

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
 Data File : VN071565.D
 Acq On : 26 Mar 2022 10:48
 Operator : JC\MD
 Sample : VN0326WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBL01

Quant Time: Mar 28 01:42:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 28 01:40:30 2022
 Response via : Initial Calibration

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

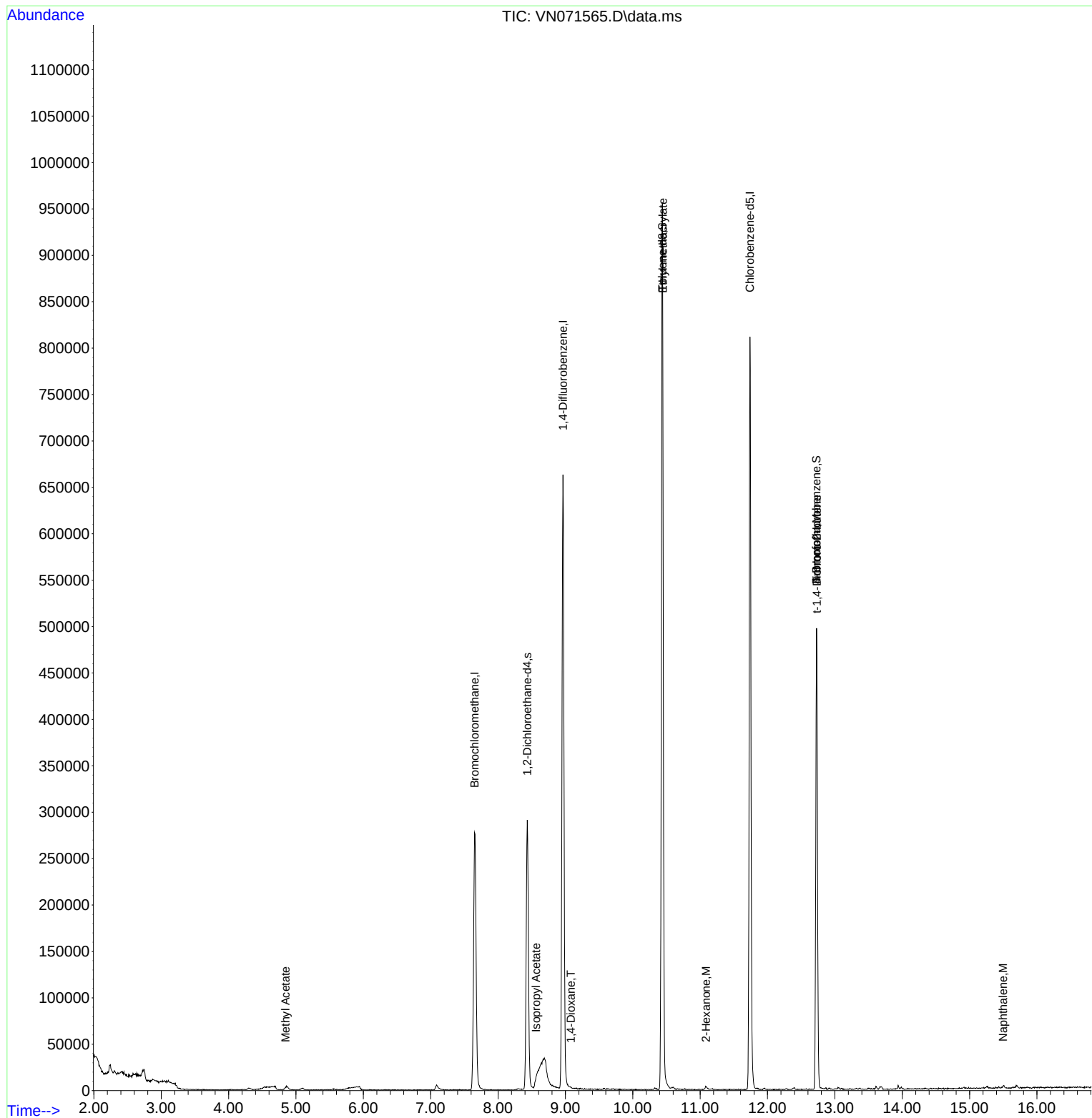
Internal Standards						
1) Bromochloromethane	7.651	128	112969	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	606954	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	508926	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	244889	30.768	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.567%	
60) 4-Bromofluorobenzene	12.727	95	172905	22.913	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 76.367%	
63) Toluene-d8	10.439	98	705970	30.558	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.867%	
Target Compounds						Qvalue
12) Methyl Acetate	4.845	43	2858	0.310	ug/l #	67
44) Isopropyl Acetate	8.563	43	6174	0.363	ug/l #	52
45) 1,4-Dioxane	9.080	88	123	0.717	ug/l #	24
51) Ethyl methacrylate	10.445	69	2406	0.202	ug/l	90
56) Bromoform	12.727	173	1508	0.245	ug/l #	1
59) 2-Hexanone	11.086	43	2086	0.296	ug/l #	68
77) t-1,4-Dichloro-2-butene	12.733	75	89603	28.043	ug/l #	8
91) Naphthalene	15.498	128	3248	0.201	ug/l #	87

