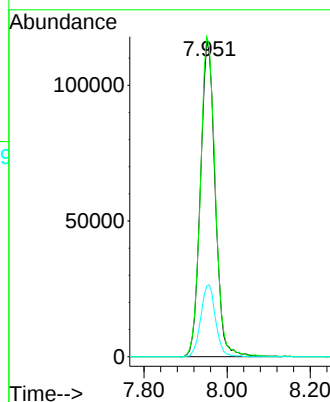
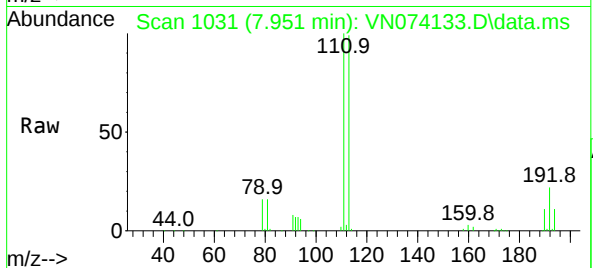
Tgt Ion:113 Resp: 286833

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 22.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.393 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.135 min

Lab File: VN074133.D

Acq: 26 Aug 2022 14:03

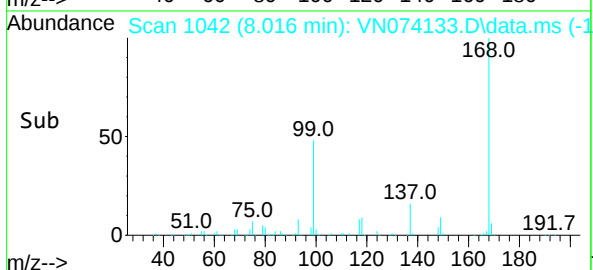
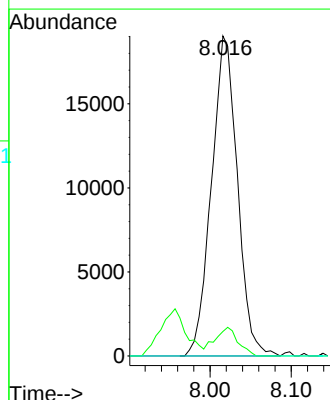
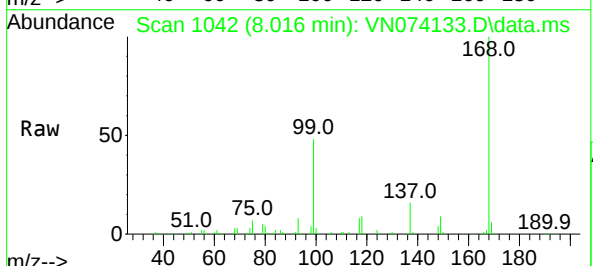
Tgt Ion: 75 Resp: 42282