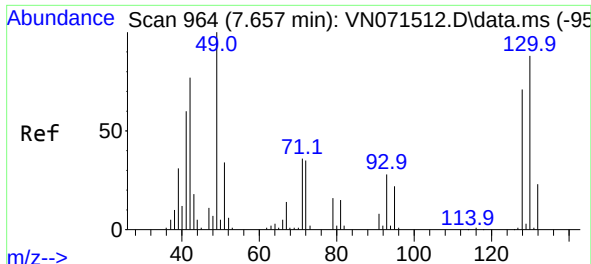
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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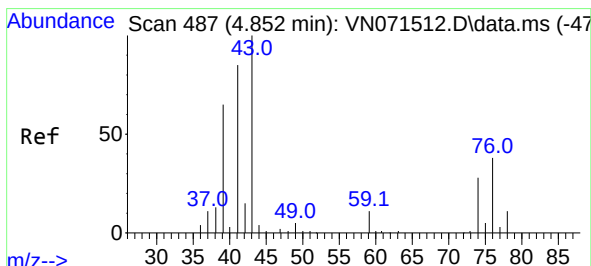
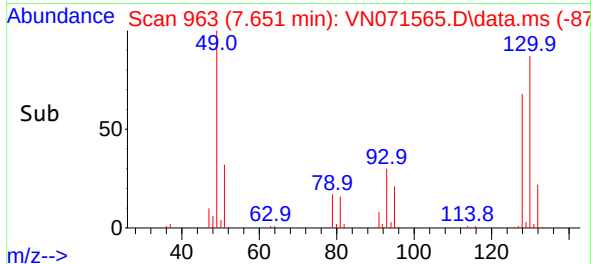
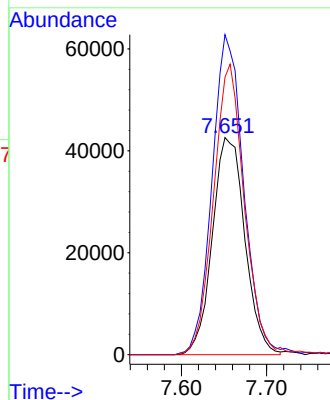
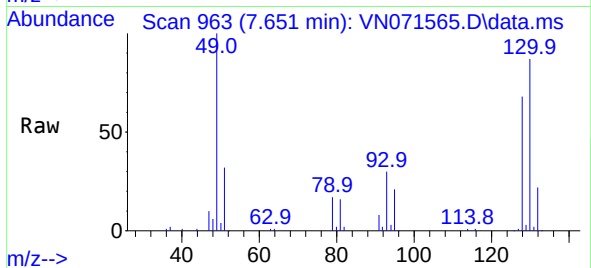




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

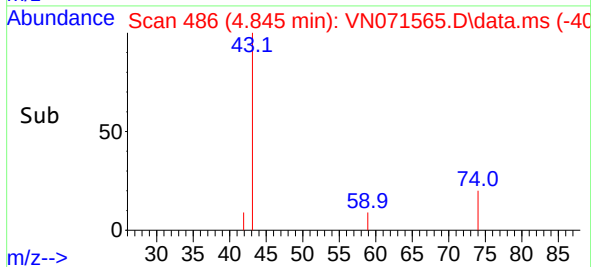
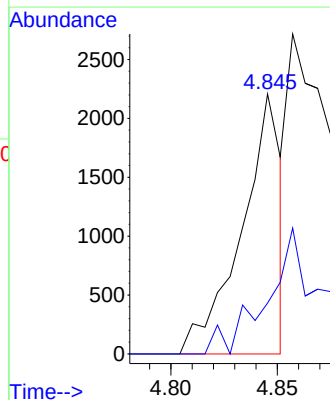
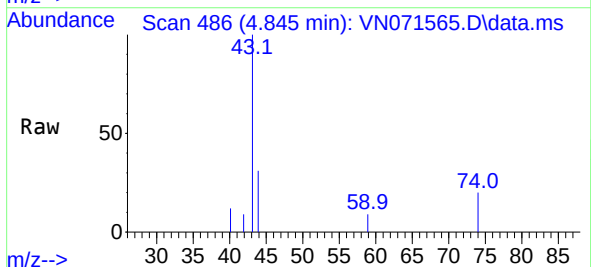
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