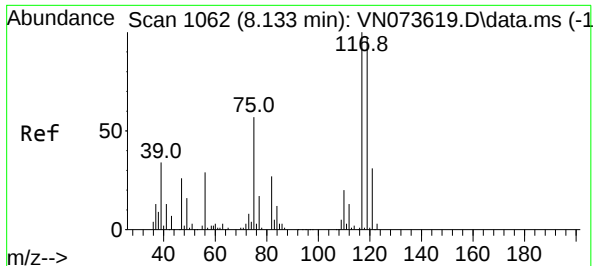
Ion Ratio Lower Upper

75 100

110 7.9 18.3 54.8#

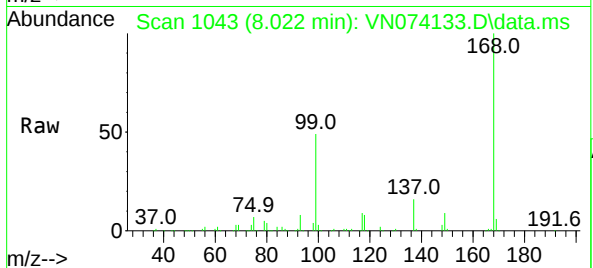
77 0.0 25.1 37.7#



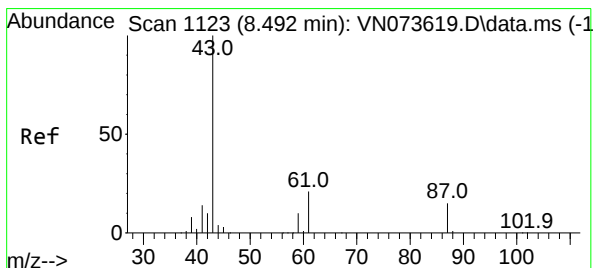
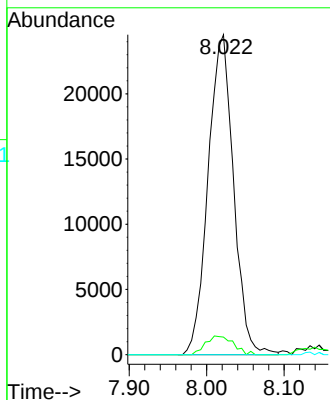
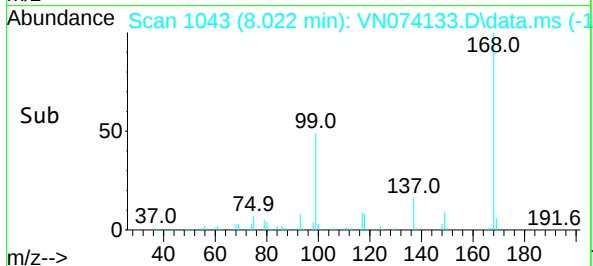


#38
Carbon Tetrachloride
Concen: 6.244 ug/l
RT: 8.022 min Scan# 1143
Delta R.T. -0.111 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

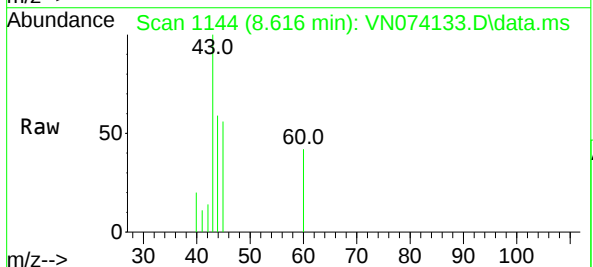
Instrument :
MSVOA_N
ClientSampleId :
RE109D2-20220817



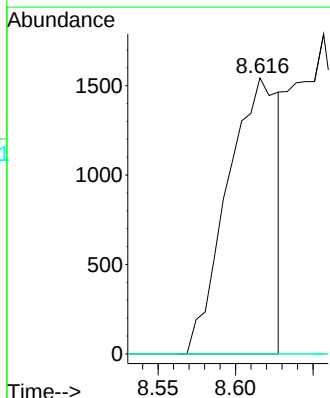
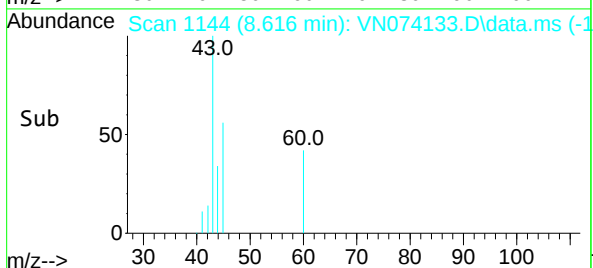
Tgt Ion:117 Resp: 55956
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#

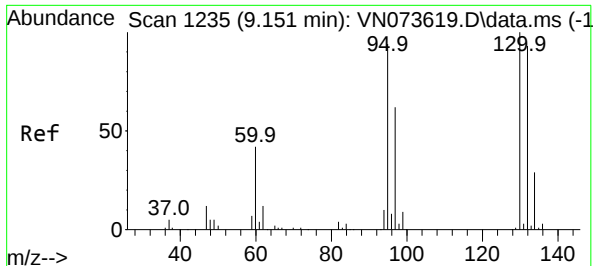


#43
Isopropyl Acetate
Concen: 0.261 ug/l
RT: 8.616 min Scan# 1144
Delta R.T. 0.124 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03