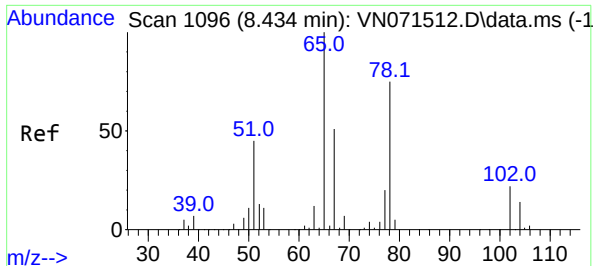
Tgt Ion:128 Resp: 112969
Ion Ratio Lower Upper
128 100
49 143.5 0.0 392.3
130 127.3 0.0 320.2



#12
Methyl Acetate
Concen: 0.310 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

Tgt Ion: 43 Resp: 2858
Ion Ratio Lower Upper
43 100
74 9.3 20.8 31.2#

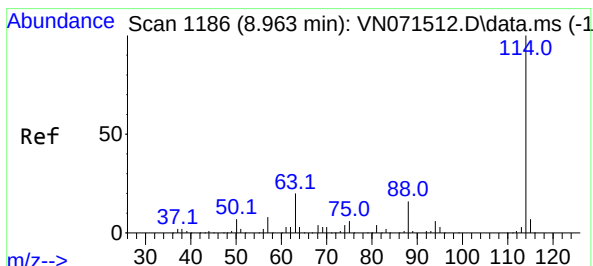
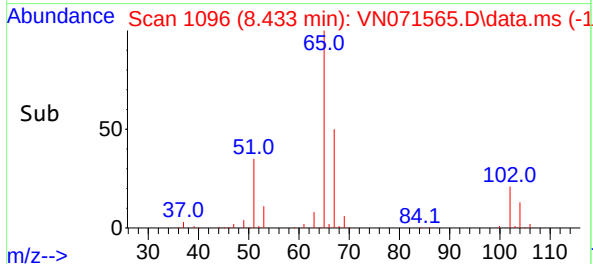
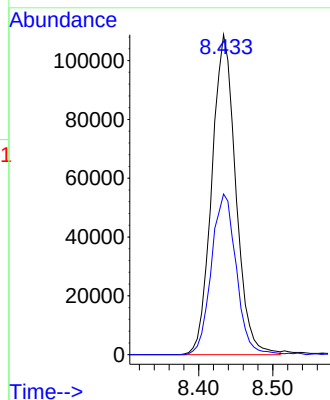
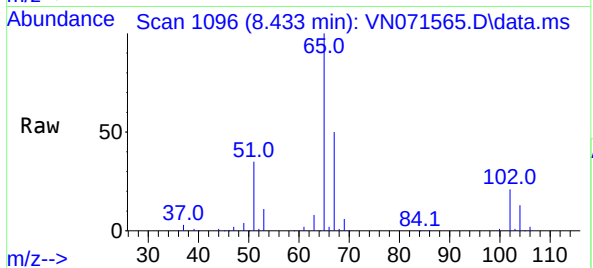




#27
1,2-Dichloroethane-d4
Concen: 30.768 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

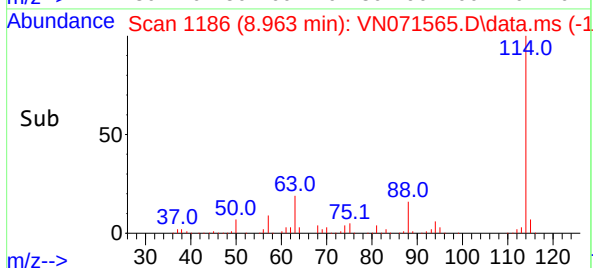
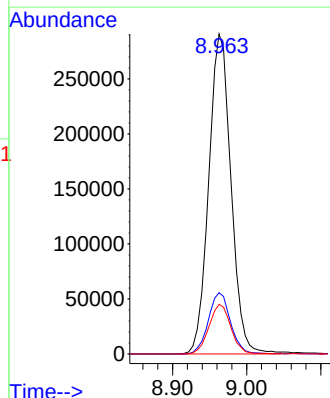
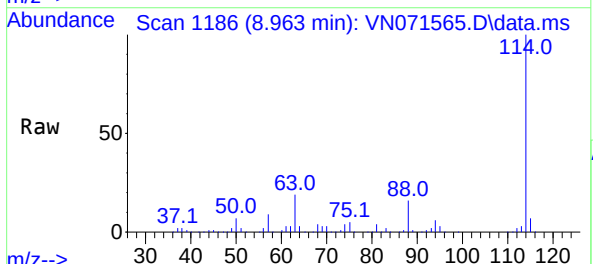
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

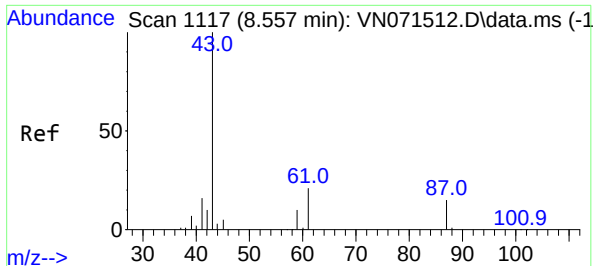
Tgt Ion: 65 Resp: 244889
Ion Ratio Lower Upper
65 100
67 51.8 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

Tgt Ion: 114 Resp: 606954
Ion Ratio Lower Upper
114 100
63 19.1 15.8 23.6
88 15.4 11.6 17.4

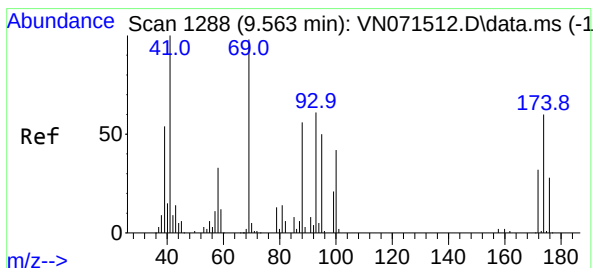
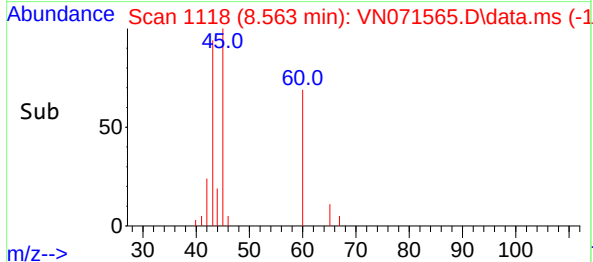
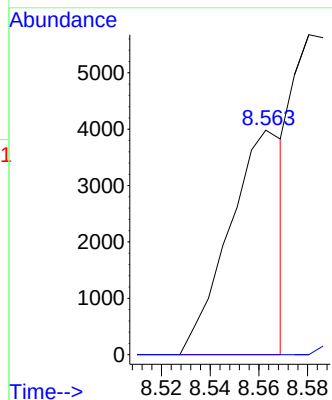
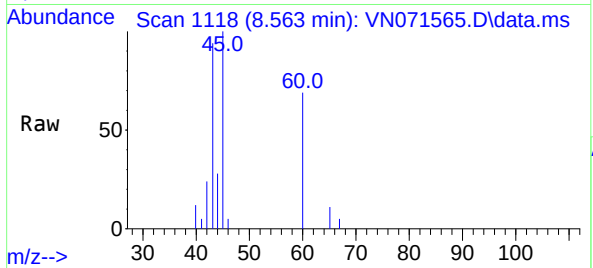




#44
Isopropyl Acetate
Concen: 0.363 ug/l
RT: 8.563 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

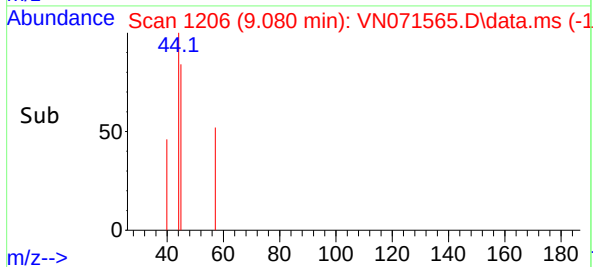
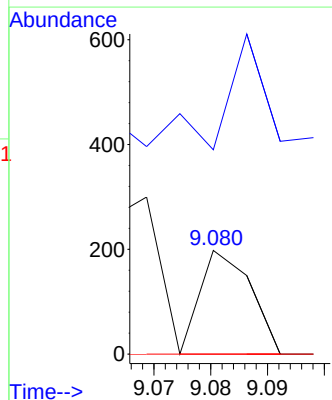
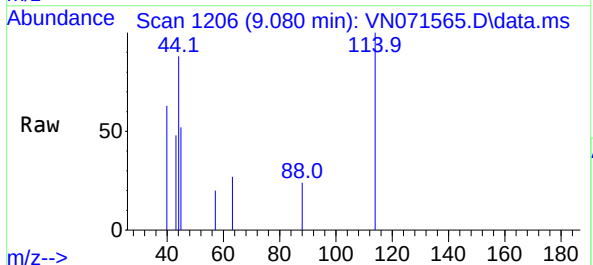
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