Tgt Ion: 43 Resp: 3535
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

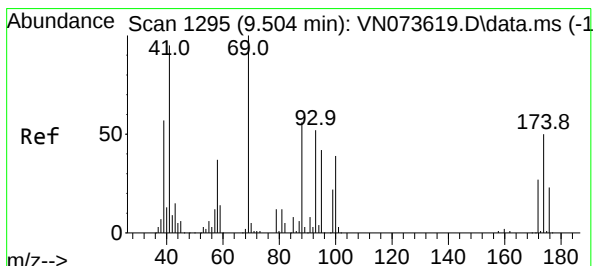
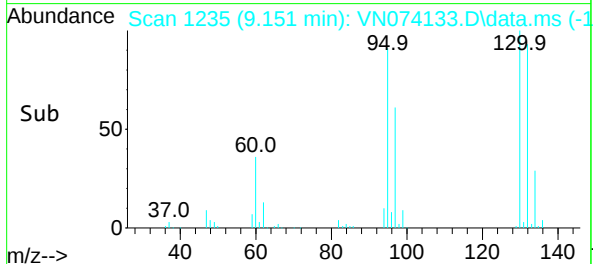
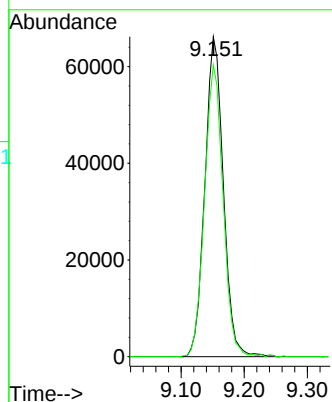
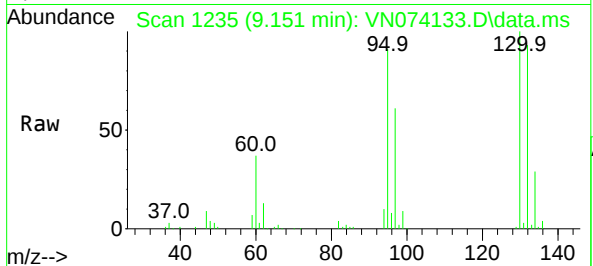




#44
Trichloroethene
Concen: 18.809 ug/l
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

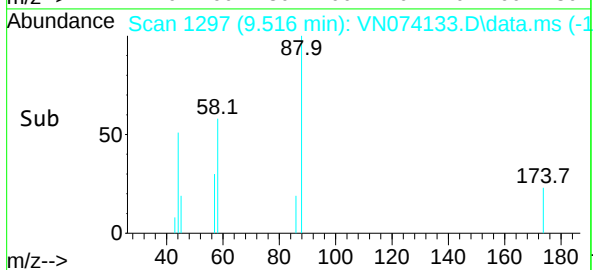
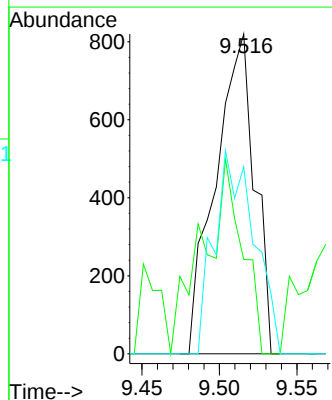
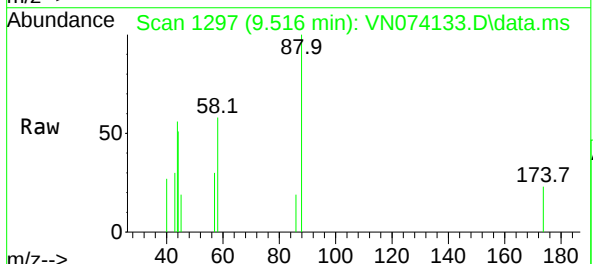
Instrument :
MSVOA_N
ClientSampleId :
RE109D2-20220817

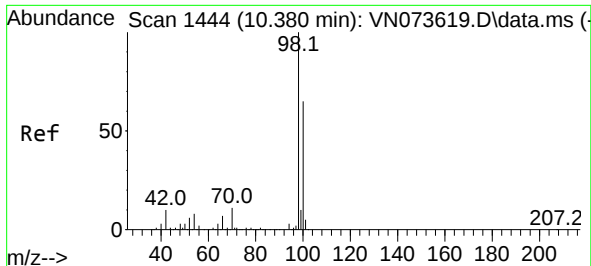
Tgt Ion:130 Resp: 134433
Ion Ratio Lower Upper
130 100
95 91.1 0.0 186.8



#49
1,4-Dioxane
Concen: 8.363 ug/l
RT: 9.516 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

Tgt Ion: 88 Resp: 1440
Ion Ratio Lower Upper
88 100
43 61.5 20.2 30.4#
58 64.8 54.2 81.4

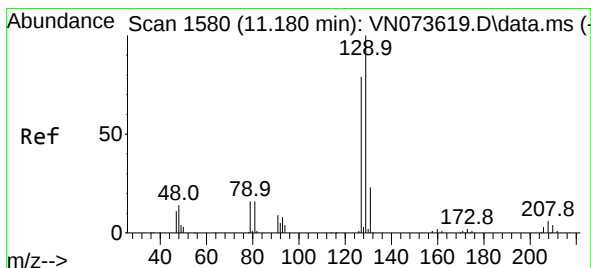
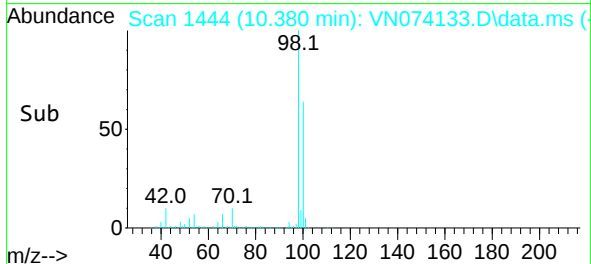
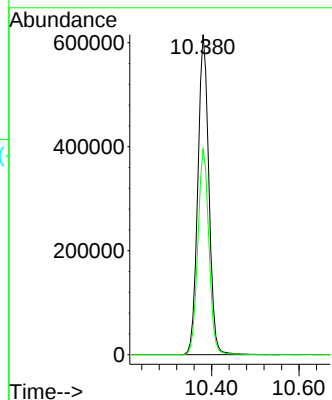
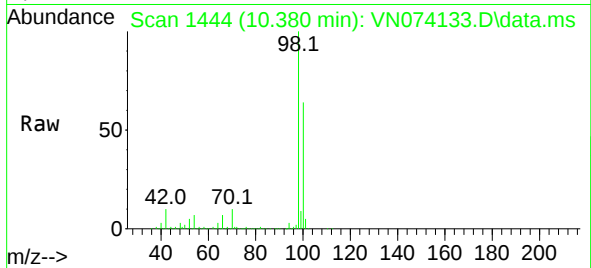




#50
Toluene-d8
Concen: 49.401 ug/l
RT: 10.380 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

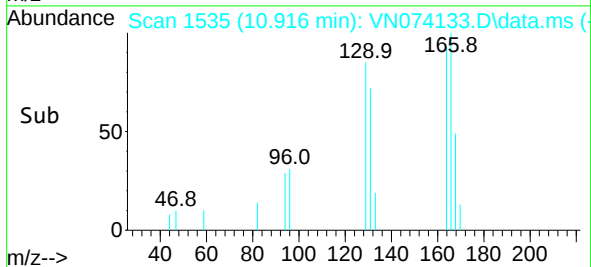
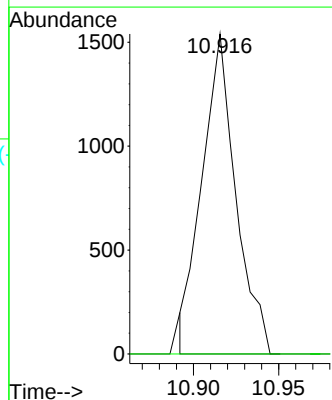
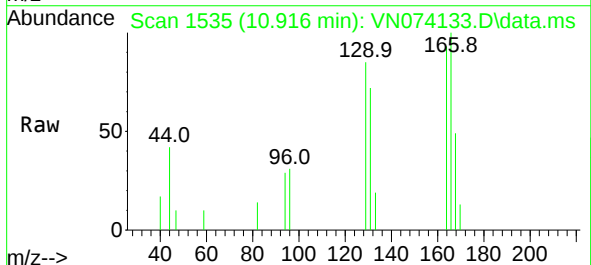
Instrument :
MSVOA_N
ClientSampleId :
RE109D2-20220817