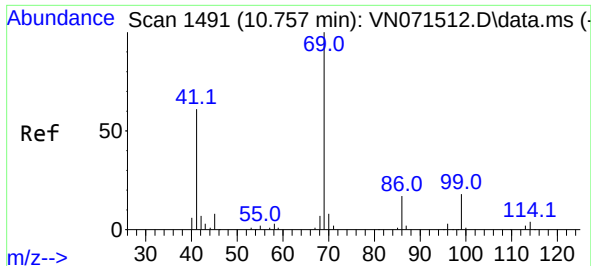
Tgt Ion: 43 Resp: 6174
Ion Ratio Lower Upper
43 100
61 0.9 20.1 30.1#



#45
1,4-Dioxane
Concen: 0.717 ug/l
RT: 9.080 min Scan# 1206
Delta R.T. -0.483 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

Tgt Ion: 88 Resp: 123
Ion Ratio Lower Upper
88 100
43 68.3 25.0 37.6#
58 0.0 49.4 74.2#

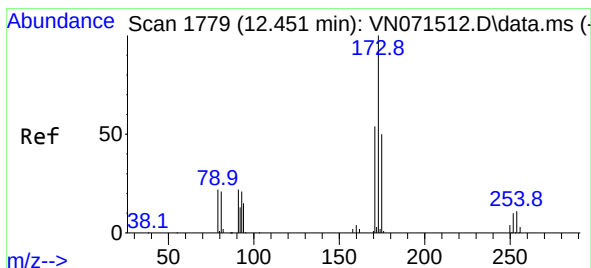
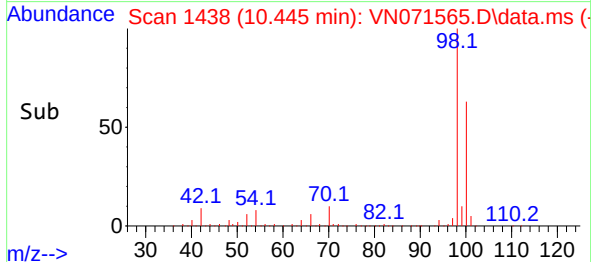
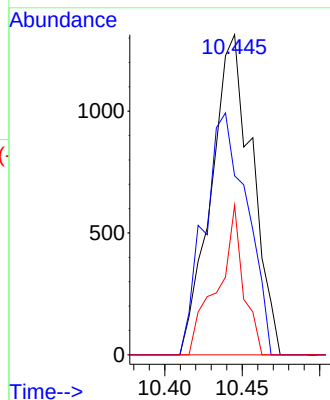
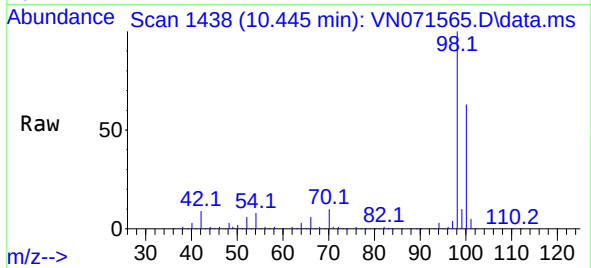




#51
Ethyl methacrylate
Concen: 0.202 ug/l
RT: 10.445 min Scan# 1491
Delta R.T. -0.312 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

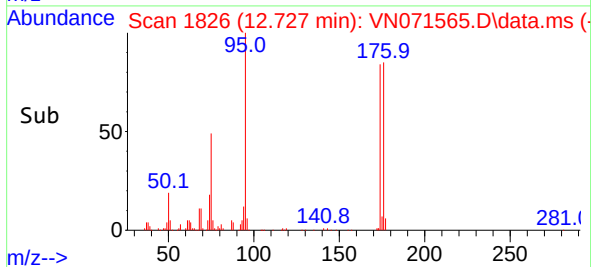
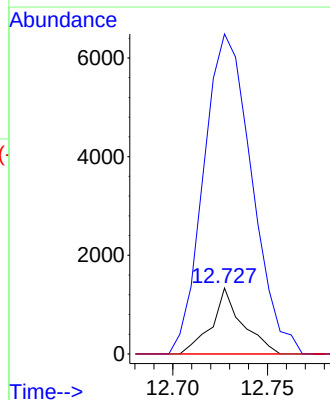
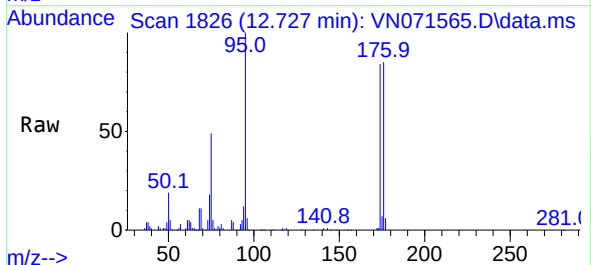
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