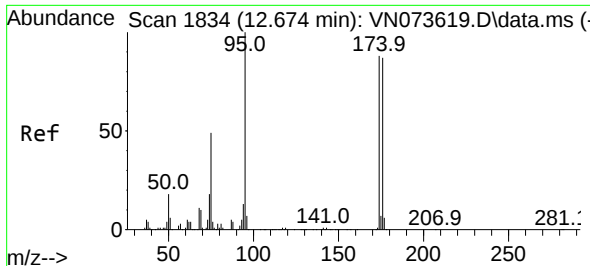
Tgt Ion: 98 Resp: 1080010
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#60
Dibromochloromethane
Concen: 0.290 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.264 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

Tgt Ion:129 Resp: 2119
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

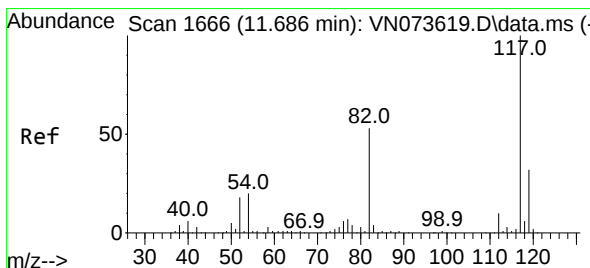
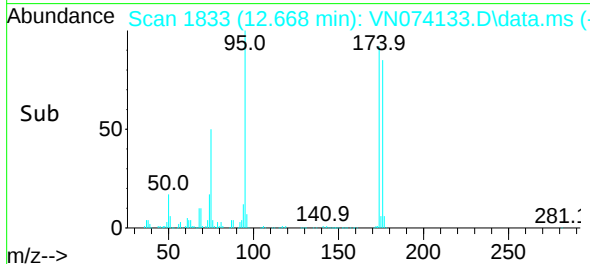
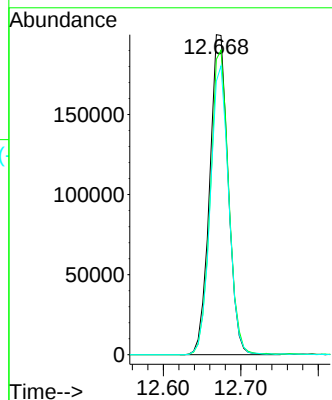
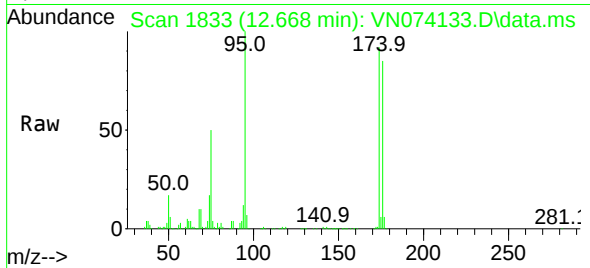




#62
4-Bromofluorobenzene
Concen: 45.740 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

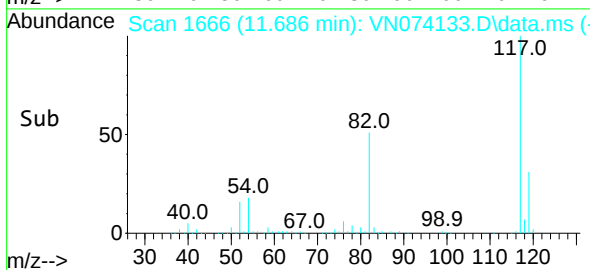
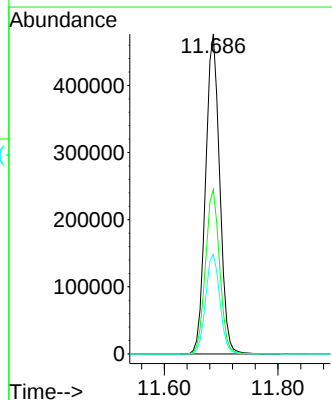
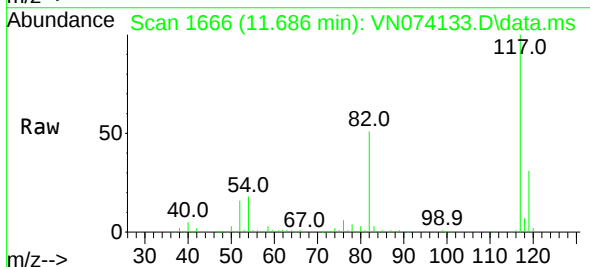
Instrument :
MSVOA_N
ClientSampleId :
RE109D2-20220817