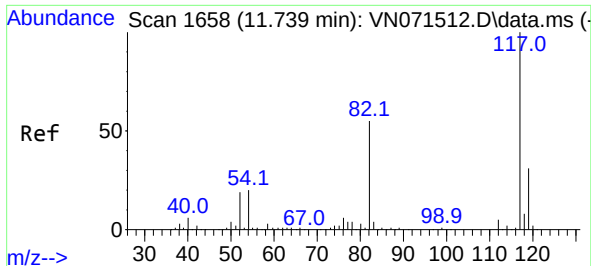
Tgt Ion: 69 Resp: 2406
Ion Ratio Lower Upper
69 100
41 55.9 33.0 98.9
39 46.7 25.4 76.4



#56
Bromoform
Concen: 0.245 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.276 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

Tgt Ion: 173 Resp: 1508
Ion Ratio Lower Upper
173 100
175 760.1 38.6 58.0#
254 0.0 0.0 0.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.739 min Scan# 117

Delta R.T. -0.000 min

Lab File: VN071565.D

Acq: 26 Mar 2022 10:48

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBL01

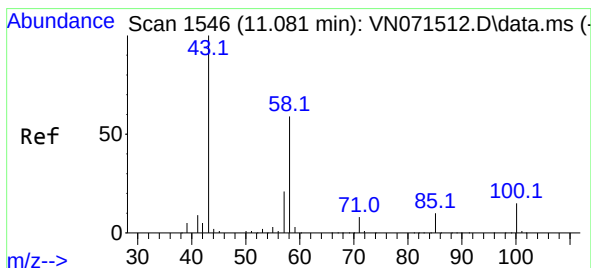
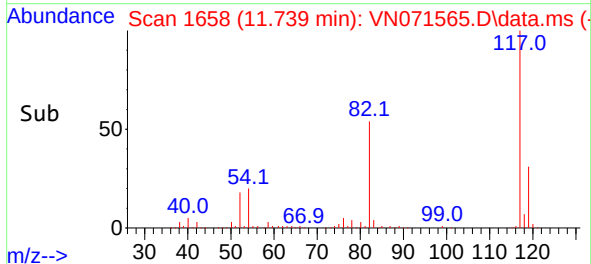
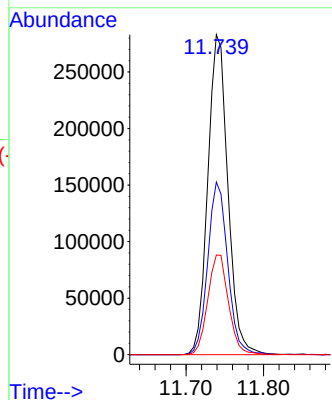
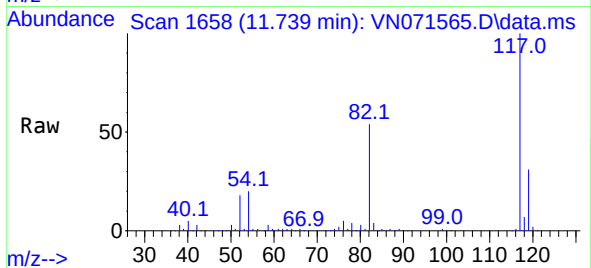
Tgt Ion:117 Resp: 508926

Ion Ratio Lower Upper

117 100

82 53.7 43.6 65.4

119 32.2 25.8 38.6



#59

2-Hexanone

Concen: 0.296 ug/l

RT: 11.086 min Scan# 1547

Delta R.T. 0.006 min

Lab File: VN071565.D

Acq: 26 Mar 2022 10:48

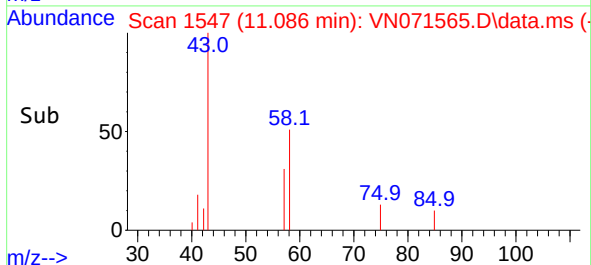
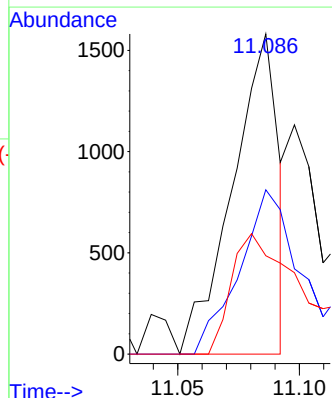
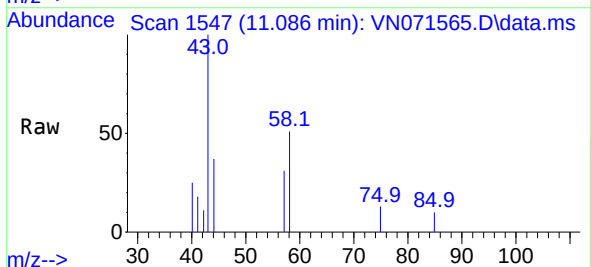
Tgt Ion: 43 Resp: 2086

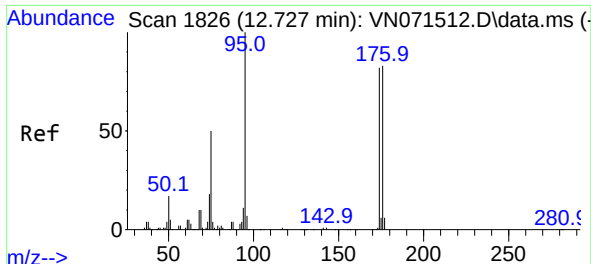
Ion Ratio Lower Upper

43 100

58 65.1 42.2 63.2#

57 52.0 15.0 22.4#

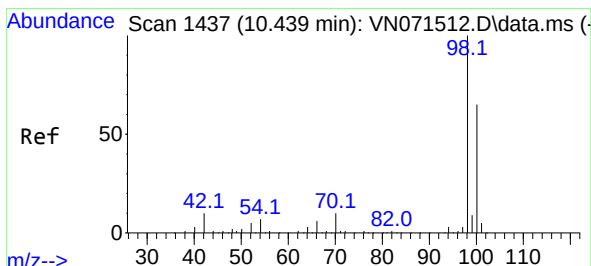
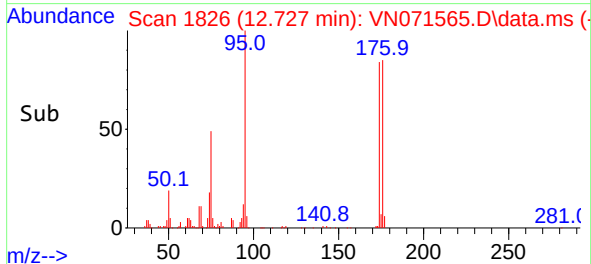
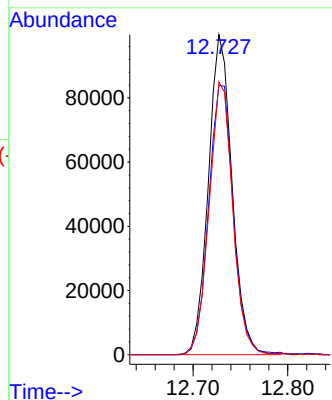
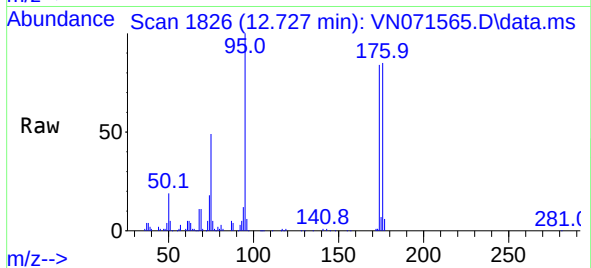




#60
4-Bromofluorobenzene
Concen: 22.913 ug/l
RT: 12.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