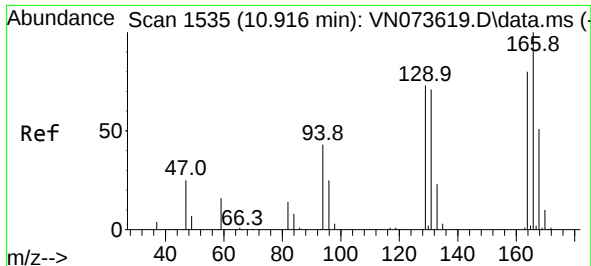
Tgt Ion: 95 Resp: 331870
Ion Ratio Lower Upper
95 100
174 94.1 0.0 167.6
176 89.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

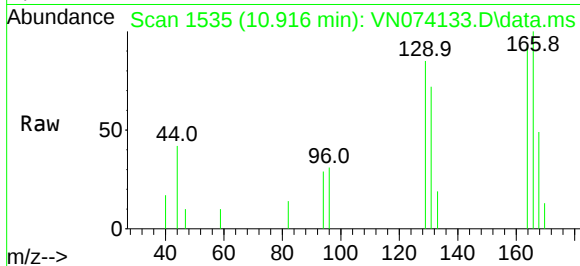
Tgt Ion: 117 Resp: 818125
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 31.1 25.4 38.0



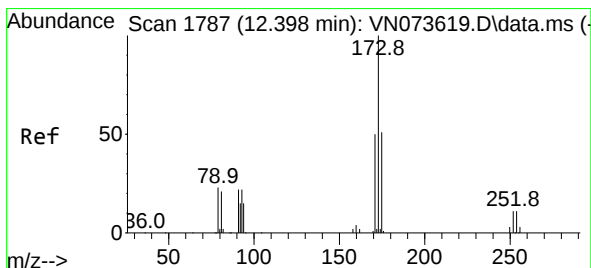
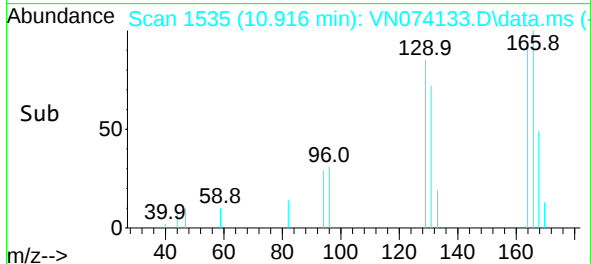
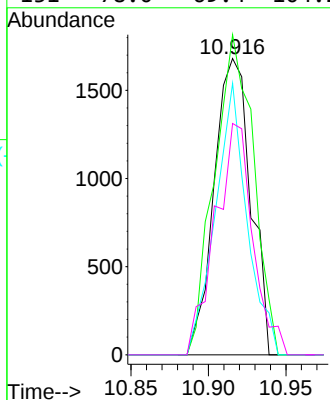


#64
Tetrachloroethene
Concen: 0.427 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

Instrument :
MSVOA_N
ClientSampleId :
RE109D2-20220817

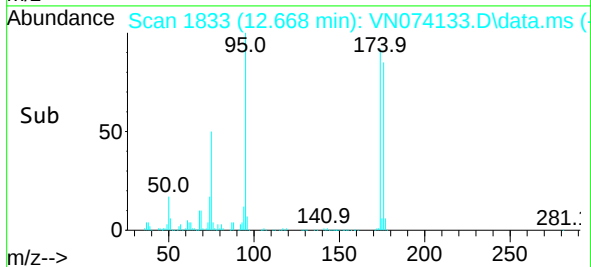
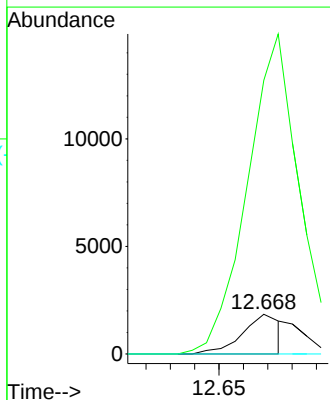
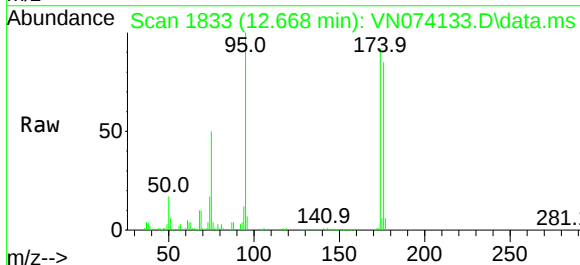