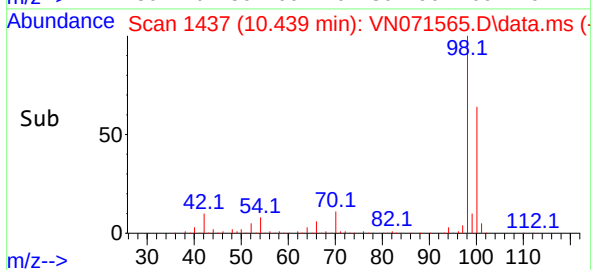
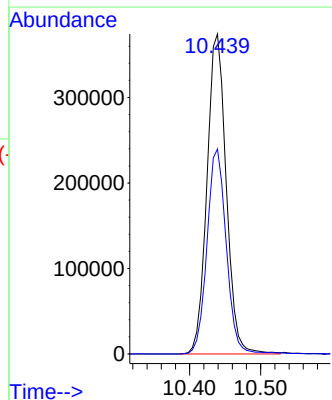
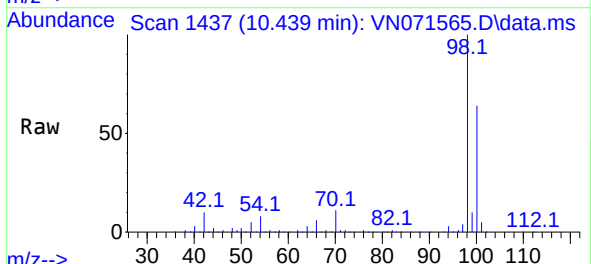
Instrument :
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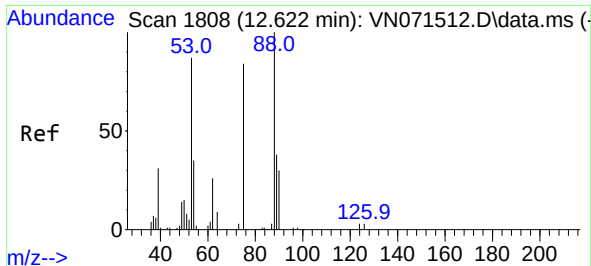
Tgt Ion: 95 Resp: 172905
Ion Ratio Lower Upper
95 100
174 87.7 62.9 94.3
176 85.0 61.0 91.4



#63
Toluene-d8
Concen: 30.558 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

Tgt Ion: 98 Resp: 705970
Ion Ratio Lower Upper
98 100
100 64.1 50.6 76.0

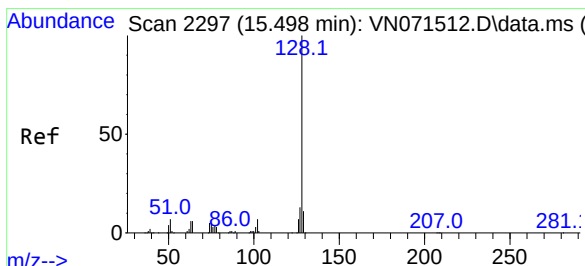
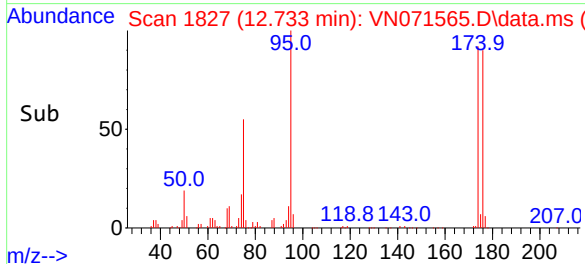
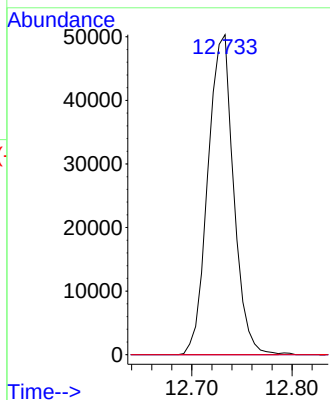
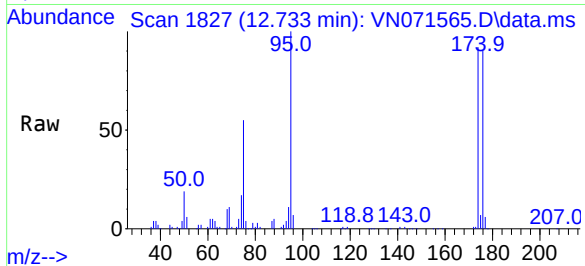




#77
t-1,4-Dichloro-2-butene
Concen: 28.043 ug/l
RT: 12.733 min Scan# 1808
Delta R.T. 0.112 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

Tgt Ion: 75 Resp: 89603
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#



#91
Naphthalene
Concen: 0.201 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

Tgt Ion: 128 Resp: 3248
Ion Ratio Lower Upper
128 100
127 11.8 10.7 16.1
129 2.2 9.0 13.6#