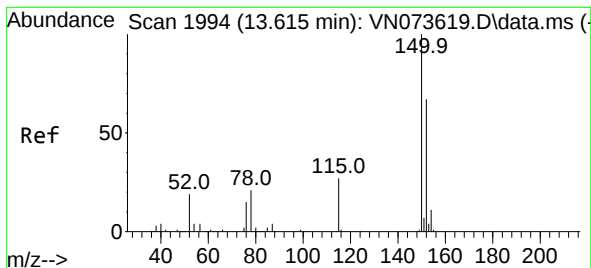
Tgt Ion:164 Resp: 2760
Ion Ratio Lower Upper
164 100
166 108.0 104.2 156.2
129 91.6 73.9 110.9
131 78.0 69.4 104.2



#71
Bromoform
Concen: 0.341 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

Tgt Ion:173 Resp: 2006
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN074133.D

Acq: 26 Aug 2022 14:03

Instrument :

MSVOA_N

ClientSampleId :

RE109D2-20220817

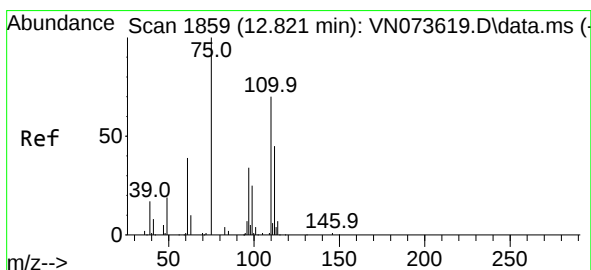
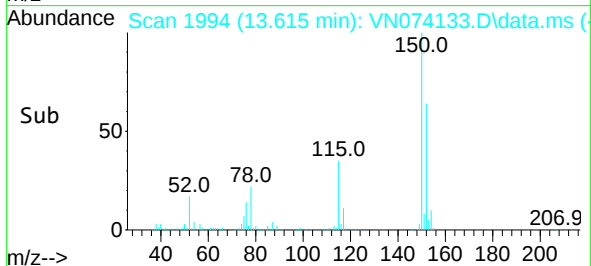
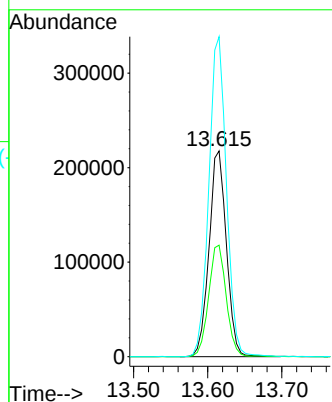
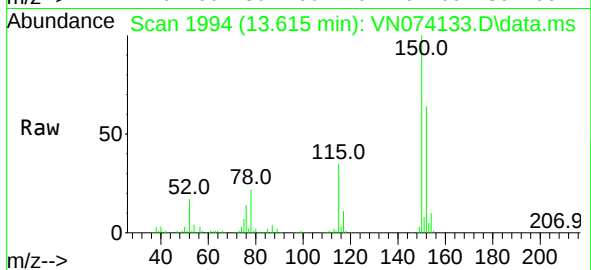
Tgt Ion:152 Resp: 354788

Ion Ratio Lower Upper

152 100

115 54.7 28.9 86.7

150 157.2 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 22.254 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.153 min

Lab File: VN074133.D

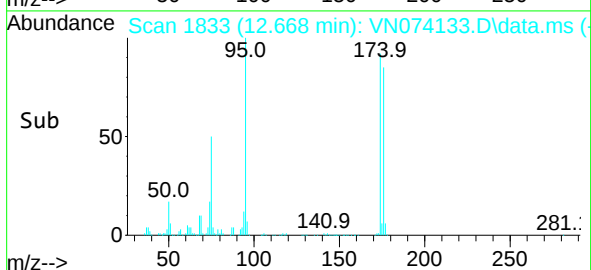
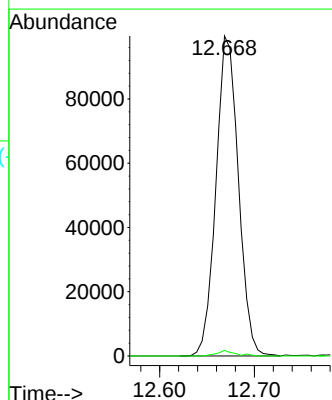
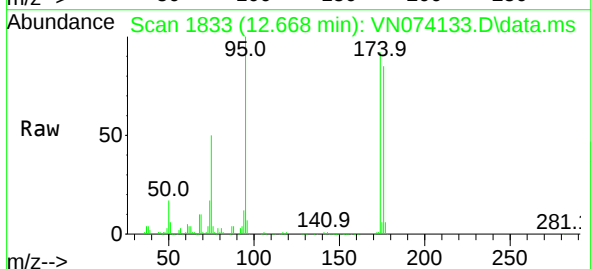
Acq: 26 Aug 2022 14:03

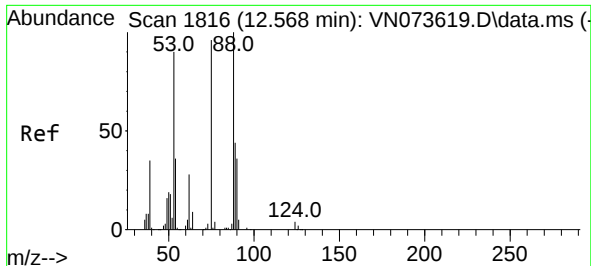
Tgt Ion: 75 Resp: 164106

Ion Ratio Lower Upper

75 100

77 1.4 98.5 295.5#

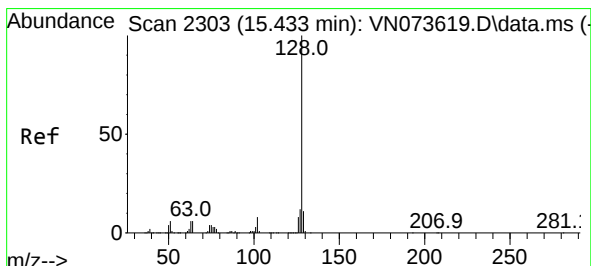
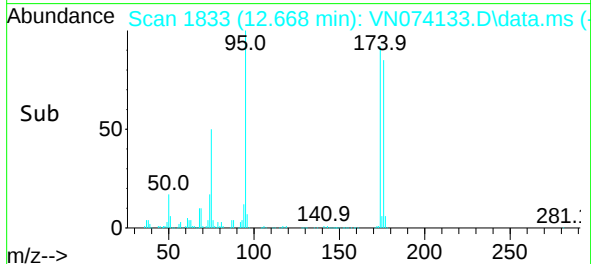
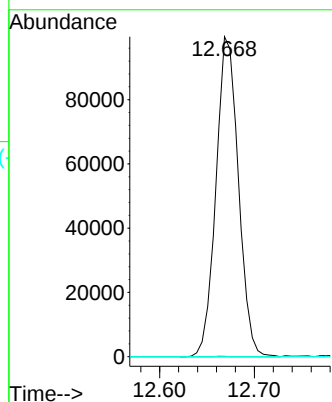
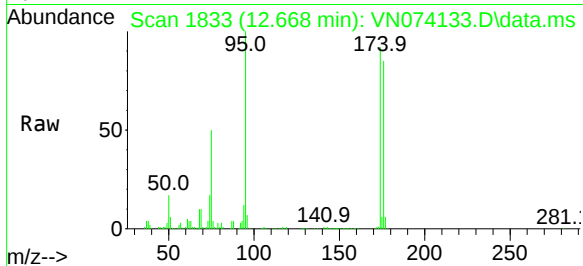




#81
trans-1,4-Dichloro-2-butene
Concen: 63.294 ug/l
RT: 12.668 min Scan# 1816
Delta R.T. 0.100 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

Instrument :
MSVOA_N
ClientSampleId :
RE109D2-20220817

Tgt Ion: 75 Resp: 164106
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.212 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN074133.D
Acq: 26 Aug 2022 14:03

Tgt Ion: 128 Resp: 5262
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 9.1 8.6 13.0

